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**SECTION 15**  
**Material Handling**

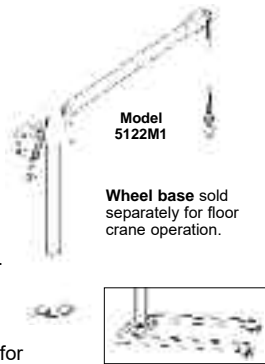
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## Cranes

### Series 5122 Portable Davit Cranes

Hand Winch Operation  
Up to 500 lb. capacity

- Hand Winch Operation with spur gear hand winch equipped with automatic disc brake for load control.
- Quick Disconnect Anchor for quickly attaching or removing the wire rope from the winch drum.
- Corrosion Resistant Finish with electrostatic powder coating and corrosion resistant fasteners. Galvanized finish also available, see models ending in GAL.
- Adjustable Boom with 2 different positions for operation and folds down for storage or transport.
- Crane Rotates 360° in a sleeve bearing in the base.
- Bases sold separately in pedestal, socket, or wall mount style. Call for complete details.
- Stainless Steel model includes stainless steel hand winch and fasteners, for long service life in corrosive environments.
- Wire Rope Assemblies sold separately.

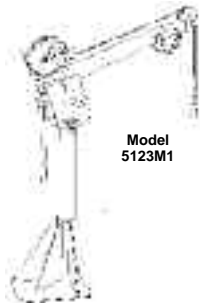


Model	Description	Approx. Ship Wt.
5122M1	500 lb. - w/M4021PB-A spur gear hand winch	68 lb.
5122M1GAL	500 lb. - w/M4021PB-A spur gear hand winch - galvanized finish (on crane only)	68 lb.
5122M1SS	500 lb. - w/M4041PBSS-A spur gear hand winch - stainless steel (crane and winch)	71 lb.

### Series 5123 Portable Davit Cranes

Hand or Power Winch Operation  
Up to 1400 lb. capacity

- Hand Winch Operated Models include spur gear hand winch with automatic disc brake for load control.
- Power Winch Operated Models include 115 volt 1 phase AC, or 12 volt DC, electric winch with pendant control and brake. Other voltages and phases, pneumatic, and hydraulic are available. Please contact a Sales Rep.
- Adjustable Boom telescopes to 5 different lengths, and adjusts to 3 different angles for exact positioning over the load.
- Crane Rotates 360° in a sleeve bearing in the base. Handle on the boom makes rotation easy.
- Bases sold separately in pedestal, socket, or wall mount style.
- Wire Rope Assemblies sold separately.
- Quick Disconnect Anchor for quickly attaching or removing the wire rope from the winch drum.
- Corrosion Resistant Finish with electrostatic powder coating and corrosion resistant fasteners. Galvanized finish also available, see models ending in GAL.
- Stainless Steel model includes stainless steel hand winch and fasteners, for long service life in corrosive environments.

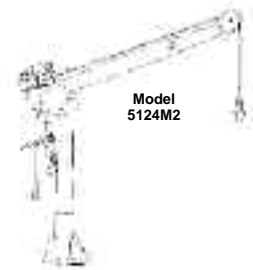


Model	Description	Approx. Ship Wt.
5123M1	1400 lb. - w/M4311PB-A1 spur gear hand winch	138 lb.
5123M1GAL	1400 lb. - w/M4311PB-A1 spur gear hand winch - galvanized finish (on crane only)	138 lb.
5123M1SSA	1400 lb. - w/M4311PBSS-A spur gear hand winch - stainless steel (crane and winch)	127 lb.
5123E4	1400 lb. - w/4777-A electric winch - 115 VAC, 1 phase, 6 ft. pendant control	195 lb.
5123E4DC	1400 lb. - w/4777DC electric winch - 12 VDC, 6 ft. pendant control	205 lb.

### Series 5124 Portable Davit Cranes

Hand or Power Winch Operation  
Up to 2000 lb. capacity

- Hand Winch Operated Models include spur gear or worm gear hand winch with brake for load control.
- The worm gear hand winch on models 5124M2 and 5124M2GAL only, can be power driven with a maximum 400 rpm drill-motor, see model ED120BD.
- Power Winch Operated Models include 115 volt 1 phase AC electric winch with pendant control and brake. Other voltages and phases, 12 volt DC, pneumatic, and hydraulic available, contact your Sales Rep.
- Crane Rotates 360° on a pin and sleeve bearing in the base. Handle on the boom makes rotation easy.
- Bases sold separately in pedestal, socket, or wall mount style.
- Wire Rope Assemblies sold separately.
- Quick Disconnect Anchor for quickly attaching or removing the wire rope from the winch drum.
- Corrosion Resistant Finish with electrostatic powder coating and corrosion resistant fasteners. Galvanized finish also available, see models ending in GAL.
- Adjustable Boom telescopes to 4 different lengths, and adjusts in height while under load with ratchet style screw-jack.
- Two Part Line Kit improves load rating performance with mechanical advantage of two part rigging. See model 5124TPL

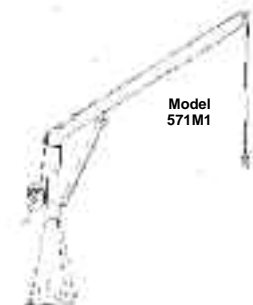


Model	Description	Approx. Ship Wt.
5124M1	2000 lb. (requires 5124TPL) - w/M4311PB spur gear hand winch	272 lb.
5124M1GAL	2000 lb. (requires 5124TPL) - w/M4311PB spur gear hand winch - galvanized finish (on crane only)	272 lb.
512M2	2000 lb. (requires 5124TPL) - w/4WM2-K worm gear hand winch	240 lb.
5124M2GAL	2000 lb. (requires 5124TPL) - w/4WM2-K worm gear hand winch - galvanized finish (on crane only)	240 lb.
5124E2	2000 lb. (requires 5124TPL) - w/4WP2-K electric winch - 115 VAC, 1 phase, 6 ft. pendant control	295 lb.
5124E4	2000 lb. (requires 5124TPL) - w/4777 electric winch - 115 VAC, 1 phase, 6 ft. pendant control	337 lb.

### Series 571 and 572 Fre Rol Davit Cranes

Hand or Power Winch Operation  
Up to 2200 lb. capacity

- Hand Winch Operated Models include spur gear hand winch with automatic disc brake for load control.
- Power Winch Operated Models include 115 volt 1 phase AC electric winch with pendant control and brake. Other voltages and phases, 12 volt DC, pneumatic and hydraulic available, please call.
- Fixed Boom - Boom Position C
- Adjustable Boom Option - adjusts between Boom Position A & D - with hand operated ratchet style screw-jack, used to adjust height and reach.
- Mast and Boom Rotate on tapered roller bearings for smooth 360° load movement. Mast locks in one of four positions with hand tightened lock bolt. Handle on the mast makes rotation easy.
- Gusset Style Base for permanent installation and stability under load.
- Wire Rope Assemblies sold separately.



Model	Description	Approx. Ship Wt.
571M1	1500 lb. - w/M4311PB-A2 spur gear hand winch	425 lb.
571E4	1500 lb. - w/4777-B electric winch - 115 VAC, 1 phase, 6 ft. pendant control	489 lb.
572M1	2200 lb. - w/M452B-A spur gear hand winch	720 lb.
572E3	2000 lb. - w/4771 electric winch - 115 VAC, 1 phase, 6 ft. pendant control	750 lb.
572E5	2200 lb. - w/4WS3M6-A electric winch - 115 VAC, 1 phase, 6 ft. pendant control	750 lb.

Contact your Sales Rep. for complete dimensions & additional options available.



## Material Handling

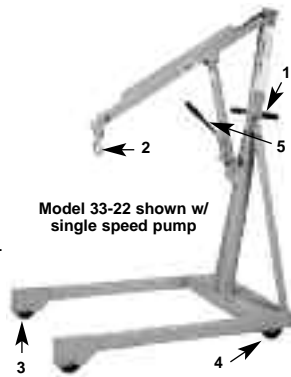
# Cranes/Crane Attachments

## Hercules Fixed Boom Floor Crane

This floor crane provides the answer for one-man handling and lifting such items as engines, electric motors, dies, coils and other bulky parts. Designed to work as a piece of support equipment for plant maintenance. Manually operated hydraulic unit affords one-hand control. Double action pump optimizes manual effort in lifting light or heavy loads. Electric pumps decrease both operator time and fatigue. Working capacities are determined by length of boom extension.

- 1,000, 2,000, 4,000 and 6,000 lb. capacities
- All models equipped with extension boom
- Self-contained hydraulic system

1. Long steer and pull handle on 2000, 4000 and 6,000 lb. capacities. Stub handle on 1,000 lb. capacities.
2. Hook capacity matches crane capacity.
3. Rigid shrouded phenolic wheels.
4. Phenolic swivel casters.
5. Pumping handle.



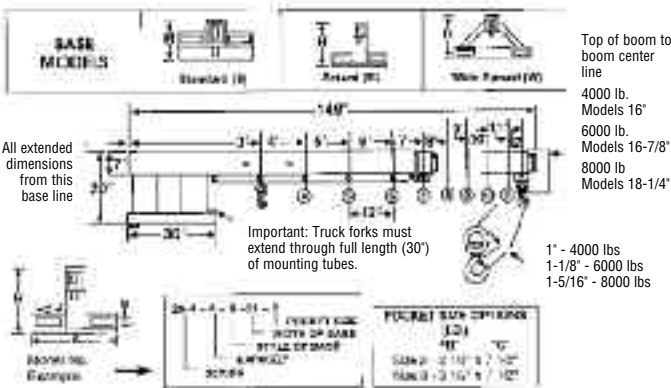
Model 33-22 shown w/ single speed pump

Model No.	Pump Type	Shpg. Wt. (lbs)	E Boom Pos. (in)	Capacity (lbs)	F (in)		Wheels Dia. (in)	
					Min.	Max.	Frt	Rear
33-22	Sgl. Spd. Man.	242	48	1,000	41	93	5	5
			54	750	38	96		
			60	450	35	100		
33-23† 33-23A† 32-16†	Sgl. Spd. Man. Dbl. Action Electric 115 Volt	428 448 470	60	2,000	42	106	6	6
			66	1,200	41	112		
			72	1,000	40	115		
33-24	Dbl. Action	750	61	4,000	44	92	10	8
			69	2,000	42	96		
			77	1,500	39	101		
33-26	Dbl. Action	760	61	6,000	42	84	10	8
			69	2,000	39	88		
			77	1,500	37	91		
			85	800	37	106		
			85	800	35	95		
			85	800	35	95		

To order with polyurethane wheels: add Suffix "PW5" to Model No. 33-22; add Suffix "PW7" to Model No. 33-23 & 33-23A & 32-16; add Suffix "PW10" to Model No. 33-24 & 33-26. Note: Double action pump lifts on both push and pull stroke. NOTE: VARIOUS HOOK POSITIONS/CAPACITIES (DIM. E) FOR EACH UNIT.

†Capacities available: 2000, 1200, 1000 or 500 lbs. Please specify. Call for complete dimensions.

## Mobile Boom Lift Attachments



All extended dimensions from this base line

Important: Truck forks must extend through full length (30") of mounting tubes.

Top of boom to boom center line  
4000 lb. Models 16"  
6000 lb. Models 16-7/8"  
8000 lb. Models 18-1/4"  
1' - 4000 lbs  
1-1/8' - 6000 lbs  
1-5/16' - 8000 lbs

NOTE: Special base widths (Dimension "A") & pocket sizes (Dimensions "B" & "C") are numerous.



1. Adjust forks & direct into base fork pockets.



2. Raise forks & fasten restraining chain around lift truck carriage.

- continues -

## Mobile Boom Lift Attachments (continued)

Constructed of structural steel tubing. Capable of handling long, cumbersome loads. Retracted length 7'4"... extends to 12' (center line of hook). Check with the manufacturer of your fork lift for load capacities before using.



Easy-on easy-off restraining chain with grab hook attaches to forklift carriage to secure the unit on to the forks.

- 4000, 6000, and 8000 pound capacities
- Ten alternate hook positions
- Telescoping boom
- Welded hand pull
- Clevis-type safety hooks
- Fork pockets
- Boom lock
- 3' restraining chain
- Telescoping and non-telescoping models

Hook Position (ft)	MAXIMUM LOAD ON SINGLE HOOK Capacity (lbs)		
	Model 26-44	Model 26-46	Model 26-48
4	4000	6000	8000
5	3700	5700	7500
6	3400	5400	7000
7	3000	5000	6500
8	2500	4200	5500
9	2100	3500	4500
10	1800	3000	4000
11	1600	2700	3500
12	1500	2500	3000

Model No.	Cap. (lbs)	Ht. Dim. (in)	Size & Shpg. Wt.
26-44-S-21-2	4,000	10	STANDARD BASE, 21" wide with 2-1/2" x 7-1/2" fork pockets. Shpg. Wt. 359 lbs.
26-44-R-21-2	4,000	20-3/4	Same as above with RAISED BASE. Shpg. Wt. 400 lbs.
26-44-W-32-2	4,000	16-1/2	Same as above with 32" WIDE RAISED BASE and 2-1/2" x 7-1/2" fork pockets. Shpg. Wt. 439 lbs.
26-46-S-21-3	6,000	10	STANDARD BASE, 21" wide with 3-1/2" x 7-1/2" fork pockets. Shpg. Wt. 418 lbs.
26-46-R-21-3	6,000	20-3/4	Same as above with RAISED BASE. Shpg. Wt. 485 lbs.
26-46-W-34-3	6,000	18-1/2	Same as above with 34" WIDE RAISED BASE, 3-1/2" x 7-1/2" fork pockets. Shpg. Wt. 575 lbs.
26-48-S-21-3	8,000	10	STANDARD BASE, 21" Wide with 3-1/2" x 7-1/2" fork pockets. Shpg. Wt. 535 lbs.
26-48-R-21-3	8,000	20-3/4	Same as above with RAISED BASE. Shpg. Wt. 580 lbs.
26-48-W-34-3	8,000	18-1/2	Same as above with 34" WIDE RAISED BASE, 3-1/2" X 7-1/2" Fork pockets. Shpg. Wt. 644 lbs.

## Adjustable Pivoting Jib

Ideal for reaching those high & hard to reach objects. Excellent for setting steel, erecting racks, columns, etc.



Boom Adjustments from 8' to 12' on 1' increments And up to 50° above horizontal.

- Within seconds, you can convert your forklift into a low cost mobile boom lift with 5 alternate boom elevations from horizontal to 50° and with weight capacity up to 8,000 lbs.
- For your maximum protection, we have designed the mobile boom lift with Clevis-type safety hooks and a 3 ft. restraining chain for securing to the carriage.
- For increased versatility, the fork tubes are 35" long to fit standard forklifts and the versatile telescoping boom has 10 alternate hook positions with a boom lock for safer handling.

Hook Position (ft)	Max. Load on Single Hook Capacity (Lbs)		
	Model 26-64	Model 26-66	Model 26-68
4	4000	6000	8000
5	3700	5700	7500
6	3400	5400	7000
7	3000	5000	6500
8	2500	4200	5500
9	2100	3500	4500
10	1800	3000	4000
11	1600	2700	3500
12	1500	2500	3000

Model No.	Capacity (lbs)	H. Dim. (in)	Size - (Dim. A, B, C)	Shpg. Wt. (lbs)
26-64-P-215-2	4,000	28"	21-1/2" wide with 2-1/2" x 7-1/2" fork pockets	430
26-66-P-215-3	6,000	28"	21-1/2" wide with 3-1/2" x 7-1/2" fork pockets	515
26-68-P-215-3	8,000	28"	21-1/2" wide with 3-1/2" x 7-1/2" fork pockets	610

# Crane Attachments

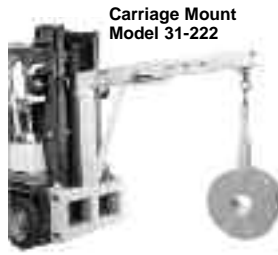
## Telescope Hi-Lift Boom Fork Lift Attachments

Designed for applications involving extension booms with higher than average underclearance requirements. Basic construction the same as other Hercules boom-lift attachments. Restraining chain provided for fork-mount models. Extension lock, welded-on hand pull and dual movable safety-latch hooks standard.

- Gives you high "reach-over" capabilities
- No fork obstructions on carriage mount models
- Capacity 4000 pounds

Model 31-222 & 31-223		Model 31-224	
Hook Position (ft/in)	Cap. (lbs)	Hook Position (ft/in)	Cap. (lbs)
2' - 6"	4,000	4' - 0"	4,000
3' - 0"	4,000	5' - 0"	3,700
3' - 6"	4,000	6' - 0"	3,400
*4' - 0"	4,000	*7' - 0"	3,000
4' - 6"	3,300	8' - 0"	2,500
5' - 0"	2,700	9' - 0"	2,100
5' - 6"	2,200	10' - 0"	1,800
6' - 0"	1,800	11' - 0"	1,600
6' - 6"	1,500	12' - 0"	1,500

\* Retracted Position of Telescoping Boom.



Carriage Mount Model 31-222

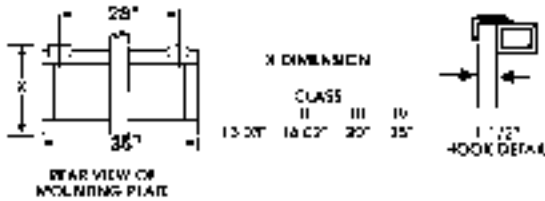


Fork Mount Model 31-224

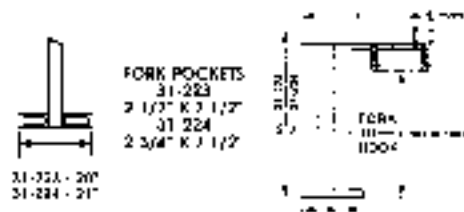
Model No.	Type Mounting (ft/in)	Exten.	Shpg. Wt. (lbs)
31-222*	Carriage	6'6"	453
31-223	Fork	6'6"	410
31-224	Fork	12'0"	775

\* Add Suffix I, II, III or IV to model no. for carriage class. Please specify.

### Overall Dimensions 31-223 & 31-224



### Easy Mounts on Forks or on Plate-Type Carriages



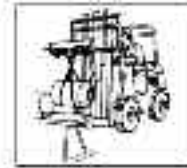
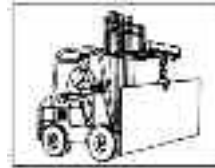
## Crane Fork Lift Attachment

Converts fork lift truck to mobile crane. Arc-welded steel frame with swivel hook in standard sizes and capacities. Easy to affix to forks by hand-tightening two bottom wing bolts against forks up to 2" in thickness. Fits onto both forks. Larger capacities available.



- 6,000 lb. capacity
- 25" width
- 24" fork spread

Model 31-18 - Weight 35 lbs.

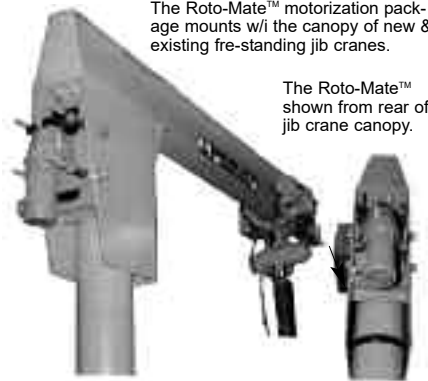


Ask us about special variations

## Jib Crane Motorization/Roto-Mate™

- Provides powered rotation for new & existing jib cranes.
- Fits almost all makes of free-standing jibs.
- Powers jibs w/capacities up to 5 tons & spans up to 20 feet.
- Push-button controls are easily added to hoist pendant.

The Roto-Mate™ motorization package mounts w/i the canopy of new & existing free-standing jib cranes.



The Roto-Mate™ shown from rear of jib crane canopy.

### BENEFITS:

- Rotate jib cranes into position with push-button controls.
- Safely position up to 5-ton loads with little operator effort.
- Reduce employee back strains and injuries.
- Accurately position loads by eliminating jib over-travel.
- Avoid machinery damage with precise boom control.
- Rotate jib booms easily in over-crowded areas.
- Improve efficiency during loading and unloading.
- Eliminate hoist side-loading with jib motorization.
- Position operators farther from jib crane loads.
- Position jib booms over hard to reach areas.

### STANDARD FEATURES:

- Fits Almost Free-Standing Jib Crane
- Available on New Cranes or as a Retrofit Package
- 1/2 Hp Drive Motor
- 230 or 460 Volt Operation
- Soft-Start Acceleration
- Dual Drive Wheels

- Adjustable Wheel Pressure
- Reversing Starter
- Field Mounted Electrical Enclosure
- Mounting Frame Sized to Fit Each Jib Crane Canopy
- Bolt-On or Weld-On Models

### OPTIONAL FEATURES:

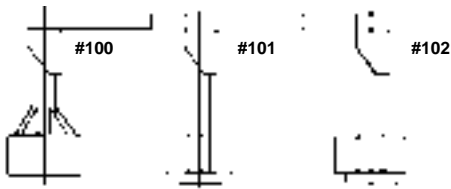
- Rotation Limit Switch
- Electrical Collector Ring Assembly
- Hoist Pendants
- Festoon Systems
- Air-Powered Versions
- Canopy Extenders (Required for Some Jibs)
- Torque Limiter
- Wall-Mounted Crane Drives Also Available

### FITS MOST JIBS!

David Round & Son, Gorbel, Spanco, Abell-Howe, Contrx, Bushman, Handling Systems, Inc., McMaster-Carr, Grainger & Others

**Material Handling**

**Jib Cranes**



**Free-Standing Models 100, 101, 102**

Capacity (tons)	Span (ft)	Height Under Boom (ft)	Mast (in)	Boom (in)	Max. Height (ft/in)	Bolt Circle Dia. (in)
1/2	10	10	8	7	10'6"	24
1/2	12	10	12	7	10'7"	30
1/2	14	10	12	8	10'8"	30
1/2	16	10	12	10	10'10"	30
1/2	18	10	12	10	10'10"	30
1/2	20	10	14	12	11'0"	36
1	10	10	12	8	10'8"	30
1	12	10	12	10	10'10"	30
1	14	10	14	12	11'0"	36
1	16	10	14	12	11'0"	36
1	18	10	14	15	11'3"	36
1	20	10	14	15	11'3"	36
2	10	12	14	12	13'0"	36
2	12	12	16	12	13'0"	42
2	14	12	16	15	13'3"	42
2	16	12	16	18	13'6"	42
2	18	12	16 x	18	13'6"	42
2	20	12	18	18	13'6"	48
3	10	12	16	15	13'3"	42
3	12	12	16 x	15	13'3"	42
3	14	12	16 x	18	13'6"	42
3	16	12	18	20	13'8"	48
3	18	12	18	20	13'8"	48
3	20	12	24	24	14'0"	60
4	10	12	16 x	15	13'3"	42
4	12	12	18	18	13'6"	48
4	14	12	18	18	13'6"	48
4	16	12	24	20	13'8"	60
4	18	12	24	24	14'0"	60
4	20	12	24	24	14'0"	60
5	10	12	18	18	13'6"	48
5	12	12	20	18	13'6"	54
5	14	12	24	20	13'8"	60
5	16	12	24	24	14'0"	60
5	18	12	24 x	24 x	14'0"	60
5	20	12	24 x	24 x	14'0"	60

NOTE: Max. height may vary w/options

**BASE PLATE MOUNTED model 100**

The base plate mounted series utilizes a hexagonal base plate which is reinforced with six kneebraces which are equally spaced on the circumference of the mast. The base plate assembly is secured by means of anchor bolts to a prescribed reinforced concrete foundation, with the number of anchor bolts varying with the capacity of the crane. Six bolts are used for columns less than 16" in diameter and 12 bolts for columns 16" in diameter and greater.

**FOUNDATION MOUNTED model 101**

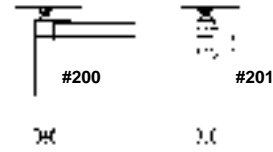
The foundation mounted jib crane utilizes a square steel plate which is welded to the bottom of the column. This plate is used to position and level the mast by anchoring it to a first-pour concrete footing. Then a second pour of reinforced concrete is used to actually support the mast. This style of free standing jib crane makes complete use of the work floor area and could be used in an application where the base plate would hamper floor activity.

**SLEEVE INSERT MOUNTED model 102**

The sleeve mounted jib crane utilizes a sleeve which is positioned and set in reinforced concrete before installation. An advantage of this style is that the crane can be relocated without damaging the mast. The insert mounted jib crane also offers all the advantages of the foundation mounted jib crane in respect to full utilization of the floor space surrounding the mast, but is leveled by means of wedges placed between the mast and sleeve. After leveling, the mast is welded to the sleeve for rigidity.

**Mast Series Jib Crane Model 200, 201**

Capacity (tons)	Span (ft)	Max. Height (ft/in)	Mast (in)	Boom (in)
1/2	10	10'0"	10	8
1/2	16	10'0"	14	10
1/2	20	10'0"	14	12
1	10	10'0"	14	10
1	16	10'0"	14	12
1	20	10'0"	16	15
2	10	12'0"	14	12
2	16	12'0"	18	18
2	20	12'0"	21	20
3	10	12'0"	16	15
3	16	12'0"	21	20
3	20	12'0"	21	24
4	10	14'0"	18	15
4	16	14'0"	21	20
4	20	14'0"	24	24
5	10	14'0"	18	18
5	16	14'0"	24	24
5	20	14'0"	27	24 x



**FULL CANTILEVER model 200**

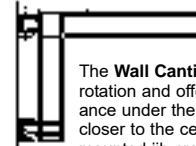
This jib crane provides 360° rotation and utilizes an I-beam for the boom and an H-beam for the column. Two types of bearing arrangements are utilized on the full cantilever style. For the top bearing assembly a self-aligning spherical bearing is used. For the bottom assembly a bronze bearing and bronze thrust washer is utilized. Both bearing assemblies are provided with grease fittings to aid rotation.

**DROP CANTILEVER model 201**

This model is identical to the Model 200 with the addition of a side-plate connection which allows the boom to be mounted permanently at any specified height on the mast.

**Wall Cantilever Model 300**

Capacity (tons)	Span (ft)	Support Bracket Centers (ft/in)	Beam (in)	Support to Pivot Point (in)
1/2	10	4'0"	8	3-1/2
1/2	16	4'0"	10	3-1/2
1/2	20	4'0"	12	3-1/2
1	10	5'0"	10	3-1/2
1	16	6'0"	12	3-1/2
1	20	6'0"	15	3-1/2
2	10	4'0"	12	4
2	16	6'0"	18	4
2	20	6'0"	20	4
3	10	4'0"	15	6-1/2
3	16	6'6"	18	6-1/2
3	20	9'6"	24	6-1/2
5	10	6'6"	18	6-1/2
5	16	9'6"	24	6-1/2
5	20	9'6"	24	6-1/2



The Wall Cantilever Jib Crane provides 200° rotation and offers the greatest potential clearance under the boom since it can be installed closer to the ceiling than other styles of wall mounted jib cranes.

The wall cantilever jib crane comes in two types: welded connection or bolted connection. The welded connection is utilized in most capacity and boom spans. In the larger spans and capacities, the bolted type of connection is utilized because of shipping considerations. Stiffeners are welded to the mast at the point where the wall brackets are connected to stiffen the web of the beam.

The wall cantilever jib cranes are available in 1/4, 1/2, 1, 1-1/2, 2, 3, 4, and 5-ton capacities; and spans ranging from 8 to 30'. Contact your Sales Rep. for special applications.

**Wall Bracket Model 301**

Capacity (tons)	Span (ft)	Support Bracket Centers (ft/in)	Beam Bracket to Beam End (in/ft)	Beam (in)	Support to Pivot Point (in)	Tie Rod Dia. (in)
1/2	10	3'0"	1'6"	6	3-1/2	1
1/2	16	5'6"	2'0"	6	3-1/2	1
1/2	20	6'6"	2'3"	8	3-1/2	1
1	10	3'0"	1'6"	6	3-1/2	1
1	16	5'6"	2'3"	8	3-1/2	1
1	20	6'6"	2'6"	10	3-1/2	1
2	10	3'0"	1'6"	8	4	1-1/2
2	16	5'6"	2'3"	10	4	1-1/2
2	20	6'6"	2'6"	12	4	1-1/2
3	10	3'3"	1'6"	8	4	1-1/2
3	16	5'6"	2'3"	10	4	1-1/2
3	20	7'0"	2'6"	12*	4	1-1/2
5	10	3'3"	1'6"	12	6-1/2	2
5	16	5'6"	2'6"	15	6-1/2	2
5	20	7'0"	3'6"	15*	6-1/2	2

\*Capped I-Beam

Standard SPANCO Features:

- Capacities to 15 tons.
- Spans to 40 feet.
- Manual, electric, air or natural gas-powered rotation of all styles
- 200° or 360° boom rotation
- Standard American I-Beams
- Heavy wall pillars
- Safety yellow paint



The Wall Bracket Jib Crane is a style which offers 200° rotation with the advantage of no supporting components under the boom. This utilizes the maximum work area, which might also include work close to the existing structure. The SPANCO wall bracket jib crane utilizes a standard I-Beam for the boom, a tie rod threaded at both ends, a fabricated beam bracket and two wall brackets; one for the tie rod and one for the boom. This design is the cheapest style of jib crane, provided overhead clearance is not a limiting factor.

The top and bottom wall brackets utilize a formed steel channel, bolt clevis with two bronze bushings, and a formed tie rod clevis. All bolted connections are in double shear. All swivel connections utilize bronze bushings and grease fittings to aid the ease of rotation and long life as well as low maintenance.

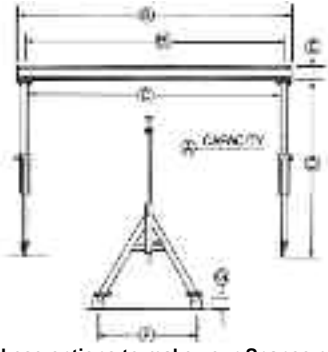
The SPANCO wall bracket jib crane has one tie rod. A single tie rod centered properly assures the beam will be loaded evenly. Two tie rods can create off-center loading if both rods are not properly leveled. SPANCO's design eliminates this potential problem.

# Gantries

## A Series Gantries - Steel, Adjustable Height

Use this diagram to select your gantry from the model charts. Our engineers will work with you to determine the perfect gantry system for you. For technical assistance, call your qualified Rep.

Use this diagram to select your gantry from the model charts.



Use these options to make your Spanco gantry more versatile

### LUG-ALL winch-hoist kit

This kit lets you adjust your gantry to suit different lifting jobs and move through doorways. It includes two LUG-ALL cable winch-hoists. Two people can

simply raise or lower the gantry with winches mounted on each A-frame. When not in use, the winches can be used in other shop operations. For use with A Series gantries only.

\*For use with gantries weighing over 3,000 lbs., including weight of hoist and trolley.

Wt.	Pt. No.
16 lbs.	03015
20 lbs.	03090*



### Flexibility for all your lifting needs

Spanco's complete line of adjustable height steel gantries handles up to 10 tons. These gantries can perform a wide range of moving & lifting jobs in your shop.

### Track-mounting... less expensive and easier to install than overhead cranes and monorails

Track-mounted Spanco gantries travel smoothly to let you move your load easily and in alignment along a fixed route.

This is a cost effective alternative to expensive overhead monorails and bridge cranes. And track-mounted gantries are simple to install and remove. No permanent ironwork is required. Perfect if you rent or lease your operation.



Fixed length angle track is available in 5-, 15- and

20-foot stock lengths. Five-foot removable lengths let you clear passages through the track. Six-inch removable track is available for use under overhead doors. Use with Spanco V-groove casters.

Track is constructed of inverted steel angle welded to a flat strip for use with 3/8" lag bolts (not supplied), with male/female ends for true alignment.

Cap. (ton)	Lgth. (ft/in)	Description	Wt. (lbs)	Part No.
15	5'	Fixed Length	34	05-0088
15	15'	Fixed Length	100	05-0089
15	20'	Fixed Length	133	05-0090
15	5'	Removable Length (for lift truck passage)	34	05-0091
15	6"	Removable Length (for use under overhead doors)	3.5	05-0092
15	4"	Heavy Duty End Stop	7	05-0093
5	5'	Fixed Length	23	05-0094
5	15'	Fixed Length	66	05-0095
5	20'	Fixed Length	88	05-0096
5	5'	Removable Length (for lift truck passage)	22	05-0097
5	5"	Removable Length (for use under overhead doors)	2.5	05-0098
5	4"	Heavy Duty End Stop	5	05-0099

Cap (ton) A	Span overall (ft) B	Span Btwn Wheel Centers (in/ft) B <sub>1</sub>	Clear Span (in/ft) C	Height Max. (in/ft) D	Height Min. (in/ft) D	I-Beam Depth (in) E	Thread (in) F	Caster Dia. (in) G	Wt. † (lbs)	model No. †	Cap (ton) A	Span overall (ft) B	Span Btwn Wheel Centers (in/ft) B <sub>1</sub>	Clear Span (in/ft) C	Height Max. (in/ft) D	Height Min. (in/ft) D	I-Beam Depth (in) E	Thread (in) F	Caster Dia. (in) G	Wt. † (lbs)	model † No.
1	8	7'3"	6'11"	10'2"	7'2"	6"	5'5"	6"	404	1A0810B	5	10	9'1"	8'7"	12'10"	9'4"	10"	6'6"	8"	1,040	5A1012B
1	8	7'3"	6'11"	12'8"	9'8"	6"	5'5"	6"	428	1A0812B	5	10	9'1"	8'7"	15'10"	12'4"	10"	6'6"	8"	1,124	5A1015B
1	8	7'3"	6'10"	15'5"	12'0"	6"	6'6"	8"	694	1A0815B	5	15	14'1"	13'7"	12'10"	9'4"	12"	6'6"	8"	1,263	5A1512B
1	10	9'3"	8'11"	10'2"	7'2"	6"	5'5"	6"	429	1A1010B	5	15	14'1"	13'7"	15'10"	12'4"	12"	6'6"	8"	1,347	5A1515B
1	10	9'3"	8'11"	12'8"	9'8"	6"	5'5"	6"	453	1A1012B	5	20	19'1"	18'7"	12'10"	9'4"	15"	6'6"	8"	1,644	5A2012B
1	10	9'3"	8'10"	15'6"	12'0"	6"	6'6"	8"	719	1A1015B	5	20	19'1"	18'7"	15'10"	12'4"	15"	6'6"	8"	1,728	5A2015B
1	12	11'3"	10'11"	10'2"	7'2"	6"	5'5"	6"	454	1A1210B	5	25	24'1"	23'7"	12'10"	9'4"	18"	6'6"	8"	2,154	5A2512B
1	12	11'3"	10'11"	12'8"	9'8"	6"	5'5"	6"	478	1A1212B	5	25	24'1"	23'7"	15'10"	12'4"	18"	6'6"	8"	2,238	5A2515B
1	12	11'3"	10'10"	15'6"	12'0"	6"	6'6"	8"	744	1A1215B	5	30	29'1"	28'7"	12'10"	9'4"	20"	6'6"	8"	2,766	5A3012B
1	15	14'3"	13'11"	10'2"	7'2"	8"	5'5"	6"	533	1A1510B	5	30	29'1"	28'7"	15'10"	12'4"	20"	6'6"	8"	2,850	5A3015B
1	15	14'3"	13'11"	12'8"	9'8"	8"	5'5"	6"	557	1A1512B	5	35	34'1"	33'7"	12'10"	9'4"	20**	6'6"	8"	3,394	5A3512B
1	15	14'3"	13'10"	15'6"	12'0"	8"	6'6"	8"	823	1A1515B	5	35	34'1"	33'7"	15'10"	12'4"	20**	6'6"	8"	3,478	5A3515B
1	20	19'3"	18'11"	10'2"	7'2"	8"	5'5"	6"	672	1A2010B	5	40	39'1"	38'7"	12'10"	9'4"	24"	6'6"	8"	3,986	5A4012B
1	20	19'3"	18'11"	12'8"	9'8"	8"	5'5"	6"	696	1A2012B	5	40	39'1"	38'7"	15'10"	12'4"	24"	6'6"	8"	4,070	5A4015B
1	20	19'3"	18'10"	15'6"	12'0"	8"	6'6"	8"	962	1A2015B	7 1/2	10	9'1"	8'7"	13'0"	9'0"	12"	6'6"	12"	1,398	7A1013B
1	25	24'3"	23'11"	10'2"	7'2"	10"	5'5"	6"	939	1A2510B	7 1/2	10	9'1"	8'7"	16'0"	12'0"	12"	6'6"	12"	1,500	7A1016B
1	25	24'3"	23'11"	12'8"	9'8"	10"	5'5"	6"	963	1A2512B	7 1/2	15	14'1"	13'7"	13'0"	9'0"	15"	6'6"	12"	1,723	7A1513B
1	25	24'3"	23'10"	15'6"	12'0"	10"	6'6"	8"	1,229	1A2515B	7 1/2	15	14'1"	13'7"	16'0"	12'0"	15"	6'6"	12"	1,825	7A1516B
1	30	29'3"	28'10"	12'6"	9'0"	15"	6'6"	8"	1,822	1A3012B	7 1/2	20	19'1"	18'7"	13'0"	9'0"	18"	6'6"	12"	2,174	7A2013B
1	30	29'3"	28'10"	15'6"	12'0"	15"	6'6"	8"	1,881	1A3015B	7 1/2	20	19'1"	18'7"	16'0"	12'0"	18"	6'6"	12"	2,276	7A2016B
1	35	34'1"	33'8"	12'6"	9'0"	15"	6'6"	8"	2,036	1A3512B	7 1/2	25	24'1"	23'7"	13'0"	9'0"	20**	6'6"	12"	3,113	7A2513B
1	35	34'1"	33'8"	15'6"	12'0"	15"	6'6"	8"	2,095	1A3515B	7 1/2	25	24'1"	23'7"	16'0"	12'0"	20**	6'6"	12"	3,215	7A2516B
1	40	39'1"	38'8"	12'6"	9'0"	18"	6'6"	8"	2,723	1A4012B	7 1/2	30	29'1"	28'7"	13'0"	9'0"	20**	6'6"	12"	3,519	7A3013B
1	40	39'1"	38'8"	15'6"	12'0"	18"	6'6"	8"	2,782	1A4015B	7 1/2	30	29'1"	28'7"	16'0"	12'0"	20**	6'6"	12"	3,621	7A3016B
2	10	9'3"	8'10"	12'6"	9'0"	8"	6'6"	8"	719	2A1012B	7 1/2	35	34'1"	33'7"	13'0"	9'0"	24**	6'6"	12"	4,415	7A3513B
2	10	9'3"	8'10"	15'6"	12'0"	8"	6'6"	8"	778	2A1015B	7 1/2	35	34'1"	33'7"	16'0"	12'0"	24**	6'6"	12"	4,517	7A3516B
2	15	14'3"	13'10"	12'6"	9'0"	10"	6'6"	8"	916	2A1512B	7 1/2	40	39'1"	38'7"	13'0"	9'0"	24**	6'6"	12"	4,892	7A4013B
2	15	14'3"	13'10"	15'6"	12'0"	10"	6'6"	8"	975	2A1515B	7 1/2	40	39'1"	38'7"	16'0"	12'0"	24**	6'6"	12"	4,994	7A4016B
2	20	19'3"	18'10"	12'6"	9'0"	10"	6'6"	8"	1,043	2A2012B	10	10	9'1"	8'7"	13'0"	9'0"	15"	6'6"	12"	1,803	10A1013B
2	20	19'3"	18'10"	15'6"	12'0"	10"	6'6"	8"	1,102	2A2015B	10	10	9'1"	8'7"	16'0"	12'0"	15"	6'6"	12"	1,939	10A1016B
2	25	24'3"	23'10"	12'6"	9'0"	15"	6'6"	8"	1,608	2A2512B	10	15	14'1"	13'7"	13'0"	9'0"	18"	6'6"	12"	2,194	10A1513B
2	25	24'3"	23'10"	15'6"	12'0"	15"	6'6"	8"	1,667	2A2515B	10	15	14'1"	13'7"	16'0"	12'0"	18"	6'6"	12"	2,330	10A1516B
2	30	29'1"	28'8"	12'6"	9'0"	18"	6'6"	8"	2,176	2A3012B	10	20	19'1"	18'7"	13'0"	9'0"	20"	6'6"	12"	2,694	10A2013B
2	30	29'1"	28'8"	15'6"	12'0"	18"	6'6"	8"	2,235	2A3015B	10	20	19'1"	18'7"	16'0"	12'0"	20"	6'6"	12"	2,830	10A2016B
2	35	34'1"	33'8"	12'6"	9'0"	18"	6'6"	8"	2,449	2A3512B	10	25	24'1"	23'7"	13'0"	9'0"	24"	6'6"	12"	3,374	10A2513B
2	35	34'1"	33'8"	15'6"	12'0"	18"	6'6"	8"	2,508	2A3515B	10	25	24'1"	23'7"	16'0"	12'0"	24"	6'6"	12"	3,510	10A2516B
2	40	39'1"	38'8"	12'6"	9'0"	20"	6'6"	8"	3,175	2A4012B	10	30	29'1"	28'7"	13'0"	9'0"	24**	6'6"	12"	4,395	10A3013B
2	40	39'1"	38'8"	15'6"	12'0"	20"	6'6"	8"	3,234	2A4015B	10	30	29'1"	28'7"	16'0"	12'0"	24**	6'6"	12"	4,531	10A3016B
3	10	9'1"	8'7"	12'6"	9'0"	10"	6'6"	8"	793	3A1012B	10	35	34'1"	33'7"	13'0"	9'0"	24**	6'6"	12"	4,899	10A3513B
3	10	9'1"	8'7"	15'6"	12'0"	10"	6'6"	8"	857	3A1015B	10	35	34'1"	33'7"	16'0"	12'0"	24**	6'6"	12"	5,035	10A3516B
3	15	14'1"	13'7"	12'6"	9'0"	10"	6'6"	8"	990	3A1512B	10	40	39'1"	38'7"	13'0"	9'0"	24**	6'6"	12"	5,402	10A4013B
3	15	14'1"	13'7"	15'6"	12'0"	10"	6'6"	8"	1,054	3A1515B	10	40	39'1"	38'7"	16'0"	12'0"	24**	6'6"	12"	5,538	10A4016B
3	20	19'1"	18'7"	12'6"	9'0"	12"	6'6"	8"	1,247	3A2012B	10	40	39'1"	38'7"	13'0"	9'0"	24**	6'6"	12"	1,803	10A1013B
3	20	19'1"	18'7"	15'6"	12'0"	12"	6'6"	8"	1,311	3A2015B	10	40	39'1"	38'7"	16'0"	12'0"	24**	6'6"	12"	1,939	10A1016B
3	25	24'1"	23'7"	12'6"	9'0"	18"	6'6"	8"	2,021	3A2512B	10	40	39'1"	38'7"	13'0"	9'0"	24**	6'6"	12"	2,194	10A1513B
3	25	24'1"	23'7"	15'6"	12'0"	18"	6'6"	8"	2,066	3A2515B	10	40	39'1"	38'7"	16'0"	12'0"	24**	6'6"	12"	2,330	10A1516B
3	30	29'1"	28'7"	12'6"	9'0"	20"	6'6"	8"	2,634	3A3012B	10	40	39'1"	38'7"	13'0"	9'0"	24**	6'6"	12"	2,694	10A2013B
3	30	29'1"	28'7"	15'6"	12'0"	20"	6'6"	8"	2,679	3A3015B	10	40	39'1"	38'7"	16'0"	12'0"	24**	6'6"	12"	2,830	10A2016B
3	35	34'1"	33'7"	12'6"	9'0"	20**	6'6"	8"	3,500	3A3512B	10	40	39'1"	38'7"	13'0"	9'0"	24**	6'6"	12"	3,374	10A2513B
3	35	34'1"	33'7"	15'6"	12'0"	20**	6'6"	8"	3,545	3A3515B	10	40	39'1"	38'7"	16'0"	12'0"	24**	6'6"	12"	3,510	10A2516B
3	40	39'1"	38'7"	12'6"	9'0"	20**	6'6"	8"	3,634	3A4012B	10	40	39'1"	38'7"	13'0"	9'0"	24**	6'6"	12"	4,395	10A3013B
3	40	39'1"	38'7"																		

## Material Handling

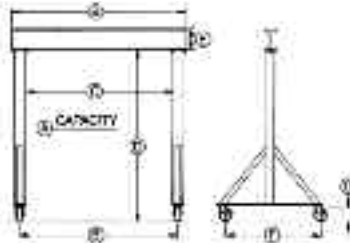
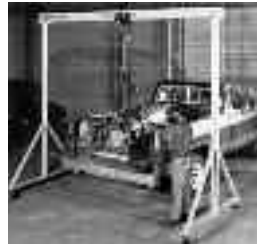
# Gantries/Tripods

### E Series Gantries - Steel, Fixed Height

The economy and capacity you want in gantries. Why buy more gantry than you need? This Spanco line of economy gantries is available in a selection of capacities to provide you with dependable overhead support for countless applications.

The steel economy gantries conform to military specifications\* and are sturdily constructed of high-strength mechanical tubing... all-welded construction. Gantries roll easily on durable polyurethane wheels that will not mark floors. Wheel brakes, swivel locks and other wheel and caster styles are also available.

Use this diagram to select your gantry from the model charts.

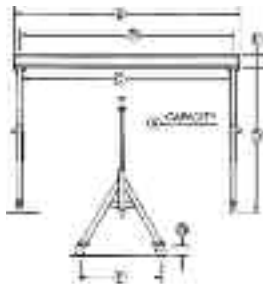


All gantries have a standard American I-beam. Gantries can also be bought without the I-beam for freight savings. The gantries are shipped in three pieces and can be quickly assembled. Higher capacities are available on request.

\*Standard fixed height steel models meet MIL-G-29673 except for use of lightweight, nonmarking, polyurethane wheels. Steel wheels available (option) to fully meet MIL-G-29673.

Cap (ton) A	Span over-all (ft) B	Span Btwn. Wheel Centers (in/ft) B1	Clear Span (in/ft) C	Clear Height (in) D	I-Beam Depth (in) E	Thread (in) F	Caster Dia. (in) G	with I-Beam	
								Wt. (lbs)	Model No.
1	12'	11'3"	10'11"	10"	6"	64"	6"	354	F2000
2	12'	11'3"	10'11"	10"	8"	64"	6"	580	F4000
3	12'	11'3"	10'10"	10"	10"	64"	8"	719	F6000
5	12'	11'1"	10'7"	10"	12"	64"	8"	925	F10000

### A Series Gantries - Aluminum, Adjustable Height/Span



A complete line of 24 models

Aluminum gantries are available in 1- and 2-ton capacities and feature:

- Adjustable height
- Infinitely adjustable I-Beam
- 4 position, swivel lock casters w/ nonscuff moldon polyurethane wheels to give maximum protection against marking floors, cracking and chipping.
- Corrosion-Resistant
- Completely portable

Cap (ton) A	Span over-all (ft) B	Span Btwn. Wheel Centers (in/ft) B1	Clear Span (in/ft) C	Height Max. (in/ft) D	Height Min. (in/ft) D	I-Beam Depth (in) E	Thread (in/ft) F	Caster Dia. (in) G	Wt. (lbs)	Model No.
1	8	7'6"	6'11"	8'2"	5'8"	6"	4'6"	6"	150	1ALU0808B
1	8	7'6"	6'11"	10'2"	7'8"	6"	4'6"	6"	160	1ALU0810B
1	8	7'6"	6'11"	12'2"	9'8"	6"	4'6"	6"	198	1ALU0812B
1	10	9'6"	8'11"	8'2"	5'8"	6"	4'6"	6"	158	1ALU1008B
1	10	9'6"	8'11"	10'2"	7'8"	6"	4'6"	6"	168	1ALU1010B
1	10	9'6"	8'11"	12'2"	9'8"	6"	4'6"	6"	206	1ALU1012B
1	12	11'6"	10'10"	8'2"	5'8"	8"	4'6"	6"	194	1ALU1208B
1	12	11'6"	10'10"	10'2"	7'8"	8"	4'6"	6"	204	1ALU1210B
1	12	11'6"	10'10"	12'2"	9'8"	8"	4'6"	6"	242	1ALU1212B
1	15	14'6"	13'10"	8'2"	5'8"	10"	4'6"	6"	249	1ALU1508B
1	15	14'6"	13'10"	10'2"	7'8"	10"	4'6"	6"	259	1ALU1510B
1	15	14'6"	13'10"	12'2"	9'8"	10"	4'6"	6"	297	1ALU1512B
2	8	7'6"	6'11"	8'2"	5'8"	8"	4'6"	6"	219	2ALU0808B
2	8	7'6"	6'11"	10'2"	7'8"	8"	4'6"	6"	231	2ALU0810B
2	8	7'6"	6'11"	12'2"	9'8"	8"	4'6"	6"	269	2ALU0812B
2	10	9'6"	8'11"	8'2"	5'8"	10"	4'6"	6"	256	2ALU1008B
2	10	9'6"	8'11"	10'2"	7'8"	10"	4'6"	6"	269	2ALU1010B
2	10	9'6"	8'11"	12'2"	9'8"	10"	4'6"	6"	306	2ALU1012B
2	12	11'6"	10'10"	8'2"	5'8"	12"	4'6"	6"	300	2ALU1208B
2	12	11'6"	10'10"	10'2"	7'8"	12"	4'6"	6"	312	2ALU1210B
2	12	11'6"	10'10"	12'2"	9'8"	12"	4'6"	6"	350	2ALU1212B
2	15	14'6"	13'10"	8'2"	5'8"	12"	4'6"	6"	333	2ALU1508B
2	15	14'6"	13'10"	10'2"	7'8"	12"	4'6"	6"	345	2ALU1510B
2	15	14'6"	13'10"	12'2"	9'8"	12"	4'6"	6"	383	2ALU1512B

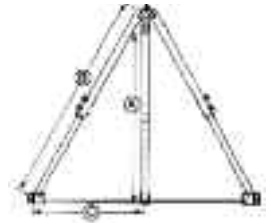
\* 2-foot extension to top of gantry is removable & can be ordered separately to increase height of 8 ft. or 10 ft. high models. Will retrofit to any Spanco 1- or 2-ton adjustable height aluminum gantry. Part No. 08029, wt. 38 lbs.

### Tripods - Steel/Aluminum, Adjustable/Fixed Height

Sturdy lightweight tripods set up quickly for heavy lifting in areas with no overhead support. Independently adjustable legs permit use on uneven ground and adjust on 6" centers. Standard lashing kit prevents the legs from spreading on hard or soft surfaces and is included with every tripod. Steel or, for greater portability, aluminum construction. Capacities from 1 to 3 tons.

- Free swiveling eye bolt always hangs plumb to protect tripod head from twist, and strain.
- Aluminum feet are used on all hard surfaces. This foot style is supplied as standard on all models unless otherwise specified.
- Mud feet are used on soft ground. Integral spikes dig in and prevent legs from slipping or sinking into the ground. Completely interchangeable with aluminum feet and available as an optional accessory or in place of aluminum feet. Please specify.

Use this diagram to select your tripod from the model chart.



Capacity (ton)	Height Eye Bolt to Floor A		Overall Length B		Dim. Between Legs Height Net C		Wt. (tons)	Model No.
	Max.	Min.	Max.	Min.	Max.	Min.		
1 Ton Steel	8'7"	5'2"	10'0"	6'0"	9'2"	5'10"	120	ATS-02-0805
	11'2"	6'10"	13'0"	8'0"	11'9"	7'7"	149	ATS-02-1107
	13'9"	8'7"	16'2"	10'0"	14'6"	9'3"	178	ATS-02-1309
	16'5"	10'4"	19'2"	12'2"	17'1"	11'0"	207	ATS-02-1610
	19'0"	12'2"	22'0"	14'2"	19'6"	12'9"	355	ATS-02-1912
1 Ton Alum.	6'0"	3'5"	7'2"	4'2"	6'7"	4'1"	40	ATA-02-0604
	8'7"	5'2"	10'0"	6'0"	9'2"	5'10"	49	ATA-02-0805
	11'2"	6'10"	13'0"	8'0"	11'9"	7'7"	61	ATA-02-1107
	13'9"	8'7"	16'2"	10'2"	14'6"	9'3"	140	ATA-02-1309
	16'5"	10'4"	19'2"	12'2"	17'1"	11'0"	162	ATA-02-1610
2 Ton Steel	8'7"	5'2"	10'0"	6'0"	9'2"	5'10"	137	ATS-04-0805
	11'2"	6'10"	13'0"	8'0"	11'9"	7'7"	170	ATS-04-1107
	13'9"	8'7"	16'2"	10'2"	14'6"	9'3"	202	ATS-04-1309
	16'5"	10'4"	19'2"	12'2"	17'1"	11'0"	234	ATS-04-1610
	19'0"	12'2"	22'0"	14'2"	19'6"	12'9"	394	ATS-04-1912
2 Ton Alum.	6'0"	3'5"	7'2"	4'2"	6'7"	4'1"	61	ATS-04-0604
	8'7"	5'2"	10'0"	6'0"	9'2"	5'10"	79	ATS-04-0805
	11'2"	6'10"	13'0"	8'0"	11'9"	7'7"	119	ATS-04-1107
	13'9"	8'7"	16'2"	10'2"	14'6"	9'3"	138	ATS-04-1309
	16'5"	10'4"	19'2"	12'2"	17'1"	11'0"	160	ATS-04-1610
3 Ton Steel	8'7"	5'2"	10'0"	6'0"	9'2"	5'10"	138	ATS-06-0805
	11'2"	6'10"	13'0"	8'0"	11'9"	7'7"	170	ATS-06-1107
	13'9"	8'7"	16'2"	10'2"	14'6"	9'3"	262	ATS-06-1309
	16'5"	10'4"	19'2"	12'2"	17'1"	11'0"	332	ATS-06-1610
	19'0"	12'2"	22'0"	14'2"	19'6"	12'9"	421	ATS-06-1912
3 Ton Alum.	6'0"	3'5"	7'2"	4'2"	6'7"	4'1"	76	ATA-06-0604
	8'7"	5'2"	10'0"	6'0"	9'2"	5'10"	98	ATA-06-0805
	11'2"	6'10"	13'0"	8'0"	11'9"	7'7"	130	ATA-06-1107
3 Ton Steel Fixed	13'9"	8'7"	16'2"	10'2"	14'6"	9'3"	164	ATA-06-1309
	5'0"	6'0"	5'7"	7'6"	7'6"	7'6"	76	FTS-06-05
2 Ton Steel Fixed	12'0"	14'0"	12'6"	165	FTS-04-12			
	5'0"	6'0"	5'7"	7'6"	7'6"	7'6"	34	FTA-03-05
1-1/2 Ton Alum. Fixed	8'5"	10'0"	9'0"	50	FTA-03-08			
	12'0"	14'0"	12'6"	66	FTA-1.5-12			

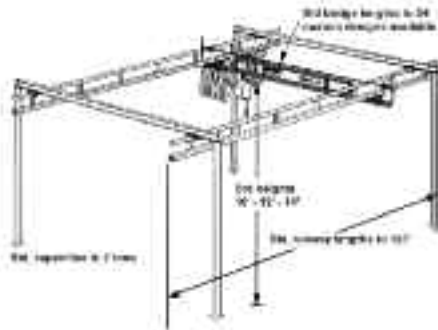


## Bridge Cranes/Manipulators

### Met-Track® Stand Alone Workstation Bridge Crane

Capacity Ranges: 500, 1000, 2000, 4000 lbs.

**Easy Movement:** An operator could be pushing a 1000 lb. load, however the operator will experience the force of only 10 lb. to begin moving the load and 8 lb. to continue moving the load (100 to 1 ratio). Also a manual crane operates more quickly than a motorized crane.



Pre-engineered system kit. Everything supplied except hoist and anchor bolts.

**Capacity:** Load weights should be predetermined in order to avoid buying extra, unneeded capacity. Bridge dead weight will add more weight to the load the operator will be moving.

**Width:** Bridge span is the length of a bridge between centers of two runways. Spanco's standard design provides a standard bridge overhang from 12 in. to 24 in. on each end beyond centerline. Bridge length is the overall length.

**Length:** Runway length is determined by the length of a specific area requiring coverage. Runways are supported on maximum 20, 25, or 30 ft. support centers.

**Height:** In order to attain minimal resistance, it is recommended that the trolley clevis height be kept as low as possible, with practical consideration given to minimum headroom requirements. Height is measured from the floor to the trolley clevis from which a hoist is suspended. The specification charts give the overall height of each system.

Please call your Rep. for complete details & specifications on Bridge Cranes & their components.

### Crane Components Motor Driven Type Kits CM

(Capacity 1/4 - 5 Tons spans to 36 feet)

CM crane bridge kits contain all the parts needed to build top running single girder crane bridges, except for the bridge beam, cross shaft (when required) and trolley stop angles. Each kit features:

- End truck frames are steel channel box section weldment, reinforced at the wheel axles and girder connection
- 8" high strength ductile iron wheels with cylindrical treads
- Wheel bearings are lifetime lubricated ball bearings
- Cross shaft support with antifriction lifetime lubricated bearings
- Cross shaft coupling connects cross shaft to pinion shaft at each end truck and couples sections of cross shaft
- Right angle, shaft mounted gear reducers mount on either end of bridge
- Traverse reducers stop motion of bridge within a distance in feet equal to 10% of full load speed in feet per minute (at maximum speed with maximum rated load)
- Bridge traverse motor is 1/2 h.p., 1800 R.P.M., single speed, squirrel cage type
- Control panel includes mainline contactor, 115 volt control circuit transformer with fused secondary terminal strip, bridge fusing and reversing contactor in NEMA 1 case
- Fused disconnect switch offers positive power disconnect
- Options: 2 speed drive
  - Single phase drive
  - Electric bridge brake
  - Rubber bumpers
  - Electronic acceleration control
  - Optional enclosures
- One-year warranty
- Made in U.S.A.



### Crane Components Push & Hand Geared Type Kits CM

(Capacity 1/2 - 5 Tons spans to 36 feet)

CM crane bridge kits contain all the parts needed to build underhung single girder crane bridges, except for the bridge beam, cross shaft and trolley stop angles. Illustrated, easy-to-understand assembly manual is included in each kit.

- One-year warranty
- Made in U.S.A.

*Push type kits contain:*

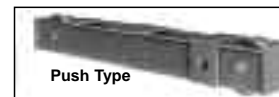
- End trucks (1 pair)
- Complete attachment hardware with driving pinion

*Hand geared kits contain:*

- End trucks (1 pair) complete with driving pinion and attachment hardware
- Cross shaft support
- Drive couplings (2)
- Chain wheel and chain guide
- 36 foot length of hand chain with open connecting link

*Material to be purchased locally:*

- American standard section I-beam that is at least 16" longer than the span for a 3 ton bridge, at least 18-1/2" longer than the span for 5 ton bridge
- For hand geared bridges only: 1" diameter cross shaft to match span.



### Conco Manipulator Products

These compact, easy-to-handle pneumatic units eliminate the debilitating problems connected with manual handling operations.

#### Conco Balance Master Mount

- Exact positioning up or down, in or out through the work envelope
- Constant support and positive control
- Integrated operator control
- Fast and precise 3-dimensional handling with minimal force
- Variety of installations: floor mounting, ceiling mounting or overhead trolley
- Made in U.S.A.

#### Conco Clearance Master Manipulator

- Low headroom manipulator performs with overhead limitations as low as 8 feet
- Parallelogram construction pneumatic controls
- Can be floor mounted or head mounted
- Engineered with integrated systems to provide operator and product with maximum protection
- Made in U.S.A.

#### Conco Electrified Articulated Jib Arm

- Two 360° pivot arms enable it to reach into confined areas
- Horizontal and vertical maneuverability in low headroom areas
- Can be floor mounted or overhead mounted
- Electrified
- Air plumbing available
- Made in U.S.A.

#### Conco Custom Tooling

- Custom design for right "grab" that grips w/o damage
- Addresses load, tilt, rotation or combination of moves with minimal operator effort
- Made in U.S.A.



**Material Handling**

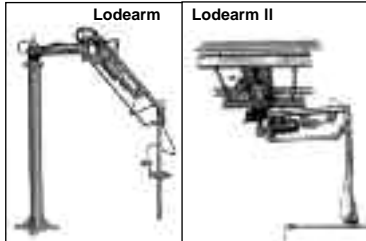
**Manipulators/Movers/Lifts**

**CM Lodearm**

**Lightweight Manipulator**

Provides excellent maneuverability of payloads up to 200 pounds, increasing workers' capacity to perform physically stressful repetitive lifting tasks.

- Fits into work cells too small for larger manipulators
- Designed for radial reach without overhead support systems
- Mounts on stationary floor pedestal, portable base or overhead trolley
- Lost load protection
- 5:1 design factor minimum



**CM LODEARM II**

- Engineered for limited space work cells and assembly lines
- Specifically designed for lifting, transfer and positioning of parts from mid-thigh to mid-chest height
- Lifting capacities up to 200 lbs.
- 5:1 design factor minimum

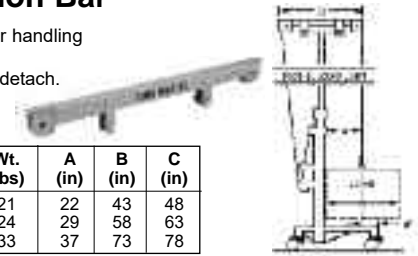
**CM REACTIONARM**

- Balance configuration for "zero gravity" control
- Modular design for interchangeable mountings
- 5:1 design factor minimum
- Stops vibration, torsional forces and impact force
- Reduces carpal tunnel injury and cumulative trauma disorders



**Tee-Head Extension Bar**

- Expands the Roust-A-Bout for handling bulky loads up to 1,000 lbs.
- Takes only minutes to attach/detach.



**Series 2000 Contractor Lifts**

The "Series 2000" Contractor Lifts have innovative safety features not found on other lifts on the market today, including sturdy aluminum masts which are wider and stronger. When transporting the Sumner lifts the masts are automatically held together by a unique auto-lock system (patent pending).

Users no longer need to add homemade fork extensions because on the Sumner 2000 series, they are already built in. Forks will extend to 42" and lock into place with the push of a button (patent pending). Once extended, the new weight capacity of 200 lbs. is clearly shown on the forks, ensuring safety.

On the Series 2000, a cable safety brake is standard - not an option. In the unlikely event that the cable should go slack, the load remains in place on the forks. You can count on Sumner to provide this extra margin of protection.



**Features:**

- Available in 12', 18' and 24' heights
- Folds up Handily for Storage or Transport
- Stores Easily
- Rolls into Vehicles
- Equipped with Loading Bar
- Tough 5" Casters
- Reverse Fork for Added Height
- Fork Extensions - from 28" to 42"
- Cable Safety Brake
- Sumner Built Wench - single speed
- Safety Stripe Marking
- Stabilizer Legs (std. on models 2018 & 2024)

Part No.	Desc.	Wt. (lbs)
783617	2012 Contractor Lift (basic unit)	270
783531	Stabilizer Leg Kit	22
783618	2018 Contractor Lift with Legs	346
783510	2024 Contractor Lift with Legs	399

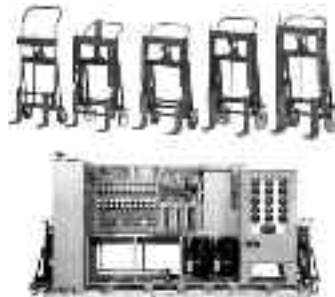
	2012	2018	2020
<b>Dimensions:</b>			
Height - stowed (in)	86.0	86.0	86.0
Length - stowed (in)	34.0	34.0	34.0
Height - operating (in)	85.5	85.5	85.5
Length - operating (in)	63.0	73.0	81.0
Base Width (in)	31.25	31.25	31.25
Width with stabilizer legs (in)	68.0	68.0	68.0
Ground clearance (in)	1.75	1.75	1.75
Load height-min. (in)	6.0	6.0	6.0
Max. height-forks down (ft/in)	11'2"	16'8"	22'1"
Max. height-forks reversed (ft/in)	11'2"	16'8"	22'1"
Std. Fork width (in)	21.5	21.5	21.5
Std. Fork length (in)	28.0	28.0	28.0
<b>Net Weight (lbs)</b>	270.0	346.0	398.0
<b>Load Capacity:</b>			
Load Cap., 14" load center (lbs)	650.0	650.0	650.0
Load Cap. with fork extension (lbs)	200.0	200.0	200.0
<b>Fork specifications:</b>			
Fork length with extension (in)	42.0	42.0	42.0
Fork Wt. (lbs)	32.0	32.0	32.0



**Rais-N-Rol® Machinery Movers**

A very economical way to lift and move large, bulky loads, yet also ideal for fragile items like computers.

- Twelve models available.
  - Swivel casters allow movement of loads in any direction.
  - Hand-operated hydraulic jack permits easy lifting and controlled lowering of loads.
  - Hooks supplied as standard for recommended optional load binders (12-foot-long nylon belts with heavy-duty ratchet tighteners) for increased load stability.
  - Capacities to 10,000 lbs. per pair.
- Call for complete specifications.



**Roust-A-Bout**

The versatile Lift that makes one man a crew!

- Lifts 1,500 pounds
- 15, 18 and 25 foot heights
- 1/2" to 48", or 2,000 lbs. pipe capacity
- Moves vertically and horizontally
- Separate load and mast winches
- 2-speed winch
- Infinite load adjustment
- Ideal for job or shop

The Sumner Roust-A-Bout enables one man to lift and place loads in tight locations that would be impossible with other lifts. The flexible Roust-A-Bout not only makes the job possible... it can pay for itself in days by reducing job time!

This dependable lift can raise a 1,500 lb. load to heights up to 25 feet in minutes. In addition, the load can be moved vertically and horizontally at the same time. Wider loads (up to 1,000 lbs.) can be handled with the addition of Sumner's Tee Head Extension Bar. The Roust-A-Bout eliminates the need for many other tools such as come alongs, scaffolds, mono-rails and swing booms.



Model No.	Description	Wt. (lbs)	A (in)	B (in)	C/D (in)	Base (in)	Max. Ht. (ft)
780000	Z-100 R-A-B 15' Top Ht.	311	79	20	12	32 x 40	15
780001	Z-150 R-A-B 15' Top Ht.	311	79	20	12	40 x 40	15
780002	Z-180 R-A-B 18' Top Ht.	357	126	25	14.5	50 x 50	18
780003	Z-250 R-A-B 25' Top Ht.	381	119	30	17.5	60 x 60	25

## Lifts

### Hydraulic Lift Tables

- Capacity ranges from 200 to 6,000 lbs
- Solid steel top and base construction
- Floor locks are standard on all 500 lb.+ cap. tables
- Casters provide easy mobility

#### Wesco Standard Duty Tables

- (200 - 1,000 lb. Capacities)
- LT-02-1616 has four 3" polyolefin swivel casters
  - LT-05 and LT-10 models feature 2 rigid and 2 swivel 4" phenolic resin roller bearing casters.
  - LT-02-1616 ships via UPS knocked down
  - 7 Gauge steel top and base

#### Wesco Medium Duty Tables

- (2,000 lb. Capacity)
- 2 rigid and 2 swivel phenolic resin roller bearing casters.
  - LTL models feature 4" casters, LT models feature 6" casters
  - Four support posts and push handle.
  - Foot operated floor lock.

#### Wesco Heavy Duty Tables

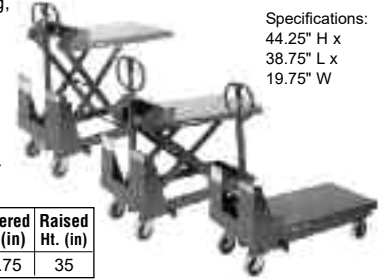
- (4,000 - 6,000 lb. Capacity)
- 2 rigid and 2 swivel 6" phenolic resin roller bearing casters.
  - Four support posts and push handle.
  - Foot operated floor lock.



Part No.	Model No.	Cap. (lbs)	Wt. (lbs)	Table Size (in)	Lowered Ht. (in)	Raised Ht. (in)	Support Posts	Caster Size (in)
260059	LT-02-1616	200	54	16 X 16	28.5	46	none	3
260060	LT-05-1818	500	122	18 x 18	30.5	47.5	2	4
260061	LT-10-1836	1,000	168	18 x 36	30.5	47.5	2	4
<b>Medium Duty Tables</b>								
260062	LTL-20-2436	2,000	225	24 x 36	30.5	47.5	4	4
260063	LTL-20-3248	2,000	350	32 x 48	30.5	47.5	4	4
260064	LT-20-2436	2,000	320	24 x 36	37	59	4	6
260065	LT-20-3248	2,000	465	32 x 48	37	59	4	6
<b>Heavy Duty Tables</b>								
260066	LT-40-2436	4,000	325	24 x 36	37	59	4	6
260067	LT-40-3248	4,000	475	32 x 48	37	59	4	6
260068	LT-60-2436	6,000	330	24 x 36	37	59	4	6
260069	LT-60-3248	6,000	495	32 x 48	37	59	4	6

### 600 lb. Capacity Mobile Scissor Lift Tables

- Three position finger control—raising, neutral, lowering
- Polyurethane load wheels with locking swivel casters.
- Foot guard standard
- 44.25" high handle for comfortable use
- Field proven hydraulics for dependable service



Specifications:  
44.25" H x  
38.75" L x  
19.75" W

Part No.	Model No.	Wt. (lbs)	Table Size (in)	Lowered Ht. (in)	Raised Ht. (in)
272770	LT-660SL	197	19.5 x 32	10.75	35

### Platforms & Stock Pickers

Maintenance, Rigging or Order Picking Work **Platform Model No. WP 1000** (Pictured below). With safety in mind, this work platform allows you to quickly and efficiently handle high reaching maintenance jobs without setting up ladders or scaffolds.

Expanded metal over steel sheet deck, allows positive footing, even in oil/grease environments. These platforms feature 4" foot curbs on all four sides and safety chains to keep platform on forks. Standard size fork tube openings are 42"L x 6"H x 6"W in size.

Interlocking gate gives positive 360° side frame stability.

Capacities of 800 or 1000 lbs.

Options: Casters, Tool Tray, Tube Caddy, Riser Screen

#### Model No. WP2920FP - Lift Truck Stock Picker (not shown)

Wide enough for the largest person yet narrow enough for the narrow-aisle warehouses. The 65" high back panel protects operator from fork truck pinch points. Standard size fork tube openings are 42"L x 6"H x 6"W.

Expanded metal over steel sheet deck, allows positive footing, even in oil/grease environments.

Interlocking gate gives positive 360° side frame stability. These platform features 4" foot curbs on all four sides and safety chains to keep platform on forks.

Options: Casters 5 x 1-1/4"

Note: All units are KD

Model No.	Cap. (lbs)	Platform Size (in)	Height (in)	Wt. (lbs)
WP800	800	36"W x 32"D	52	190
WP1000	1000	36"W x 48"D	52	235
WP2920FB	800	29"W x 20"D	65	228
<b>Options</b>				
WPFEX (Riser screen 36'-1/8"W x 38"H)				28
WPC (Casters 5" x 1-1/4")				15
WPTT (Tool Tray)				16
WPTC (Tube Caddy)				24



## Material Handling

# Lifts/Jacks

### Platform Model Hydraulic Stackers

- 1000 lb lift capacity
- Floor locks, safety screen and foot guard are standard on all models.
- Forks touch the floor on all fork models.
- Front phenolic wheels are 5" diameter
- Rear phenolic swivel casters are 4" diameter
- Hydraulic manufactured by R.A. Industries in U.S.A.
- Frame and lift heights vary among models.
- "S"tandard line features one piece platform guide rail.
- "E"conomy line offers an economical price value.

#### Wesco Platform Models

- 24" x 24" heavy gauge platform with 5.75" lowered height.
- 15" load center.
- 25.5" overall width, 40" depth.
- Base leg span - 15" inside, 21" outside.

#### Wesco Large Platform Models

- 30" deep x 32" wide heavy gauge platform with 5.25" lowered height.
- 18" load center.
- 32" overall width, 44" depth.
- Base leg span - 25.5" inside, 32" outside.

SPL-68-2424



ESPL-60-2424

SPL-68-3032



Part No.	Model No.	Lift Ht. (in)	OAW (in)	Wt. (lbs)	Cap. (lbs)
260032	SPL-60-2424	60	75	233	1,000
260044	ESPL-60-2424	60	72	226	1,000
260033	SPL-68-2424	68	83	241	1,000
260045	ESPL-68-2424	68	80	234	1,000
260034	SPL-80-2424	80	94	274	1,000
260046	ESPL-80-2424	80	92	263	1,000
Large Platform Models					
260038	SPL-60-3032	60	75	272	1,000
260050	ESPL-60-3032	60	72	265	1,000
260039	SPL-68-3032	68	83	282	1,000
260051	ESPL-68-3032	68	80	273	1,000
260040	SPL-80-3032	80	94	317	1,000
260052	ESPL-80-3032	80	92	298	1,000

### Ratchet Jacks

Duff-Norton ratchet jacks are available in 5 to 20 ton capacities for lifting and lowering loads in a wide range of applications. These jacks feature Duff-Norton's exclusive patented spring mechanism in one self-contained unit can be adjusted, repaired or replaced without dismantling jack. Load is moved one notch at a time both lifting and lowering.

#### Features:

- Rack bars can be hand-pulled to meet load. Recessed covers in housing protect lifting mechanism. Fulcrum centers located for maximum speed and lifting ease. Curved tops standard on all units.
- Manufactured in compliance with ASME B30.1
- 5-ton models can be trip lowered under no load
- Model 1022B housing is aluminum alloy; all other models are ductile iron
- Operating levers available as follows: models 514-MT, 516-MT and 521-MT use lever X4712 (1" dia. x 30" long); models 1022B, 1522, 1528 and 2028 use lever X4739 (1-1/4" dia. x 60" long)



Cap. (tons)	Model No.	Product Code	Ht. (in)	Raise (in)	Base (in)	Head (in)	Foot Lift Ht. (in)	Rack Size (in)	Wt. (lbs)
5	514-MT	202	14	7-1/2	5-1/4 x 7-3/4	2-1/2 x 2-3/4	1-1/2	1-1/4 x 1-1/2	29
5	516-MT	204	16	9-1/2	5-1/4 x 7-3/4	2-1/2 x 2-3/4	1-1/2	1-1/4 x 1-1/2	34
5	521-MT	206	21	14-1/2	5-1/4 x 7-3/4	2-1/2 x 2-3/4	1-1/2	1-1/4 x 1-1/2	40
10	1022 B	208	22	12-1/2	7 x 10-1/4	3 x 3	2	1-1/2 x 1-1/2	48
15 Top 7-1/2 Toe	1522	210	22	11-1/2	8 x 11	3 x 3-1/2	2-1/2	1-3/4 x 2-1/4	80
15 Top 7-1/2 Toe	1528	212	28	17-1/2	8 x 11	3 x 3-1/2	2-1/2	1-3/4 x 2-1/4	97
20 Top 10 Toe	2028	214	28	18	8 x 11	3 x 3-1/2	2-1/2	1-3/4 x 2-1/4	106

### Track Jacks

Warning: Track jacks are intended for use only in railway track maintenance and are trip lowering. Trip lowering jacks quickly drop the load and cannot be safely lowered incrementally. They should never be used for general purpose lifting.

#### Features:

- Rated load: 15 tons
- Broad toe design provides enhanced load engagement
- Tripping is quick and positive
- Strong, lightweight aluminum housing provides easy portability
- Spring-loaded pawls ensure teeth-to-rack engagement
- Rigid horn-type handle allows easy spotting and carrying
- Designed for use with standard 1-1/2" square x 66" long railroad lining bars



Cap. (tons)	Model No.	Product Code	Ht. (in)	Raise (in)	Base (in)	Head (in)	Foot Lift Ht. (in)	Rack Size (in)	Wt. (lbs)
15	517-AD	1303	11-1/2	5	6-1/2 x 10-1/4	-	2	1-1/2 x 1-1/2	33
15	117-AD	1302	22	12	6-1/2 x 11	3x3	2	1-1/2 x 1-1/2	49

### Journal Jacks

Duff-Norton journal jacks are available in 15 to 100 ton capacities for use in construction, railroads, shipbuilding, building moving and industrial plants. These jacks are constructed for rough outdoor service. Lifting mechanism is totally enclosed, packed in grease and sealed to prevent leakage. Thread pitch on ball bearing mounted lifting screw gives maximum load raise for every stroke of lever bar. Positive safety stop prevents standard from being run out of the base. Jacks are internally keyed to prevent standard from turning. Easy to carry and spot.

#### Features:

- One piece, high grade cast housing, cold drawn seamless steel standard, drop forged steel head, heat treated alloy steel gears, aluminum bronze nut, large load bearings, alloy steel ratchet assembly, bronze bushed pinion shank and screw stem.
- Manufactured in compliance with ASME B30.1
- Operating levers available as follows: models 111-C2 and 1507 use lever X2486 (7/8" dia. x 28" long); models 2510-C2 and 3510-C3 use lever X2679 (1-1/8" dia. x 36" long); model 5010-C4 use lever N40 (1-1/8" dia. x 48" long); model 100-A12 use lever X4513 (1-1/8" dia. x 60" long)



Cap. (tons)	Model No.	Product Code	Housing Type	Height (in)	Raise (in)	Base Dia. (in)	Head Dia. (in)	Wt. (lbs)
15	1507	603	Ductile Iron	7	2-1/2	4-3/4	2-5/8	22
15	111-C2	601	Malleable Iron	10	5	4-3/4	2-5/8	26
25	2510-C2	607	Ductile Iron	10	5	5-3/8	3	38
35	3510-C3	611	Ductile Iron	10-3/4	5	5-7/8	3-5/8	51
50	5010-C4	615	Ductile Iron	10-1/2	4-1/2	7-1/8	4	70
100 sustaining, 75 lifting	100-A12	617	Aluminum	12	4	8-3/4	5	103

## Jacks

### Bell Base Jacks

Duff-Norton's bell base jacks are offered in 5 to 25 ton capacities for all purpose lifting and holding on construction jobs, rigging, building moving and general purpose in plants.

**Features:**

- One piece, extra heavy base
- Heavy-duty ball bearings eliminate slipping and rubbing action, and greatly reduce friction
- One piece steel screw has swivel head for leveling on uneven terrain
- Serrated swivel head
- Operating levers available as follows: models BB510 and BB1012 use lever X4279-1 (3/4" dia. x 24" long); model BB1514 use lever X4279-2 (7/8" dia. x 36" long); models BB2016 and BB2517 use lever X4904 (1" dia. x 42" long)



Cap. (tons)	Model No.	Closed Ht. (in)	Ext. Ht. (in.)	Raise (in)	Screw size (mm)	Screw Pitch (mm)	Head Dia. (in)	Base Dia. (in)	Lever Effort (lbs)	Wt. (lbs)
5	BB510	9-1/2	13	3-1/2	26	5	3-1/8	4-1/2	57	10
10	BB1012	11-1/2	17	6	38	5	3-1/8	5-1/2	156	15
15	BB1514	14	21	7	42	6	3-1/8	6	168	22
20	BB2016	16	24-1/2	8-1/2	50	6	3-7/8	6-7/8	227	35
25	BB2517	17	26-1/2	9-1/2	52	6	3-7/8	7-1/4	297	42

### Cable Reel Jacks

Duff-Norton offers cable reel jacks in 5 and 10 ton capacities for holding reels from 15 to 90 inches in diameter. These jacks are utilized by phone and cable companies, utility companies, industrial plants, warehouses and shipyards.

**Features:**

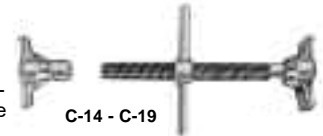
- Ratchet reel type jacks with reinforced hardwood bases
- Manufactured in compliance with ASME B30.1
- Model 524-MCR has adjustable front hook and seats up to 2-inch spindles, holds 15 to 60 inches reels
- Model 1022-CRA has a top hook and three front hooks, seats up to 2-inch spindles, holds 25 to 90 inch reels
- Model 1030-CRA has a T-frame base and top hook which seats up to 3" spindles, and two front hooks which seat 2-1/2" spindles and hold 20 to 84 inch reels
- Model 524-MCR housing is ductile iron; models 1022-CRA and 1030-CRA housings are aluminum alloy
- Operating levers available as follows: model 524-MCR use lever X4712 (1" dia. x 30" long); models 1022-CRA and 1030-CRA use lever X4739 (1-1/4" dia. x 60" long)



Cap. (tons)	Model No.	Product Code	Ht. (in)	Raise (in)	Base (in)	Rack size (in)	Type	Wt. (lbs)
5 Top 2-1/2 Toe	524-MCR	00404	23-1/4	14	8-3/4 x 18-3/4	1-1/4 x 1-1/2	Ratchet	67
10 Top 5 Toe	1022-CRA	00406	38	12	9-3/4 x 24	1-5/8 x 1-5/8	Ratchet	84
10 Top 5 Toe	1030-CRA	00408	30	14	---	1-5/8 x 1-5/8	Ratchet	90

### Trench Brace Fittings and Steel Timber Brace Fittings

Duff-Norton supplies butt ends, screw, nuts and socket butts to be combined with customer's pipe for safe and economical bracing on trench and excavation jobs. Steel timber brace fittings are used for making wooden timbers adjustable to various widths for bracing concrete forms, subways, excavations and trenches.



**Features:**

- Tabulated data available on Technical Bulletin MJTB-1 allows Duff-Norton trench braces to be used in compliance with OSHA 29 CFR 1926 Subpart P - Excavations

Model Prod. Code Screw Length (in)	Trench Braces						Timber Braces	
	C-14 01701	C-15 01703	C-16 01705	C-17 01708	C-18 01710	C-19 01712	C-24 01726	C-31 01734
Screw Dia. (in)	1-11/32	1-11/32	1-11/32	1-11/32	1-11/32	1-7/8	1-11/32	1-7/8
Max Recommended Screw Extension (in)	6	7	8	9	10	10	4x4	8x8
Timber Cap (Tim. Br.) Weight (lbs)	11	12	13	14	14	31	12	33
Model w/o Socket	C32	C33	C34	C35	C36	C37	X-671	X-689
Butt/Timber Cap Only Product Code	01714	01716	01718	01720	01722	01724	01738	01741

### Air Motor Jacks

Duff-Norton air motor jacks are offered in seven models from 20 ton to 100 ton. These precision built, sturdy, dependable machines employ the time-tested basic screw principle with foolproof, built-in rotary air motor. Can be synchronized for simultaneous operation of two jacks through use of a "Y" connection. Used for raising and lowering freight cars, diesel locomotives and truck trailers.



**Design and Manufacturing Features:**

- Manufactured in compliance with ASME B30.1
- Easy to move and spot with long transport handle and collapsible spotting handles
- Up or down hand throttle control well guarded. Position of lever clearly indicates direction up or down
- Sturdy shell with large diameter base for stability under top-heavy loads
- 10" diameter, 2-1/2" face solid rubber-tire roller bearing wheels assure easy portability
- Transport handle folds down and out of the way when jack is in use
- Automatic shut off stops the motor when the lifting standard reaches the safe limit of its raised or lowered position
- Screen in air hose connection easily removed for cleaning
- Easy to lubricate through two convenient plugs in jack and one in air motor
- Built in muffler
- Ball bearing thrust and radial mountings throughout for easy action and long life

**Safety Features:**

- A brake is provided on 50 and 100 ton jacks to prevent accidental lowering
- The load is lowered entirely, as well as raised, by air motor so that the lowering speed is always under constant control, preventing slipping or sudden dropping of the load
- The design of the jack prevents lowering or creeping under load in case of air failure due to disconnection or injury to the hose
- Jacks are internally keyed to prevent standard from turning
- Broad, sturdy base for stability
- Serrated forged steel top

Cap. (tons)	Model No.	Product Code	Ht. (in)	Raise (in)	Base Dia. (in)	Head Dia. (in)	Type of Motor	Wt. (lbs)
20	228R	00105	28	18	12	4	Rotary	240
35	326R	00106	26	14-3/8	14	4	Rotary	275
50	528CMJ	00141	28	17	14	5	Rotary	394
50	536CMJ	00142	36	25	15	5	Rotary	425
75 lifting, 100 sustaining	126CMJ	00143	26	13-3/4	13	6-1/8	Rotary	448
75 lifting, 100 sustaining	132CMJ	00144	32	18	13	6-1/8	Rotary	480
75 lifting, 100 sustaining	144CMJ	00145	44	30	18	6-1/8	Rotary	530

## Material Handling

# Jacks

### 100 and 150 Ton Capacity Bossman Jacks

Duff-Norton's 100 and 150 ton capacity Bossman jacks are designed for jacking mining and construction equipment for maintenance. Sturdy steel frame. Three large pneumatic tires for and swiveling handle for easy maneuverability. Pneumatic tires flatten under load to allow base to contact floor.

#### Features:

- Patented locking mechanism: spring-activated locking shoes engage while lifting and lock into place every 1/2" to eliminate the need for blocking. When lowering, air pressure allows the locking shoes to disengage until the operator releases the lowering button.
- Remote operation capability allows the operator to use the jack from a distance
- Air/hydraulic pump operates with 50 CFM at 90-PSI air pressure to lift full load
- Overall length is 52" - large base provides stability under load
- Extension available for increasing closed height of 100-ton models as follows: 6" extension model BJ100-70; 9" extension model BJ100-71; 12" extension model BJ100-72; set of all three extensions model BJ 100-6912. Special extension available - consult Duff-Norton.
- Extensions available for increasing closed height of 150-ton models as follows: 6" extension model BJ150-70; 9" extension model BJ150-71; 12" extension model BJ150-72; set of all three extensions model BJ150-6912. Special extensions available - Contact us for more information.



Cap. (tons)	Model No.	Product Code	Closed Ht. (in)	Raise (in)	Extended Ht. (in)	Lifting Speed Full Load	Lifting Speed No Load	Wt. (lbs)
100	BJ10026	10026	26	11.5	37.5	2-1/2"/min.	20"/min.	930
100	BJ10036	10036	36	14.5	50.5	2-1/2"/min.	20"/min.	1100
150	BJ15026	15026	26	11.5	37.5	1-3/4"/min.	14"/min.	1000
150	BJ15036	15036	36	14.5	50.5	1-3/4"/min.	14"/min.	1200

### 50 Ton Capacity Bossman Jacks

A Bossman jack for the railroad industry! Same sturdy construction as the 100 and 150 ton jacks in a compact two-wheel design.

#### Design and Manufacturing Features:

- Patented locking mechanism: spring-activated locking shoes engage while lifting and lock into place every 3/8" to eliminate the need for blocking. When lowering, air pressure allows the locking shoes to disengage until the operator releases the lowering button.
- Remote operation capability allows the operator to use the jack from a distance
- Air/hydraulic pump operates with 50 CFM at 90-PSI air pressure to lift full load
- Overall length is 26.5" - large base provides stability under load
- Extension available for increasing closed height as follows: 6" extension model BJ50-70; 9" extension model BJ50-71; 12" extension model BJ50-72; set of all three extensions model BJ50-6912. Special extensions available - Contact you Sales Representative for more information.



Cap. (ton)	Model No.	Product Code	Closed Ht. (in)	Raise (in)	Extended Ht. (in)	Lifting Speed Full Load	Lifting Speed No Load	Wt. (lbs)
50	BJ5026	5026	26	13	39	2-1/2"/min.	29"/min.	400

### Little Devils Hydraulic Toe Jacks

Little Devils hydraulic toe jacks are offered in 2 ton, 5 ton and 10 ton capacities. This line of hydraulic toe jacks is designed for lifting heavy machinery and cargo in plant maintenance, ship-building, mining and railroad applications. Same capacity rating for top or toe lifting. Operating levers included.



#### Features:

- Lever socket swivels 180-degrees for operation in any direction
- Height of toe allows easier access to low height applications
- Internal springs allow for self-retraction of jack under no load (5 and 10 ton models only)
- Ergonomic lifting handle design allows for ease of transport
- Safety relief valve prevents jacking of overloads
- Heavy duty, welded steel construction
- Lever bar included
- Manufactured in compliance with ASME B30.1
- May be used vertically, inclined or horizontally. When used horizontally, stroke is decreased to 70%

Model	Cap. (tons)	Min. Toe Height (in)	Hydraulic Travel (in)	Max. Toe Ht. (in)	Toe Length x Width (in)
HTJ0209	2	0.63	4.4	5.1	2.0 x 2.0
HTJ512	5	0.98	4.7	5.7	2.2 x 3.0
HTJ1013	10	1.10	5.7	6.8	2.4 x 3.3

Model	Min. Head Ht. (in)	Max. Head Ht. (in)	Head Length x Width (in)	Base Size Width x Length (in)	Lever Length (in)	Oil Volume (Cu. In.)	Wt. (lbs)
HTJ0209	9.3	13.7	3.3 x 2.0	4.9 x 7.0	.75 x 15.0	17	18
HTJ512	11.5	16.3	4.6 x 3.0	7.2 x 10.6	.85 x 16.3	21	52
HTJ1013	12.8	18.5	5.7 x 3.3	8.9 x 11.3	1.07 x 21.6	31	73

### Little Devils Mini Jacks

Little Devils mini jacks are offered in four capacities: 5 ton, 10 ton, 20 ton, and 50 ton. These compact, powerful jacks are designed to be used in low-height applications. Lever bar is pumped side to side rather than up and down. Positive stops prevent over extension of the lifting ram.



#### Features:

- Durable steel ram is treated to prevent corrosion and rust
- Operating lever is pumped side to side to accommodate low height applications
- Housing cylinder and base are welded for greater strength and sealing
- Lever bar included
- Manufactured in compliance with ASME B30.1
- May be used vertically, inclined or horizontally. When used horizontally, stroke is decreased to 70%

Model	Cap. (tons)	Closed Height (in)	Hydraulic Travel (in)	Max. Height (in)	Head Dia. (in)	Base Dia. (in)	Lever Length (in)	Oil Volume (Cu. In.)	Wt. (lbs)
HJ0503	5	3.2	1.2	4.4	1.10	2.8	.55 x 9.4	2.9	5
HJ1005	10	4.7	1.2	5.9	1.65	4.3	.71 x 17.3	4.7	12
HJ2005	20	5.1	1.2	6.3	2.09	4.7	.85 x 21.6	6.7	19
HJ5006	50	5.5	1.2	6.7	3.15	7.0	.85 x 39.4	23	42

## Vacuum Cups

### Vacuum Cups - Wood's Powr-Grip

Vacuum cups use the force of atmospheric pressure to grip a surface. A finger-operated vacuum pump removes the air from between the attaching surface and the rubber pad. Atmospheric pressure then holds the cup in place with an incredible amount of force.

Vacuum cups can be used for a variety of different applications. Use them for carrying glass, appliances, countertops, wood stoves, vending machines... nearly any material with smooth, non-porous surfaces. Used for mounting equipment on automobiles, boats and RVs, vacuum cups hold flags, antennas, cameras, scopes, emergency lights and testing equipment.

**The uses are limited only by your imagination.**

- Easy to use
- Built in vacuum indicator
- Lightweight
- Quick to attach and release
- Non-slip grip
- Won't damage most surfaces

**Handi-Grip Cup** - designed for handling small to moderate size loads, such as glass, sheet metal, and plastics. The oval shape allows attachment on long, narrow objects.

**Tie-Down** - Vacuum Tie-Downs make temporary attachments easy. The non-marring cup attaches in seconds to smooth, non-porous surfaces. A red-line vacuum indicator visually alerts the user if vacuum loss occurs.

**Vertical Handle Hand Cup** - provides comfortable hand placement when ordinary handles can't. A large volume pump permits quick attachment on both curved and flat surfaces. Non-slip, solid attachment makes the cup well suited for auto body dent pulling, sheet metal positioning, and windshield replacement.

**Vacuum Mounts** - Mounts provide a strong, reliable temporary fastener on any relatively smooth, non-porous surface, such as automobiles, boats, recreational vehicles, filing cabinets, desks, etc. Available in a range of styles to cover most applications & capacity requirements, mounts attach to either flat or curved surfaces. Mounts use a 1/4-20 threaded stud or female insert to attach accessories & equipment. Use for mounting cameras, scopes, testing equipment, antennas, lights, signs, etc.

**Rigid Handle Hand Cups** - put a handle where you want it on awkward, bulky items, such as storm windows, office furniture and appliances. The TL6RH is designed for gripping curved surfaces, the LP6RH for flat surfaces.

**Flip Handle Hand Cups** - The narrow profile of Flip Handle cups make them an excellent tool for pulling sheet materials from narrow storage bins, as well as for general-purpose handling. TL6FH cups are designed for gripping curved surfaces, the LP6FH for flat surfaces.

**N-Series Hand Cups** - With the capacity for nearly any manual lift, N-Series Hand Cups are rugged and dependable. These are the hand cups chosen by professional glaziers. Also use them for moving and positioning appliances, patio doors, desks, filing cabinets, vending machines, and glass.

Model	Description	Pad Size (in)	Cap. (lbs)
<b>Handi-Grip</b> RF36HG	Handi-Grip	3 x 6	40
<b>Tie-Down</b> TL6TD	Tie-Down w/pad protector	6	70
<b>Vertical Handle Hand Cups</b> LJ6VH	Vertical Handle w/pad protector	6	70
<b>Vacuum Mounts</b>			
TL3AMB	Black metal mount, 1/4-20 stud	3	15
LJ45AMC	Blk polycarb, mount, 1/4-20 insert	4-1/2	40
LJ45AMP	LJ45AMC with 1/4-20 stud	4-1/2	40
LJ45AMB	Blk metal mount, 1/4-20 stud	4-1/2	40
TL6AMB	Blk metal mount, 1/4-20 stud	6	70
<b>Rigid Handle Hand Cups</b>			
LP6RH	Rigid Handle, flat, w/pad protector	6	70
TL6RH	Rigid Handle, curved, w/pad protector	6	70
<b>Flip Handle Hand Cups</b>			
LP6FH	Flip Handle, flat, w/pad protector	6	70
TL6FH	Flip Handle, curved, w/pad protector	6	70
<b>N-Series Hand Cups</b>			
N4000	ABS Handle Hand Cup, w/box	8	125
N4950	Metal Handle Hand Cup, w/box	9	150
N5450	Metal Handle Hand Cup, w/box	9	150
N6450	Metal Handle Hand Cup, w/box	10	175



Vertical Handle Hand Cups



Rigid Handle Hand Cups



Flip Handle Hand Cups



## Material Handling

# Rollers

### Light Duty Series Series Hilman

#### Deluxe Kits (3 & 8 Tons)

Handy Hilman Riggers Kits are sure to be the most valuable maintenance tools in the crib! With a limitless variety of uses, they provide the ability to move up to 3 tons or 8 tons. Both Sets and Kits contain two steering handles and four padded rollers, which are offered either with all four swivel tops, or with two swivel and two rigid tops. Sturdy steel carrying cases store all items in the Kits; Sets are provided without the case. Handles for Kits knock-down to fit in the case. Handles in Sets are 36" (914 mm) long.



Product No.	Kit Cap. (tons)	Includes (all Kits include case)	Wt. (lbs)
KRS-3-4S	3	Four #.75-SP Rollers, Two #3-KH Kit Size Handles	55
KRS-3-2S/2R	3	Two #.75-SP Rollers, Two #.75-RP Rollers Two #3-KH Kit Size Handles	55
KRS-8-4S	8	Four #2-SP Rollers, Two #8-KH Kit size handles	85
KRS-8-2S/2R	8	Two #2-SP Rollers, Two #2-RP Rollers Two #8-KH Kit Size Handles	85

#### Individual Rollers (.75-2 Tons)

Featuring Hilman's endless chain action design, Light Duty Series Rollers come in either rigid or swivel type. Both versions are available topped with rough, rugged no-slip pads. They are additionally available in a smooth top style, ideal for permanent mounting applications. Light Duty Series Rollers are low in height and high in capacity, combining the advantages of minimal lifting with controlled moving. Steering handle model H36T (36"/914mm) is available for the swivel rollers.



Product No.	Cap. (tons)	Top Style	Height (in)	Width (in)	Length (in)	Wt. (lbs)
.75-SP	.75	Swivel	3-5/16	3-5/8	6-1/2	9
2-SP	2	Padded	3-15/16	4-1/8	6-1/2	15
.75-SS	.75	Swivel	3	3-5/8	6-1/2	9
2-SS	2	Smooth	3-9/16	4-1/8	6-1/2	15
.75-RP	.75	Rigid	3	3-5/8	6-1/2	9
2-RP	2	Padded	3-9/16	4-1/8	6-1/2	15
.75-RS	.75	Rigid	2-3/4	3-5/8	6-1/2	9
2-RS	2	Smooth	3-1/4	4-1/8	6-1/2	15

### Nyton Series Series Hilman

#### Deluxe Kits (2 - 24 Tons)

Moving heavy equipment on delicate floors? Hilman's Nylon Kits are for you! These conveniently prepackaged Kits and Sets provide the advantage of a heavy duty chain action roller that can safely move equipment on modern coated, painted, or epoxy topped floors without scarring the surface. Nylon Kits come with a heavy duty, lockable steel case to store all items between moves. All Kits and Sets contain four padded swivel rollers and two steering handles. The rollers in the larger kit capacities from 8 tons and up feature swivel locking devices.



Product No.	Kit Cap. (tons)	Includes (all Kits include case)	Wt. (lbs)
KNRS-2-4S	2	Four #N.5-SP Rollers, Two #3-KH Kit Size Handles	47
KNRS-2-2S/2R	2	Two #N.5-SP Rollers, Two #N.5-RP Rollers Three #3-KH Kit Size Handles	45
KNRS-4-4S	4	Four #N1-SP Rollers, Two #8-KH Kit size handles	69
KNRS-4-2S/2R	4	Two #N1-SP Rollers, Two #N1-RP Rollers Two #8-KH Kit Size Handles	69
KNRS-8-SLP	8	Four # N2-SLP Rollers, Two #KDH48F Kit Size Handles	172
KNRS-12-SLP	12	Four #N3-SLP Rollers, Two #KDH48F Kit Size Handles	172
KNRS-24-SLP	24	Four #N6-SLP Rollers, Two #KDH48F Kit Size Handles	196

#### Individual Rollers (1/2 - 5 Tons)

Combine solid, high impact nylon roll material with Hilman's continuous chain action design and the result is NYTON-a high capacity moving device that protects delicate floor surfaces during heavy moves. 1/2 and 1 ton capacity Nylon Rollers are available in padded swivel or rigid styles. 2, 3, 6, and 10 ton capacities are available in padded swivel-locking or rigid styles. All tops feature built-in pads, providing a non-slip surface able to compress over uneven surfaces, giving further floor surface protection. Steering handles are available for these rollers: H36T (36"/914mm) for the 1/2 and 1 ton capacity Swivel Nylon rollers; H36F (36"/914mm), H48F (48" 1219mm) or H60F (60"/1524mm) for the 2 ton and up Swivel Locking Nylon rollers.

Product No.	Cap. (tons)	Height (in)	Width (in)	Length (in)	Wt. (lbs)
N.5-SP	.5	3-5/16	3-5/8	6-1/2	7
N1-SP	1	3-15/16	4-1/8	6-1/2	11
N2-SLP	2	5	5-3/4	10-1/2	28
N3-SLP	3	5-1/4	5-3/4	10-1/2	28
N6-SLP	6	5-1/8	6-1/2	12-3/4	34
N10-SLP	10	8	8	15	102
N.5-RP	.5	3	3-5/8	6-1/2	6
N1-RP	1	3-1/2	4-1/8	6-1/2	11
N2-RP	2	4-1/8	5-3/4	10-1/2	23
N3-RP	3	4-7/16	5-3/4	10-1/2	24
N6-RP	6	4-1/4	6-1/2	12-3/4	30
N10-RP	10	6-3/4	8	15	89



### ERS Series Series Hilman

#### Deluxe Kits (15 - 50 Tons)

With or without a kit case, these prepackaged Kits are the value leaders of the Hilman Roller line. Economy Sets, without kit boxes, are offered in an amazing range of capacities from 15 to 400 tons. Four complete Kits, with steel cases, are available in capacities from 15 to 50 tons. Hilman's Deluxe Kits and Economy Sets contain four basic ERS Rollers, which can be used as is for straight line moving. Four swivel locking attachments with diamond steel tops are included, along with four preload pads and two steering handles. Handles in the Sets vary in length according to the capacity of the rollers; Kit handles are a two piece knockdown style to fit into the steel case. All the deluxe gear necessary for your important project, including some height versatility, is provided in either Set form or with a sturdy kit box.



Product No.	Kit Cap. (tons)	Includes (all Kits include case)	Wt. (lbs)
KRS-15-ERSD	15	Four #3.75-ERS Rollers, Four #T-3.75 Swivel Locking Atch. Four #P-1 Preload Pads, Two #KDH48E Kit Size Handles	176
KRS-20-ERSD	20	Four #5-W-ERS Rollers, Four #T-5WLD Swivel Locking Atch. Four #P-1 Preload Pads, Two #KDH48E Kit Size Handles	196
KRS-40-ERSD	40	Four #10-ERS Rollers, Four #T-10LD Swivel Locking Atch. Four #P-1 Preload Pads, Two #KDH48E Kit Size Handles	196
KRS-50-ERSD	50	Four #12.5-W-ERS Rollers, Four #T-12.5WLD Swivel Locking Atch. Four #P-1 Preload Pads, Two #KDH48E Kit Size Handles	244

Product No.	Cap. (tons)	Height (in)	Width (in)	Length (in)	Wt. (lbs)
3.75-ERS	3.75	2-3/4	4-7/16	8-5/8	15
5W-ERS	5	2-3/4	5-1/2	8-5/8	20
10-ERS	10	3-3/8	5-3/16	10-3/8	29
12.5W-ERS	12.5	3-3/8	5-1/2	10-3/8	31
25-ERS	25	4-3/4	7	15-3/4	79
65-ERS	65	5-5/8	7-3/8	23	156
100X-ERS	100	5-5/8	7-7/8	23	165



#### Swivel Attachments

For the ultimate in versatility, each Hilman ERS Series Roller can be outfitted with an ERS Swivel Attachment. Attachments add height to the basic roller, as well as the ability to make turns without jacking the equipment. Featuring chrome steel ball bearings for smooth operation, attachments come with diamond steel or padded tops, with or without locking devices. Attachments provide some height versatility, plus padded attachments are elastomeric and minimize metal-to-metal slippage. Height Equalizers, which increase the height of the roller to that of a roller with a swivel attachment, are also available for each roller size.

Steering handles, which fit into the attachment yoke, are available in three lengths: H36E (36"), H48E (48") & H60E (60")



Swivel Locking Diamond Grid	Swivel Locking Padded	Swivel Diamond	Swivel Padded	Product No.	Dim. (combined w/roller)				Approx. Wt. (lbs)
					Individual Roller Product No.	Padded Style H (in)	Diamond Style H (in)	W (in)	
T-3.75LD	T-3.75LP	T-3.75D	T-3.75P	3.75-ERS	5-3/16	4-7/16	5-7/8	11-1/8	13
T-5WLD	T-5WLP	T-5WD	T-5WP	5W-ERS	5-3/16	4-7/16	5-7/8	11-1/8	13
T-10LD	T-10LP	T-10D	T-10P	10-ERS	5-13/16	5-1/16	6	12-3/4	14
T-12.5WLD	T-12.5WLP	T-12.5WD	T-12.5WP	12.5W-ERS	5-13/16	5-1/16	6	12-3/4	14
T-25LD	T-25LP	T-25LD	T-25P	25-ERS	7-7/16	7-1/8	8	18	39
T-65LD	T-65LP	T-65D	T-65P	65-ERS	8-3/4	8	8	25-1/4	46
T-100LD	T-100LP	T-100D	T-100P	100X-ERS	8-3/4	8	8	25-1/4	46

#### Individual Rollers (3.75 - 100 tons)

Hilman's ERS Rollers are the lowest profile high capacity rollers in the world! Utilizing the endless chain concept, the basic individual ERS Roller is designed for straight line motion, yet each can be outfitted with a removable swivel attachment for turning and positioning. With a range of seven capacities, coupled with the lowest possible height, ERS rollers are versatile and economical.



## Rollers

### FT Series Hilman

#### Deluxe Kits (15 - 60 Tons)

Everything required to make heavy moves up to 60 tons is included in Hilman's Deluxe Kits. Includes four swivel locking Hilman Rollers with either padded or diamond steel tops and two steering handles; four preload pads are also included with rollers having the SLD style top. Kits contain knock down handles in two sections to fit into a sturdy steel storage case. Cases are lockable and have sturdy lifting grips for easy handling, providing protection from exposure and theft. Each kit provides the necessary gear to tackle a moving project up to that respective capacity.



Product No.	Kit Cap. (tons)	Includes (all Kits include case)	Wt. (lbs)
KRS-15-SLP	15	Four #3.75-SLP Rollers, Two #KDH48F Kit Size Handles	196
KRS-15-SLD	15	Four #3.75-SLD Rollers, Four #P-1 Preload Pads Two #KDH48F Kit Size Handles	196
KRS-30-SLP	30	Four #7.5-SLP Rollers, Two #KDH48F Kit size handles	208
KRS-30-SLD	30	Four #7.5-SLD Rollers, Four #P-1 Preload Pads Two #KDH48F Kit Size Handles	208
KRS-40-SLP	40	Four #10-SLP Rollers, Two #KDH48F Kit size handles	212
KRS-40-SLD	40	Four #10-SLD Rollers, Four #P-1 Preload Pads Two #KDH48F Kit Size Handles	212
KRS-60-SLP	60	Four #15-SLP Rollers, Two #KDH48F Kit size handles	248
KRS-60-SLD	60	Four #15-SLD Rollers, Four #P-1 Preload Pads Two #KDH48F Kit Size Handles	252

#### Individual Rollers (3.75 - 50 Tons)

With six capacities, three moving types (rigid, swivel, and swivel locking), and three top styles (padded, diamond steel, and smooth steel), there's a model perfect for most heavy moving applications in this Hilman Roller series! For straight line moves, specify the rigid roller. For turns, swivel rollers position the load in tightest quarters. The swivel-locking type combines swivel and rigid designs with spring-loaded locks that can engage every 45°. Steering handles are available for Swivel Lock and Swivel types in 3 lengths: H36F (36") H48F (48") H60F (60").

FT Series Hilman Rollers have three versatile top styles. "D" tops have steel spike-like grid able to grip into wood and provide a secure move for crated or palletized equipment. "P" tops, with built in neoprene pad, allow some compression and provide a non-slip surface, a versatile choice for moving on less than perfect floors or for moving metal based machines. "S" tops have smooth steel top, ideal for mounting the rollers to equipment or as a base unit for a variety of top modifications.

#### Swivel-Locking



#### Swivel



#### Rigid



Product No.	Cap. (tons)	Top Style	Height (in)	Width (in)	Length (in)	Wt. (lbs)
3.75-SLP	3.75	Swivel Locking Padded	5	5-3/4	10-1/2	34
7.5-SLP	7.5		5-1/4	5-3/4	10-1/2	37
10-SLP	10		5-1/4	5-3/4	10-1/2	38
15-SLP	15		5-1/8	6-1/2	12-3/4	47
30-SLP	30		8	8	15	123
50-SLP	50	8-15/16	8	21	196	
3.75-SLD	3.75	Swivel Locking with Diamond Steel Grid	4-3/4	5-3/4	10-1/2	33
7.5-SLD	7.5		5	5-3/4	10-1/2	36
10-SLD	10		5	5-3/4	10-1/2	37
15-SLD	15		4-3/4	6-1/2	12-3/4	47
30-SLD	30		7-1/8	8	15	120
50-SLD	50	8-1/8	8	21	197	
3.75-SLS	3.75	Swivel Locking with Smooth Steel	4-5/8	6	10-1/2	35
7.5-SLS	7.5		4-7/8	6	10-1/2	38
10-SLS	10		4-7/8	6	10-1/2	39
15-SLS	15		4-3/4	6-1/2	12-3/4	47
30-SLS	30		6-7/8	8	15	120
50-SLS	50	7-7/8	8	21	197	
3.75-SP	3.75	Swivel Padded	5	5-3/4	10-1/2	33
7.5-SP	7.5		5-1/4	5-3/4	10-1/2	37
10-SP	10		5-1/4	5-3/4	10-1/2	38
15-SP	15		5-1/8	6-1/8	12-3/4	47
30-SP	30		7-15/16	8	15	119
50-SP	50	8-15/16	8	21	197	
3.75-SD	3.75	Swivel with Diamond Steel Grid	4-3/4	5-3/4	10-1/2	33
7.5-SD	7.5		5	5-3/4	10-1/2	36
10-SD	10		5	5-3/4	10-1/2	37
15-SD	15		4-3/4	6-1/2	12-3/4	46
30-SD	30		7-1/8	8	15	120
50-SD	50	8-1/8	8	21	196	
3.75-SS	3.75	Swivel with Smooth Steel	4-5/8	6	10-1/2	34
7.5-SS	7.5		4-7/8	6	10-1/2	37
10-SS	10		4-7/8	6	10-1/2	38
15-SS	10		4-3/4	6-1/2	12-3/4	47
30-SS	30		6-7/8	8	15	120
50-SS	50	8-1/8	8	21	197	
3.75-RP	3.75	Rigid Padded	4-3/16	5-3/4	10-1/2	29
7.5-RP	7.5		4-7/16	5-3/4	10-1/2	32
10-RP	10		4-7/16	5-3/4	10-1/2	33
15-RP	15		4-5/16	6-1/2	12-3/4	42
30-RP	30		6-3/4	8	15	106
50-RP	30	7-3/4	8	21	182	
3.75-RD	3.75	Rigid with Steel Spikes	4	5-1/2	10-1/2	28
7.5-RD	7.5		4-3/8	5-1/2	10-1/2	32
10-RD	10		4-3/8	5-1/2	10-1/2	33
15-RD	15		3-7/8	6-1/2	12-3/4	41
30-RD	30		6-1/8	8	15	104
50-RD	50	7-1/8	8	21	182	
3.75-RS	3.75	Rigid with Smooth Steel	3-11/16	5-1/2	10-1/2	28
7.5-RS	7.5		3-11/16	5-1/2	10-1/2	32
10-RS	10		3-15/16	5-1/2	10-1/2	33
15-RS	15		3-7/8	6-1/2	12-3/4	42
30-RS	30		5-3/4	8	15	104
50-RS	50	6-3/4	8	21	181	

### SHD Series Series Hilman

#### Individual Rollers (100 - 1000 tons)

Huge structures skate almost effortlessly on Hilman's SHD Series (Super Heavy Duty) Rollers! With load capacities from 100 to 1000 tons per unit, virtually any gigantic load is transportable. Typical applications range from installing steam generators or precipitators, placing entire railroad bridges, advancing launching trusses, skidding drillworks aboard offshore rigs, even relocating entire multi-story structures!



The same top plate configurations are available as for Hilman's OT, T and NT Series. The "T" style top is flush with the frame body width and length. The "NT" style top overhangs the body at the ends. The "OT" style top overhangs the body sides. 150 and 200 ton SHD Series Rollers have long frame and wide frame configurations as well. Standard hole patterns are supplied in the OR and NT versions. The user can specify no holes if preferred. Special modifications, such as drilled and tapped holes, short or wide versions are also available.

Product No.	Cap. (tons)	Height (in)	Top Plate Width (in)	Top Plate Length (in)	Wt. (lbs)
100-XT	100	6-3/4	8	21	228
150-XTL	150	6-3/4	8	32	344
150-XTW	150	6-3/4	9-7/8	21	307
200-XTL	200	6-3/4	8	36	402
200-XTW	200	6-3/4	12	21	329
200-XTWC	200	6-3/4	14-1/2	21	397
300-XT	300	10	10-3/4	34	735
500-XTWC	500	10	20	34	1341
750-XTW2C	750	10	27-1/2	34	1892
1000-XTW2C	1000	Call for specs. & wts.			
100-XNT	100	6-3/4	8	27	242
150-XNTL	150	6-3/4	8	38	365
150-XNTW	150	6-3/4	9-7/8	27	306
200-XNTL	200	6-3/4	8	42	425
200-XNTW	200	6-3/4	12	27	347
200-XNTWC	200	6-3/4	14-1/2	27	422
300-XNT	300	10	10-3/4	42	781
500-XNTWC	500	10	20	42	1426
750-XNTW2C	750	10	27-1/2	42	2009
1000-XNTW2C	1000	Call for specs. & wts.			
100-XOT	100	6-3/4	14	21	264
150-XOTL	150	6-3/4	14	32	399
150-XOTW	150	6-3/4	16	21	312
200-XOTL	200	6-3/4	14	36	463
200-XOTW	200	6-3/4	21	21	383
200-XOTWC	200	6-3/4	21	21	447
300-XOT	300	10	21	34	883
500-XOTWC	500	10	30	34	1485
750-XOTW2C	750	10	37-1/2	34	2044
1000-XOTW2C	1000	Call for specs. & wts.			

**Material Handling**

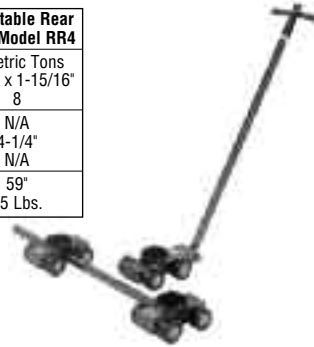
**Rollers**

**HILMAN SERIES 1000 ROLLERS:**

**4 Ton System - Model S1004**

	Steerable Front Unit Model FS4	Adjustable Rear Unit Model RR4
Capacity (tons)	2 Metric Tons	2 Metric Tons
Roll Dia. x W (Nylon)	3-1/4" x 1-15/16"	3-1/4" x 1-15/16"
No. Rolls	4	8
Swivel Dia. (in)	4-5/16"	N/A
Height (in)	4-1/4"	4-1/4"
Handle Lg. (in)	45-1/4"	N/A
Width Adj. (in)	N/A	59"
Assembled Wt. (lbs)	28 Lbs.	45 Lbs.

- System Moves Load Up To 4 Tons
- 1 Point Steerable Front/ 2 Point Adjustable Rear
- Quiet, Protective Nylon Rolls



**8 Ton System - Model S1008**

	Steerable Front Unit Model FS8	Adjustable Rear Unit Model RR8
Capacity	4 Metric Tons	4 Metric Tons
Roll Dia. x W (Nylon)	3-1/4" x 1-15/16"	3-1/4" x 1-15/16"
No. Rolls	8	16
Swivel Dia.	6-1/4"	N/A
Height	4-1/4"	4-1/4"
Handle Lg.	45-1/4"	N/A
Width Adj.	N/A	59"
Assembled Wt.	36 Lbs.	62 Lbs.

- System Moves Load Up To 8 Tons
- 1 Point Steerable Front/ 2 Point Adjustable Rear
- Quiet, Protective Nylon Rolls



**12 Ton System - Model S1012**

	Steerable Front Unit Model FS12	Adjustable Rear Unit Model RR12
Capacity	6 Metric Tons	6 Metric Tons
Roll Dia. x W (Nylon x Steel)	5-1/2" x 2-5/16"	5-1/2" x 2-5/16"
Roll Dia. x W (Poly)	5-1/2" x 3"	5-1/2" x 3"
No. Rolls	4	4
Swivel Dia.	8"	N/A
Height	7-1/2"	7-1/2"
Handle Lg.	44"	N/A
Width Adj.	N/A	15-60"
Assembled Wt. w/Nylon Rolls	297 lbs.	240 lbs.
w/Poly Roll	313 lbs.	256 lbs.
w/Steel Rolls	333 lbs.	276 lbs.

- System Moves Load Up To 12 Tons
- 1 Point Steerable Front/ 2 Point Adjustable Rear
- Available With Poly, Nylon or Steel Rolls
- Options:** • Lightweight Aluminum Handle • Tow Eye



**24 Ton System - Model S1024**

	Steerable Front Unit Model FS24	Adjustable Rear Unit Model RR24
Capacity	12 Metric Tons	12 Metric Tons
Roll Dia. x W (Nylon & Steel)	5-1/2" x 2-5/16"	5-1/2" x 2-5/16"
Roll Dia. x W (Poly)	5-1/2" x 3"	5-1/2" x 3"
No. Rolls	8	8
Swivel Dia.	8"	N/A
Height	7-1/2"	7-1/2"
Handle Lg.	44"	N/A
Width Adj.	N/A	20-60"
Assembled Wt. w/Nylon Rolls	398 lbs.	376 lbs.
w/Poly Rolls	430 lbs.	408 lbs.
w/Steel Rolls	470 lbs.	448 lbs.

- System Moves Load Up To 24 Tons
- 1 Point Steerable Front/2 Point Adjustable Rear
- Available with Poly, Nylon or Steel Rolls
- Options:** • Lightweight Aluminum Handle • Tow Eye



**Standard 36 Ton System - Model S1036**

	Steerable Front Unit Model FS36	Adjustable Rear Unit Model RR36
Capacity	18 Metric Tons	18 Metric Tons
Roll Dia. x W (Nylon & Steel)	5-1/2" x 2-5/16"	5-1/2" x 2-5/16"
Roll Dia. x W (Poly)	5-1/2" x 3"	5-1/2" x 3"
No. Rolls	12	12
Swivel Dia.	10"	N/A
Height	7-1/2"	7-1/2"
Handle Lg.	64"	N/A
Width Adj.	N/A	26-70"
Assembled Wt. w/Nylon Rolls	300 lbs.	280 lbs.
w/Poly Rolls	348 lbs.	328 lbs.
w/Steel Rolls	408 lbs.	388 lbs.

- System Moves Loads Up To 36 Tons
- 1 Point Steerable Front/2 Point Adjustable Rear
- Available With Poly, Nylon or Steel Rolls

**Options:**

- Lightweight Aluminum Handle
- Tow Eye



**Hydraulic Self-Leveling 36 Ton System**

**- Model SH1036**

	Steerable Front Unit Model FSH36	Adjustable Rear Unit Model RRH36
Capacity	18 Metric Tons	18 Metric Tons
Roll Dia. x W (Nylon & Steel)	5-1/2" x 2-5/16"	5-1/2" x 2-5/16"
Roll Dia. x W (Poly)	5-1/2" x 3"	5-1/2" x 3"
No. Rolls	12	12
Swivel Dia.	10"	N/A
Height	7-1/2"	7-1/2"
Handle Lg.	64"	N/A
Width Adj.	N/A	26-70"
Assembled Wt. w/Nylon Rolls	500 lbs.	503 lbs.
w/Poly Rolls	548 lbs.	551 lbs.
w/Steel Rolls	608 lbs.	611 lbs.

- System Moves Loads Up To 36 Tons
- 1 Point Steerable Front/2 Point Adjustable Rear
- Available with Poly, Nylon or Steel Rolls
- Hydraulic Self-Leveling System

**Options:**

- Lightweight Aluminum Handle
- Tow Eye



**Hydraulic Self-Leveling 72 Ton System**

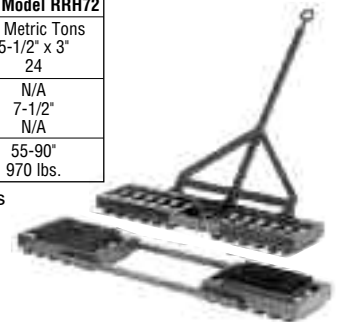
**- Model SH1072**

	Steerable Front Unit Model FSH72	Adjustable Rear Unit Model RRH72
Capacity	36 Metric Tons	36 Metric Tons
Roll Dia. x W (Poly)	5-1/2" x 3"	5-1/2" x 3"
No. Rolls	24	24
Swivel Dia.	10"	N/A
Height	7-1/2"	7-1/2"
Handle Lg.	64"	N/A
Width Adj.	N/A	55-90"
Assembled Wt.	999 lbs.	970 lbs.

- System Moves Loads Up To 72 Tons
- 1 Point Steerable Front/2 Point Adjustable Rear
- Poly Rolls-The Ultimate Floor Protection
- Hydraulic Self-Leveling System

**Options:**

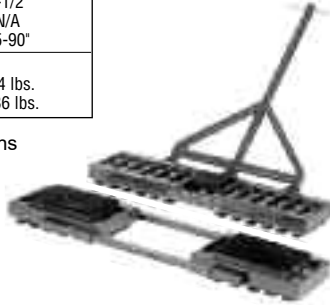
- Lightweight Aluminum Handle
- Tow Eye



## Rollers

### Hydraulic Self-Leveling 100 Ton System - Model SH1100

	Steerable Front Unit Model FSH100	Adjustable Rear Unit Model RRH100
Capacity	50 Metric Tons	50 Metric Tons
Roll Dia. x W (Nylon & Steel)	5-1/2" x 2-5/16"	5-1/2" x 2-5/16"
No. Rolls	24	24
Swivel Dia.	10"	N/A
Height	7-1/2"	7-1/2"
Handle Lg.	64"	N/A
Width Adj.	N/A	55-90"
Assembled Wt. w/Nylon Rolls	903 lbs.	874 lbs.
w/Steel Rolls	1215 lbs.	1186 lbs.



- System Moves Loads Up To 100 Tons
- 1 Point Steerable Front/2 Point Adjustable Rear
- Available with Nylon or Steel Rolls
- Hydraulic Self-Leveling System

**Options:**

- Lightweight Aluminum Handle
- Tow Eye

### Roll Selection Information

Series 1000 Models are available with Polyurethane, Nylon, or Steel Rolls. All rolls operate with internal sealed bearings of the highest quality. The rolls will never need lubrication. The bearings allow easy movement under the maximum rate loaded.

**Technical Specifications**

	Poly Rolls	Nylon Rolls	Steel Rolls
Material	Polyurethane	High Impact Nylon	Alloy Steel
Tread Hardness	Shore 96A	Shore 85D	Rc 26-30
Friction	Low Rolling Friction 4% on Hard Surfaces	Very Low Rolling Friction 2.5% on Hard Surfaces	Lowest Rolling Friction 1% on Hard Surfaces
Operational Characteristics	Shock Absorbing. Significant Noise Reduction. Excellent for Low Contact Stress on Finished Concrete Floors	Good Rate of Wear. Low Noise Compared to Steel	Very Little Force Required to Move. Longer Lifetime
Abrasion Resistance	Resists Abrasion	Resists Abrasion	Resists Abrasion
Chemical Resistance	Resists Harsh Chemicals	Resists Harsh Chemicals	Resists Harsh Chemicals

**Roll Performance Profile**

	Poly Rolls	Nylon Rolls	Steel Rolls
Easy to Push (low friction)	Good	Better	Best
Minimal Wear in Extended Use	Good	Better	Best
Quiet	Best	Better	Good
Shock Absorbing	Best	Better	Good
Low Heat Build Up	Best	Better	N/A
Abrasion Resistance	Good	Better	Best
Resistance to Harsh Chemicals	Good	Better	Best
High Speed Operation	Best	Better	N/A
Oil Resistance	Good	Better	Best
Finished Floors	Best	Better	-

**Model No.**

System Capacity Metric Tons	Poly Rolls	Nylon Rolls	Steel Rolls	Contact Rolls Per system includes Front & Rear Units
4		S1004N		12
8		S1008N		24
12	S1012P	S1012N	S1012S	8
24	S1024P	S1024N	S1024S	16
36	S1036P	S1036N	S1036S	24
<b>Hydraulic Models</b>				
36	SH1036P	SH1036N	SH1036S	24
72	SH1072P	-	-	48
100	-	SH1100N	SH1100S	48

### CM Steerman

**Maneuverability:**

- The Steerman from CM allows workers to easily move loads weighing up to 60 tons.
- A steerable front frame and independent rear trolleys give users load control, improved stability, and greater mobility so they can move loads in any direction – even around tight corners – without adjustments



**Versatility:**

- With its modular format, the system can be adapted to handle exceptionally large loads, or loads that have unusual centers of gravity.
- No tools are needed for assembly and the entire system can be set up in minutes.
- Because the unit is light weight and compact, it is easy to store and transport.

**Superior Design**

- The Steerman is precisely engineered with an extra-strong die cast graphite iron frame, so it's smaller and easier to handle than cumbersome fabricated units.
- Three-point load carrying design ensures a stable and reliable move.
- With shatterproof nylon wheels designed for maximum strength and the lowest possible rolling resistance, Steerman causes no floor damage.

Model No.	Max. Cap. (Metric Tons)	Front Frame/ Wheel Box (in)	Handle Length (in)	Rear Trolleys (in)	Total No. Wheels	Total Wt. (lbs)
S5	5	18 x 16 x 4	45	7 x 5 x 4	16	113
S10	10	18 x 16 x 4	45	6-1/2 x 8-1/2 x 4	24	128
S15	15	21 x 25 x 4	51	6-1/2 x 8-1/2 x 4	32	176
S20	20	21 x 25 x 4	51	8 x 14 x 4-3/4	32	233
S25	25	28 x 35 x 4-3/4	63	8 x 14 x 4-3/4	48	271
S40	40	34 x 48 x 6-1/2	63	11-3/4 x 15-3/4 x 6-1/2	48	586
S60	60	34 x 48 x 6-1/2	63	15 x 19-1/2 x 6-1/2	48	981

## Material Handling

## Skates

### Hevi-Haul Standard Skates

In use every day for smaller move and materials handling. Relatively light weight is easily handled or carried.

#### Junior Skate Model JD-3

Capacity: 1.5 tons (1362 kg) per skate  
Length: 8-1/2" (21.6 cm)  
Width: 6" (15.3 cm)  
Height: 4" (10.2 cm)  
Weight @ 15 lbs. (6.8 kg)



#### Timber Skate Model TD-35

Capacity: 3 tons (2722 kg) per skate  
Length: 12-1/4" (31.1 cm)  
Width: 10-1/2" (26.7 cm)  
Height: 4" (10.2 cm)  
Weight: 35 lbs. (15.9 kg)



#### Swivel Top Timber Skate Model TDS-40

Capacity: 3 tons (5443 kg) per skate  
Length: 12-1/4" (31.1 cm)  
Width: 10-1/2" (26.7 cm)  
Height: 5" (12.7 cm)  
Weight: 45 lbs. (20.4 kg)  
• Teams up with the TD-35 for maneuverability.



#### Turning Handle Model TH-45

Length: 15" (38.1 cm)  
Length: 36" (91.22 cm)  
Length: 48" (121.92 cm)



#### Model ST-5

Capacity: 2.5 tons (2268 kg) per skate  
Length: 15-1/4" (38.7 cm)  
Width: 6-1/8" (15.6 cm)  
Height: 4" (10.2 cm)  
Weight: 30 lbs. (13.6 kg)



#### Model ST-1012

Capacity: 6 tons (5443 kg) per skate  
Length: 15-3/4" (38.7 cm)  
Width: 10-1/2" (26.7 cm)  
Height: 4" (10.2 cm)  
Weight @ 58 lbs. (27.2 kg)



#### Model ST-1040

Capacity: 20 tons (18144 kg) per skate  
Length: 16" (40.6 cm)  
Width: 11-3/4" (29.8 cm)  
Height: 4" (10.2 cm)  
Weight @ 81 lbs. (236.7 kg)



#### Model ST-1060

Capacity: 30 tons (27216 kg) per skate  
Length: 16" (40.6 cm)  
Width: 11-3/4" (29.8 cm)  
Height: 4" (10.2 cm)  
Weight @ 104 lbs. (47.2 kg)



### Hevi-Haul Compact Swivel

#### Model CS-3

Swivel top steel roller dollies can be installed permanently on equipment you move frequently. Smooth top frame drilled and tapped for 1/2" cap screws. Use 1/2" - 13 NC cap screw to install.

Capacity: 1.5 tons (1361 kg)  
Length: 8-1/8" (20.6 cm)  
Width: 6" (15.2 cm)  
Height: 4-1/2" (11.4 cm)  
Weight @ 30 lbs. (13.6 kg)



#### Model CS-12K

Includes 4 CS-3 swivel skates, a 16-1/2" steering handle and a steel storage box.

Capacity: 6 tons (5443 kg)  
Length: 24-3/8" (61.7 cm)  
Width: 9-1/2" (24.1 cm)  
Height: 9-1/2" (24.1 cm)  
Weight @ 143 lbs. (65.9 kg)



#### Model CS-25

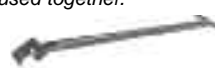
Oscillating swivel top allows skate to tilt with floor irregularities.

Capacity: 12.5 tons (11340 kg)  
Length: 9" (22.97 cm)  
Width: 6-3/4" (17.1 cm)\*\*  
\*\*Width 12" (30.5 cm) over turning bar  
Height: 5-1/2" (14 cm)  
Weight @ 48 lbs. (21.8 kg)



#### Model STB, Model STH

Swivel Tow Bracket (STB). Swivel Tow Handle (STH). *Must be used together.*  
Length: 48" (121.92 cm)  
Weight: 14 lbs. (6.4 kg)



### Hevi-Haul Hevi-Duty Skates

All Skates in this series feature rugged fabricated frames with two rows of tandem rollers for maximum stability. Favorites for tough assignments by machinery movers, riggers, stevedores and contractors.

#### Hevi-Duty Model HD-15

4 center rollers 3-1/2" in diameter. 2 rollers on either end 3-1/4" diameter to bridge gaps over cracks or uneven surfaces. OPTION AVAILABLE AT NO ADDITIONAL COST - 8 rollers to maximize load distribution - no change in skate capacity.

Capacity: 10 tons (9072 kg) per skate  
1/4" (.64 cm) steel plate frame construction.

Length: 27-3/4" (69.9, cm)  
Width: 10-1/2" (26.7 cm)  
Height: 4" (10.2 cm)  
Weight @ 110 lbs. (49.9 kg)



#### Super Duty Model SD-50

4 center rollers 3-1/2" in diameter 2 rollers on either end 3-1/4" diameter to bridge gaps over cracks or uneven surfaces. OPTION AVAILABLE AT NO ADDITIONAL COST - 8 rollers to maximize load distribution - no change in skate capacity.

Capacity: 25 tons (22680 kg) per skate  
1/2" (1.27 cm) and 3/4" (1.9 cm) steel plate frame construction.

Length: 28" (71.1 cm)  
Width: 11-1/4" (28.6 cm)  
Height 4" (10.2)  
Weight @ 140 lbs. (63.5 kg)



#### Block Buster Model BB-100

4 center rollers 3-1/2" in diameter. 2 rollers on either end 3-1/4" diameter to bridge gaps over cracks or uneven surfaces. OPTION AVAILABLE AT NO ADDITIONAL COST - 8 rollers to maximize load distribution - no change in skate capacity.

Capacity: 50 tons (45360 kg) per skate  
3/4" (1.9 cm) and 1" (2.5 cm) steel plate frame construction.



Length: 28" (71.1 cm)  
Width: 12" (30.5 cm)  
Height: 4" (10.2 cm)  
Weight @ 150 lbs. (65.8 kg)

#### Hevi-Weight Model TDM-200

Capacity: 100 tons (90720 kg) per skate 3/4" (1.9 cm) and 1" (2.5 cm) steel plate frame construction. 14 rollers.  
Length: 29-3/4" (75.6 cm)  
Width: 12" (30.5 cm)  
Height: 4-3/4" (10.2 cm)  
Weight @ 229 lbs. (103.9 kg)



• The most rugged Skate on the market.

### Hevi-Haul Tilt-Type Utility Skates

All models in this series have exceptional maneuverability because each skate is capable of being turned on its own radius. Each skate has two 3-1/2" (8.9 cm) diameter central support rollers and one 3-1/4" (8.3 cm) diameter roller on each end. This provides tilting axis which allows easier moving over rough floors, up ramps, over tracks etc.

#### Utility Model UM-8

Capacity: 4 tons (3629 kg) per skate 1/4" (.64 cm) steel plate frame  
Length: 19" (48.3 cm)  
Width: 10-1/2" (26.7 cm)  
Height: 4" (10.2 cm)  
Weight @ 55 lbs. (25.1 kg)



#### Utility Swivel-Top Model UMS-9

Capacity: 4 tons (3629 kg) per skate 1/4" (.64 cm) steel plate frame.  
Length: 19" (48.3 cm)  
Width: 10-1/2" (26.7 cm)  
Height: 5" (12.7 cm)  
Weight @ 66 lbs. (29.9 kg)  
• Available with or without cleats on swivel plate. Without cleats, plate may be drilled or tapped for bolts or lugs.



#### Hevi-Utility Model UM-HD-20

Capacity: 10 tons (9072 kg) per skate.



#### Hevi-Utility Model UM-HD-30

Capacity: 15 tons (13608 kg) per skate. Physical size and appearance of UM-HD-20 and UM-HD-30 are identical. High strength alloy steel is used for M-HD-30 1/2" (1.27 cm) steel plate frame.

Length: 19" (48.3 cm)  
Width: 11" (27.9 cm)  
Height: 4" (10.2 cm)  
Weight @ 70 lbs. (30.6 cm)



#### Hevi-Utility Swivel-Top Model UMS-HD-20

Capacity 10 tons (9072 kg) per skate



TH-45 turning handles and STH (Swivel Tow Handle) together with STB (Swivel Tow Bracket) are available for swiveling skates under load.

## Skates

### Hevi-Utility Swivel-Top Model UMS-HD-30

Capacity: 15 tons (13608 kg) per skate Physical size and appearance of UMS-HD-20 and UMS-HD-30 are identical. High strength alloy steel is used for UMS-HD-30-1/2" (1.27 cm) steel plate frame.

Length: 19" (48.3 cm)

Width: 11" (27.9 cm)

Height: 5" (12.7 cm)

Weight @ 78 lbs. (35.4 kg)



### Hevi-Haul Non-Tilt Utility Skates

Non-Tilt Skates combine stability and increased load capacities of Hevi-Duty models with improved climbing, leading, or following inherent to Tilt Skates.

#### Model UM-HD-15

Capacity: 7.5 tons (6804 kg) per skate 1/4" (.64 cm) steel plate frame.

Length: 23-1/2" (59.7 cm)

Width: 10-1/2" (26.7 cm)

Height 4" (10.2 cm)

Weight @ 81 lbs. (36.7 kg)



#### Model UM-HD-50

Capacity: 25 tons (22680 kg) per skate 1/2" (1.27 cm) steel plate frame.

Length: 23-1/2" (59.7 cm)

Width: 11" (27.9 cm)

Height: 4" (10.2 cm)

Weight @ 97 lbs 44 kg



#### Model UM-HD-75

Capacity: 37.5 tons (34035 kg) per skate Physical size and appearance of UM-HD-50 and UM-HD-75 are identical. High strength alloy steel is used for UM-HD-75.



#### Swivel-Top Model UMS-HD-15

Capacity: 7.5 tons (6804 kg) per skate 1/4" (.64 cm) steel plate frame.

Length: 23-1/2" (59.7 cm)

Width: 10-1/2" (26.7 cm)

Height: 5" (12.7 cm)

Weight @ 95 lbs. (43.1 kg)



#### Swivel Top Model UMS-HD-50

Capacity: 25 tons (22680 kg) per skate 1/2" (1.27, cm) steel plate frame.

Length: 23-1/2" (59.7 cm)

Width: 11" (27.9 cm)

Height: 5" (12.7 cm)

Weight @ 112 lbs. (50.8 kg)



#### Swivel Top Model UMS-HD-75

Capacity 37.5 tons (34020 kg) per skate. Physical size and appearance of UMS-HD-50 and UMS-HD-75 are identical. High strength alloy steel is used for UMS-HD-75.



### Hevi-Haul Slim Skates

Based on design of Hevi-Duty Skates, except these models have a single row of tandem rollers. Use where other high capacity Skates won't fit.

### Tandem-4 Model TDM-4

Capacity: 7.5 tons (16804 kg) per skate. 4 rollers.

Length: 15-1/4" (38.7 cm)

Width: 6-1/2" (16.5 cm)

Height: 4" (10.2 cm)

Weight @ 62 lbs. (28.1 kg)



### Tandem-7 Model TDM-7

Capacity: 12.5 tons (11340 kg) per skate. 7 rollers.

Length: 29-3/4" (75.6 cm)

Width: 6-1/2" (16.5 cm)

Height: 4" (10.2 cm)

Weight: 106 lbs.

(48.2 kg)



### Hevi-Haul Compact Skate

#### Model X-30

Capacity: 15 tons (13608 kg) per skate. Compact solid top design. Built-in carry handle, 4 rollers.

Length: 15-3/4" (40.0 cm)

Width: 10-1/2" (26.7 cm)

Height: 4" (10.2 cm)

Weight @ 66 lbs. (29.9 kg)



### Hevi-Haul Tilt Roller Platform

#### Model PL-44

Capacity: 8 tons (3629 kg) each skate Top surface of this versatile material handler is decked with 1-1/2" (3.8 cm) of planed wood. Ideal for moving pedestal base machines, paper rolls, drums, etc. Tilt-roller design for maximum maneuverability.

Length: 40-1/2" (102.9 cm)

Width: 22-1/2" (57.2 cm)

Height: 5" (12.7 cm)

Weight: 185 lbs. (83.9 kg)

• Available in Pine or Oak.



### Polyurethane Covered Rollers

#### Model Suffix POLY-R

For moves on wooden or file floors, available as option on all models of Hevi-Haul Skates.

Recommended only where floor protection is required.

3-1/4" (8.3 cm) dia.

Weight @ 6 lbs. (2.7 kg)

3-1/2" (8.9 cm) dia.

Weight @ 6-1/2 lbs. (3.0 kg)

• Any Skate with poly rollers exceeding 10 ton capacity is guaranteed at 10 ton each.



### House Mover Skates

#### Features:

- Rollers above and below with free rotation between upper and lower assemblies—provide for precise positioning of load in any direction without stopping to reset.
- Eight cam followers, four on top, four on bottom, adjust to upper and lower beam requirements.
- Top and bottom assemblies can be separated

for easy handling and for use as single skates.

- Heavy duty lifting handles on both upper and lower assemblies.

- Loads roll easily on large bearing supported rollers with grease fittings for easy lubrications.

#### Model HM-25 (not pictured)

Capacity: 25 ton (22680 kg)

Length: 19-1/4" (48.9 cm)

Width: 17-7/8" (45.4 cm)

Height (over rollers): 8-1/4" (21 cm)

Height (overall): 10-1/16" (25.6 cm)

Weight @ 278 lbs. (126 kg)

Guide Roller Width: 5-5/8" – 13-5/8" (14.3 - 34.6 cm)

#### Model HM-50

Capacity: 50 ton (45360 kg)

Length: 19-1/4" (48.9 cm)

Width: 20-1/2" (52.14 cm)

Height (over rollers):

8-1/4" (21 cm)

Height (overall):

10-1/16" (25.6 cm)

Weight @ 318 lbs. (144 kg)

Guide Roller Width: 8-1/4" - 16-1/4" (21 - 41.3 cm)



#### Model HM-100 (not pictured)

Capacity: 100 ton (90720 kg)

Length: 28.25" (71.8 cm)

Width: 20-1/2" (52.14 cm)

Height (over rollers): 8-3/4" (22.2 cm)

Height (overall): 10-9/16" (26.8 cm)

Weight @ 590 lbs. (268 kg)

Guide Roller Width: 8-1/4" - 16-1/4" (21 - 41.3 cm)

### Hevi-Haul Beam Rollers

#### Model BR-3

Capacity: 9 tons (8165 kg) each 1/4" (.64 cm) x 1-3/4" (4.45 cm) steel angle frame construction. 3 rollers.

Length: 15-1/2" (39.37 cm)

Width: 7-3/4" (19.68 cm)

Height: 4" (10.2 cm)

Weight @ 32 lbs. (14.6kg)



#### Model BR-4\*\*\*

Capacity: 12 tons (10,886 kg) each 1/4" (.64 cm) x 1-3/4" (4.45 cm) steel angle frame construction. 4 rollers.

Length: 20-3/4" (52.7 cm)

Width: 7-3/4" (19.68 cm)

Height: 4" (10.2 cm)

Weight @ 44 lbs. (20 kg)



\*\*\*To convert Model BR-4 to a 4 roller skate configuration, order

Part # BR-4-SR (side rails).

**Material Handling**

**General Duty Casters  
760 Swivel/761 Rigid**

The "760" is an economical, all-purpose caster of single ball race construction, made of heavy gauge cold-rolled steel. Simplicity of design renders a combination of quality with low cost. The solid, one-piece steel "761" is embossed for extra strength.

**Applications:** For equipment in the range of 100 to 1400 lbs. Widely used on furniture dollies, box and platform trucks, bakery racks, laundry and linen baskets, and other equipment on which applications require an economical single ball race caster.

**Engineering Data:** Large Raceways deeply Embossed for Extra Strength and Bearing Surface. Hydraulically upset Kingpin for Thrust Absorption. Replaceable Nut and Bolt Axles for 2 through 4" Models. 1-5/8" Casters have Riveted Axles.



Swivel      Rigid

Model No.		Wheel Dia. (in)	Wheel Width (in)	Type	Cap. Ea. (lbs)
Swivel	Rigid				
760-2PS	761-2PS	2	7/8	Payron	100
760-20X	761-20X	2	7/8	Payflex	75
760-20H	761-20H	2	7/8	Payrock	100
760-2-1/2PS	761-2-1/2PS	2-1/2	1	Payron	200
760-2-1/2OX	761-2-1/2OX	2-1/2	1-1/8	Payflex	110
760-2-1/2OH	761-2-1/2OH	2-1/2	1-1/8	Payrock	160
760-3PS	761-3PS	3	1-1/4	Payron	210
760-30X	761-30X	3	1-3/8	Payflex	125
760-30H	761-30H	3	1-3/8	Payrock	210
760-4PS	761-4PS	4	1-3/8	Payron	375
760-40X	761-40X	4	1-1/2	Payflex	200
760-40H	761-40H	4	1-1/2	Payrock	300

**Std. Features:** Zinc plated. 5/16" Shouldered Axle for 2 & 2-1/2" Models. 3/8" Shouldered Axle for 3" Models. 3/8" Straight Axle for 4" Models with 1/2 x 3/8 x 1-13/16" Spanner Bushing.  
**Wheel Types:** Payrock Hard Tread, Peejay, Plexite Phenolic, Payron Semi-Steel, Mirakush, Miratek, Payflex Cushion Rubber, V-Groove.  
**Optional Extras:** "TG" Thread Guards, "WS" Wheel Seals, "WK" Brake

**Light Duty Casters  
020 Swivel/021 Rigid**

An ICM standard. Constructed of cold-rolled steel and embossed for extra strength, the "020" is a double ball-race caster, heat-treated for longer wear & greater strength. The solid, one-piece steel "021" is embossed for extra strength to provide a matching rigid for the "020". A wide variety of stem casters in light, medium & heavy duty are also available - call for additional information.

**Applications:** For equipment in the load range of 100 to 600 lbs. The "020" is designed for use on the following equipment: tool carts, food service trucks, hospital, appliance, office and other portable equipment.

**Engineering Data:** • Larger Diameter Raceways. 3/8" Hydraulically Upset Kingpin. • Heat Treated Wrap-around Brackets. • Vibratory finished means smart, bright appearance.



Swivel      Rigid

Model No.		Wheel Dia. (in)	Wheel Width (in)	Type	Cap. Ea. (lbs)
Swivel	Rigid				
020-20X	021-20X	2	7/8	Payflex	75
020-20H	021-20H	2	7/8	Payrock	100
020-30X	021-30X	3	13/16	Payflex	100
020-30H	021-30H	3	13/16	Payrock	125
020-40X	021-40X	4	31/32	Payflex	110
020-40H	021-40H	4	31/32	Payrock	135
020-50X	021-50X	5	31/32	Payflex	125
020-50H	021-50H	5	31/32	Payrock	145

**Std. Features:** Zinc plated. 5/16" shouldered nut and bolt axles for wheel replacement. Lock nuts for security.  
**Wheel Types:** Payron Semi-Steel, Peejay, Payrock Hard Tread, Miraflex, Miratuff, Payflex Cushion Rubber.  
**Optional Extras:** "WK" Break, "TG" Thread Guards.

**Light Medium Casters  
050 Swivel/051 Rigid**

The "050" has two separate ball bearing swivel raceways. Construction is cold-rolled steel, embossed for strength and heat-treated for long wear. An ICM standard. The "051" is a solid, one-piece steel construction, embossed for extra strength. A wide variety of stem casters in light, medium and heavy duty are also available - call for additional information.

**Applications:** For equipment in the load range of 100 to 800 lbs. Well suited for food service, hospitals, laundries, dairies, furniture and appliances, electronic cabinets, etc.

**Engineering Data:** 1/2" Hydraulically Upset Kingpin with 3 - 6" models; 3/8" Kingpin with 2-1/2" Casters. Brackets, both Upper and Lower Swivel Raceways Heat-treated. Cold-formed Steel parts are Vibratory finished.



Swivel      Rigid

**Castors**

**Light Medium Castors - 050 Swivel/051 Rigid (cont.)**

Model No.		Wheel Dia. (in)	Wheel Width (in)	Type	Cap. Ea. (lbs)
Swivel	Rigid				
050-30X	051-30X	3	1-3/8	Payflex	125
050-30H	051-30H	3	1-3/8	Payrock	210
050-3-1/2BR	051-3-1/2BR	3-1/2	1-1/8	Miraflex	200
050-40X	051-40X	4	1-1/4	Payflex	165
050-40H	051-40H	4	1-1/4	Payrock	255
050-4BR	051-4BR	4	1-1/8	Miraflex	200
050-50X	051-50X	5	1-1/4	Payflex	190
050-50H	051-50H	5	1-1/4	Payrock	280
050-5BR	051-5BR	5	1-1/8	Miraflex	200

**Std. Features:** Zinc plated. 3/8" shouldered axles with 3 through 6" models; 5/16" shouldered axles with 2-1/2" casters.  
**Wheels Available:** Payron Semi-Steel, Peejay, Plexite Phenolic, Payflex Cushion Rubber, Payrock Hard Thread, Broncushion, Miraflex, Miratuff  
**Optional Extras:** "TG" Thread Guards, "SK" Brake, "WK" Brake, "WS" Wheel Seals, "B" Swivel Top Plate

**Medium Duty Castors  
070 Swivel/071 Rigid**

The "070" is a high quality precision swivel caster with two separate, large diameter ball bearing raceways. Construction is of heavy gauge cold-rolled steel, embossed for additional strength & style. Companion "071" Rigid has .149 embossed legs welded to a .225 top plate. A wide variety of stem casters in light, medium & heavy duty are also available - call for additional information.



Swivel      Rigid

**Applications:** For equipment in the load range of 500 to 2000 lbs. A versatile caster of wide usage on both institutional and industrial platforms where precise operation is required.

**Engineering Data:** • .225 Top Plate. • One-piece .149 Wrap-around Bracket Projection welded to .165 Top Cup. • 5/8" Hydraulically Upset Kingpin. • .149 Bottom Cup. • Case Hardened.

Model No.		Wheel Dia. (in)	Wheel Width (in)	Type	Cap. Ea. (lbs)
Swivel	Rigid				
070-4US	071-4US	4	1-3/8	Payron	600
070-40H	071-40H	4	1-1/2	Payrock	300
070-4UV	071-4UV	4	1-1/2	Bronco	240
070-4UM	071-4UM	4	1-1/2	Plexite	550
070-4UK	071-4UK	4	1-1/2	Mirakush	300
070-4UT	071-4UT	4	1-1/2	Miratek	400
070-5US	071-5US	5	1-1/2	Payron	600
070-50H	071-50H	5	1-1/2	Payrock	350
070-5UV	0701-5UV	5	1-1/2	Bronco	280
070-5UM	071-5UM	5	1-1/2	Plexite	600
070-5UK	071-5UK	5	1-1/2	Mirakush	350
070-5UT	071-5UT	5	1-1/2	Miratek	500

**Std. Features:** Zinc plated vibratory finish. Lubrication fittings for swivel and wheel. 1/2" axles for 5 and 6" models; 3/8" axles for 4". 5/8 x 1/2 x 2" hardened spanners for 5 and 6"; 1/2 x 3/8 x 1-13/16" hardened spanners for 4".  
**Wheels Available:** Payron Semi-Steel, Peejay, Plexite Phenolic, Payrock Hard Thread, Payflex Cushion Rubber, Miratuff, Miraflex, Bronco Mold-on, Payron V-Groove  
**Optional Extras:** "TG" Thread Guards, "SK" Break, "WK" Break, "WS" Wheel Seals, "SS" Swivel Seal, "SL" 4-Position Swivel Lock

**Medium Heavy Castors  
200 Swivel/201 Rigid**

The "200" is a precision-built swivel caster with two perfectly aligned swivel raceways. All the cold-formed parts are made to exacting tolerances from heavy gauge steel and are hardened for severe service and long wear. Companion "201" Rigid has .187 embossed legs welded to a .225 top plate.



Swivel      Rigid

**Applications:** For equipment in the range of 500 to 4000 lbs. A large selection of wheels makes it adaptable to a variety of industrial and institutional equipment. Widely used on warehouse trucks, refuse containers, linen carts, etc.

**Engineering Data:** .225 Top Plate. One-Piece .187 Wrap-around Bracket Projection-welded to a .165 Top Cup. 5/8" Hydraulically Upset Kingpin. .149 Bottom Cup. Case Hardened.

Model No.		Wheel Dia. (in)	Wheel Width (in)	Type	Cap. Ea. (lbs)
Swivel	Rigid				
200-6US	201-6US	6	2	Payron	900
200-60X	201-60X	6	2	Payflex	400
200-60H	201-60H	6	2	Payrock	560
200-6UV	201-6UV	6	2	Bronco	410
200-6UM	201-6UM	6	2	Plexite	900
200-6UT	201-6UT	6	2	Miratek	820
200-8US	201-8US	8	2	Payron	1050
200-8UV	201-8UV	8	2	Bronco	500
200-8UM	201-8UM	8	2	Plexite	1000
200-8UT	201-8UT	8	2	Miratek	1000

**Std. Features:** Zinc plated vibratory finish. Lubrication fittings for swivel and wheel. 1/2" nut and bolt axles. 3/4 x 1/2 x 2-5/16" hardened spanners.  
**Wheels Available:** Payron Semi-Steel, Peejay, Plexite Phenolic, Payflex Cushion Rubber, Payvulc, Miratuff, Miraflex, Payrock Hard Thread, Broncushion, V-Groove  
**Optional Extras:** "TG" Thread Guards, "SK" Brake, "WK" Brake, "WS" Wheel Seals, "SL" 4-Position Swivel Lock, Top Plate "B", Top Plate "C"

## Casters/Trucks

### Heavy Duty Casters 300 Swivel/301 Rigid

A rugged cold-forged caster, the "300" is designed to withstand severe shock loads while providing a smooth swiveling action on hardened raceways. A precision top raceway, coined under extreme pressure, supports the load while a large diameter lower ball race absorbs the secondary thrust. Companion "301" Rigid 1/4" embossed legs welded to a 5/16" top plate.



**Applications:** For equipment in the 2000 to 6000 lbs. range. Suitable for heavy industrial and warehousing applications where high shock loads and severe operating conditions prevail.

**Engineering Data:** 5/16" Cold-forged Top Plate. 1/4" Legs welded to 1/4" Top Cup with 7/16" Balls. 1/4" Bottom Cup with 5/16" Balls. 3/4" Hydraulically upset Kingpin.

Model No.		Wheel Dia. (in)	Wheel Width (in)	Type	Cap. Ea. (lbs)
Swivel	Rigid				
300-6US	301-6US	6	2-1/2	Payron	1500
300-6UV	301-6UV	6	2-1/2	Bronco	600
300-6UL	301-6UL	6	2-1/2	Paythane	1400
300-6UM	301-6UM	6	2-1/2	Plexite	1500
300-8US	301-8US	8	2-1/2	Payron	1600
300-8UV	301-8UV	8	2-1/2	Bronco	700
300-8UL	301-8UL	8	2-1/2	Paythane	1600
300-8UM	301-8UM	8	2-1/2	Plexite	1600

**Std. Features:** 3/4" nut and bolt axles. 1 x 3/4 x 2-13/16" hardened spacers. Lubrication fittings for swivel and wheel. Zinc plated.

**Wheels Available:** Payron Semi-Steel, Payductile Steel, Plexite Phenolic, V-Groove, Payvulc, Paythane, Miratek, Bronco Mold-On, Miraflex

**Optional Extras:** "TG" Thread Guards, "WB" Brake, "WS" Wheel Seals, "SL" 4-Position Swivel Lock

### Heavy Duty Casters 500 Swivel/501 Rigid

The massive "500" represents a breakthrough in cold forged caster construction. Alone in its field, it has been designed to improve strength, precision, and durability and offers quality not available in any other method of manufacturing. Poured for pound, the best caster ever developed. The "501" has 3/8" embossed steel legs welded to a 1/2" top plate.



**Applications:** For continuous and punishing service on heavy duty equipment with capacities up to 10,000 lbs. Well suited for the heaviest possible manually operated loads, severe shock conditions, and power-driven equipment.

**Engineering Data:** 1/2" Coined Embossed Cold-forged Top Plate. 1" King Bolt welded in place. 1/2" Balls in 4" Diameter Load Bearing Raceway. 3/8" Balls absorb component thrust in 2-5/8" Forged raceway. Embossed 3/8" Legs welded to Yoke Base.

Model No.		Wheel Dia. (in)	Wheel Width (in)	Type	Cap. Ea. (lbs)
Swivel	Rigid				
500-6US	501-6US	6	3	Payron	2500
500-6UM	501-6UM	6	3	Plexite	2200
500-8US	501-8US	8	3	Payron	2500
500-8UL	501-8UL	8	3	Paythane	2500
500-8UM	501-8UM	8	3	Plexite	2500
500-10US	501-10US	10	3	Payron	2700
500-10UL	501-10UL	10	3	Paythane	2700
500-10UM	501-10UM	10	3	Plexite	2700

**Std. Features:** Zinc plated finish. 1" axle. 1-1/4 x 1 x 3-3/8" hardened spacers. Grease fittings in swivel and wheel.

**Wheels Available:** Payron Semi-Steel, Payductile Steel, Payductile V-Groove, Plexite Phenolic, Paythane, Miratek, Mirakush, Bronco Mold-On

**Optional Extras:** "WB" Brake, "WS" Wheel Seals, "SL" 4-Position Swivel Lock

### Floor Locks - Double Pedal Design

This superb floor lock is unmatched in design and performance, and is adaptable to all types of portable equipment. The double pedals will not allow the operator to place his foot under the load. Large steel disc has non-marking rubber pad for non-slip floor contact. All steel construction eliminates maintenance. Electro-plated finish.

Cat. No.	Over-All Ht. Extended (in)	Over-All Ht. Retracted (in)	Approx. Wt. (lbs)
558-FL	5-5/8	4-7/8	4-1/2
612-FL	6-1/2	5-3/4	4-1/2
734-FL	7-3/4	7	4-3/4
934-FL	9-3/4	9	5

**Note:** Select Floor Lock w/ extended height slightly greater (1/8 to 3/8") than associated caster over-all height



Many product lines of Casters & Accessories are available, please contact your Sales Representative for complete listings & catalogs.

### Special Application Hand Trucks

- Move Packages, Barrels, Cylinders or Appliances
- Folding nose available for all 2 wheel hand trucks

Model No.	Load Cap. (lbs)	Wheel Type	Wheel Size (in)	Bearing (in)	Ship Wt. (lbs)
DT 3008 MR	450	Moldon Rubber/HR.	8 x 2/3	5/8 Roll/oilite	58
DT 3010 FP	450	Full Pneumatic/HR.	10 x 3.50/3	5/8 Ball/oilite	54
DT 3010 SP	450	Semi-Pneumatic/HR.	10 x 2.75/3	5/8 Ball/oilite	54
TT 3008 MR	450	Moldon Rubber	8 x 2	5/8 Roller	35
TT 3010 FP	450	Full Pneumatic	10 x 3.50	5/8 Ball	35
TT 3010 SP	450	Semi-Pneumatic	10 x 2.75	5/8 Ball	35
RS 410 FP	600	Full Pneumatic	10 x 3.50	5/8 Ball	60
RS 410 SP	450	Semi-Pneumatic	10 x 2.75	5/8 Ball	60
Model No.	Combo. Cylinder Dia. (in)	Wheel Type	Wheel Size (in)	Bearing (in)	Ship Wt. (lbs)
CT 30 FP	18	Full Pneumatic	10 x 3.50	5/8 Ball	36
CT 30 SP	18	Semi-Pneumatic	10 x 2.75	5/8 Ball	36

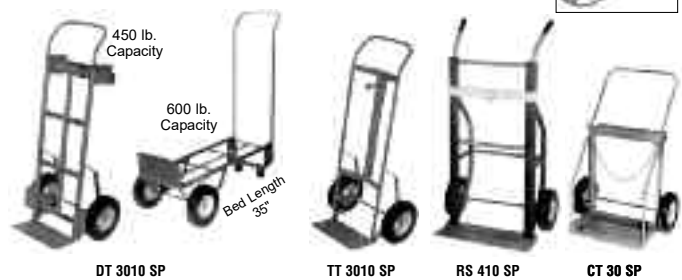
**DT Models** - Dual Truck converts in seconds from hand truck to platform truck. Nose plate 5" x 14" x 3/16" thick clear.

**TT Models** - Trash truck handles steel or fiber drums. Lightweight but tough truck. Barrel hook secures load.

**CT Models** - Welding cylinder truck. Base plate 20"W x 11"D. O.A.H. 39". 7/8" OD. Structural pipe frame, 1/8" thick wall, not light tubing.

**RS Models** - Appliance truck has all contact surfaces carpet padded. Complete with 12' web strap, 27-1/2"W x 54"H, with standard 5" nose plate. (Optional ratchet type.)

**Folding Nose** - Folding nose extension available on all 3000, 4000 & 5000 series hand trucks. 24" usable extension folds completely out of way in up position. (Suffix FN to any model No.) \*Not intended for field installation.



### Heavy Duty Hand Trucks

- 1" OD Structural Pipe Frame, 1/8" Wall Thickness
- Beveled Nose Plate \*7" x 14" x 3/16" thick (\*Usable toe plate space in front of frame)
- Cross Bars Welded Front & Back
- Folding nose available for all two wheel hand trucks

Model No.	Load Cap. (lbs)	Wheel Type	Wheel Size (in)	Bearing (in)	Ship Wt. (lbs)
4008 MR	700	Moldon Rubber	8 x 2	5/8 Roller	40
4010 FP	600	Full Pneumatic	10 x 3.50	5/8 Ball	38
4010 SP	450	Semi-Pneumatic	10 x 2.75	5/8 Ball	38
4008 MR-2	700	Moldon Rubber	8 x 2	5/8 Roller	45
4010 FP-2	600	Full Pneumatic	10 x 3.50	5/8 Ball	43
4010 SP-2	450	Semi-Pneumatic	10 x 2.75	5/8 Ball	43
4108 MR	700	Moldon Rubber	8 x 2	5/8 Roller	42
4110 FP	600	Full Pneumatic	10 x 3.50	5/8 Ball	40
4110 SP	450	Semi-Pneumatic	10 x 2.75	5/8 Ball	40
4108 MR-2	700	Moldon Rubber	8 x 2	5/8 Roller	47
4110 FP-2	600	Full Pneumatic	10 x 3.50	5/8 Ball	45
4110 SP-2	450	Semi-Pneumatic	10 x 2.75	5/8 Ball	45



## Material Handling

# Trucks

### Heavy Duty Hand Trucks

- Axle position adjustable for 8" or 10" Wheels
- 4 curved cross bars (Std. Models)
- 5 curved cross bars (High Models)
- Folding nose available for all two wheel hand trucks

Model No.	Load Cap. (lbs)	Wheel Type	Wheel Size (in)	Bearing (in)	Ship Wt. (lbs)
4208 MR	700	Moldon Rubber	8 x 2	5/8 Roller	40
4210 FP	600	Full Pneumatic	10 x 3.50	5/8 Ball	38
4210 SP	450	Semi-Pneumatic	10 x 2.75	5/8 Ball	38
4208 MR-2	700	Moldon Rubber	8 x 2	5/8 Roller	45
4210 FP-2	600	Full Pneumatic	10 x 3.50	5/8 Ball	43
4210 SP-2	450	Semi Pneumatic	10 x 2.75	5/8 Ball	43
4308 MR	700	Moldon Rubber	8 x 2	5/8 Roller	42
4310 FP	600	Full Pneumatic	10 x 3.50	5/8 Ball	40
4310 SP	450	Semi Pneumatic	10 x 2.75	5/8 Ball	40
4308 MR-2	700	Moldon Rubber	8 x 2	5/8 Roller	47
4310 FP-2	600	Full Pneumatic	10 x 3.50	5/8 Ball	45
4310 SP-2	450	Semi Pneumatic	10 x 2.75	5/8 Ball	45
4408 MR	700	Moldon Rubber	8 x 2	5/8 Roller	42
4410 FP	600	Full Pneumatic	10 x 3.50	5/8 Ball	40
4410 SP	450	Semi Pneumatic	10 x 2.75	5/8 Ball	40
4408 MR-2	700	Moldon Rubber	8 x 2	5/8 Roller	47
4410 FP-2	600	Full Pneumatic	10 x 3.50	5/8 Ball	45
4410 SP-2	450	Semi Pneumatic	10 x 2.75	5/8 Ball	45
4508 MR	700	Moldon Rubber	8 x 2	5/8 Roller	42
4510 FP	600	Full Pneumatic	10 x 3.50	5/8 Ball	40
4510 SP	450	Semi Pneumatic	10 x 2.75	5/8 Ball	40
4508 MR-2	700	Moldon Rubber	8 x 2	5/8 Roller	47
4510 FP-2	600	Full Pneumatic	10 x 3.50	5/8 Ball	45
4510 SP-2	450	Semi Pneumatic	10 x 2.75	5/8 Ball	45



4210 SP Overall Height 47"    4210 SP 2 Overall Height 51"    4310 SP Overall Height 47"    4310 SP 2 Overall Height 53"



4410 SP Overall Height 46"    4410 SP 2 Overall Height 53"    4510 SP Overall Height 46"    4510 SP 2 Overall Height 53"

### 5000 Series Super Duty Hand Trucks

- Welded construction, withstands severe usage
- Beveled nose plate \*8" x 14" x 1/4" Thick (\*Usable toe plate space in front of frame)
- 1-3/8" OD structure pipe frame
- Welded axle position
- Folding Nose for all 2 wheel hand trucks

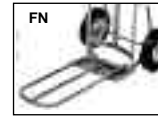


Overall Height 47"    5210 MR-2 Overall Height 51"

Model No.	Load Cap. (lbs)	Wheel Type	Wheel Size (in)	Bearing (in)	Ship Wt. (lbs)
5208 MR	800	Moldon Rubber	8 x 2	3/4 Roll	50
5210 MR	1000	Moldon Rubber	10 x 2-1/2	1 Roll	50
5210 FP	600	Full Pneumatic	10 x 3.50	5/8 Ball	48
5210 SP	450	Semi-Pneumatic	10 x 2.75	5/8 Ball	48
5208 MR-2	800	Moldon Rubber	8 x 2	3/4 Roll	55
5210 MR-2	1000	Moldon Rubber	10 x 2-1/2	1 Roll	55
5210 FP-2	600	Full Pneumatic	10 x 3.50	5/8 Ball	53
5210 SP-2	450	Semi-Pneumatic	10 x 2.75	5/8 Ball	53

### Narrow Aisle Truck

- Beverage truck
- Handle expands from 46" to 72"
- Frame width 10-1/4" wide
- Beveled nose plate \*8-1/4" x 10-1/4" x 1/4"
- Folding nose available on all 2 wheel hand trucks, add suffix "FN" to model number. Note: Not intended for field installation.



Model No.	Load Cap. (lbs)	Wheel Type	Wheel Size (in)	Bearing (in)	Overall Width (in)	Ship Wt. (lbs)
NB 4108 MR	500	Moldon Rubber	8 x 2	5/8 Roll	16-1/4	40
NB 4110 FP	500	Full Pneumatic	10 x 3-1/2	5/8 Ball	19	40
NB 4110 SP	450	Semi-Pneumatic	10 x 2-3/4	5/8 Ball	16-3/4	45

### Roller Pry Truck

Move heavy crates, machinery, & other bulky objects quickly & easily. Loads can be raised 9 inches for placing on skids. Ruggedly constructed with select Red Oak handles, alloy steel nose plate, semi-steel wheels & over-size steel axle. Also available with hard or soft tread rubber wheels at reduced capacities. Badger Pry Trucks are most useful when used in pairs.



Size #	Item Code	Lifting Cap. (lbs)	Lgth. (ft)	Width & Depth of Nose Piece (in)	Axle Dia. (in)	Wt. (lbs)
4	01704	3,000	4	6 x 3-1/4	1	28
5	01705	3,500	5	6 x 3-1/4	1	31
6	10706	4,000	6	6 x 3-1/4	1	33
7	01707	5,000	7	6 x 3-1/4	1	35

### Hydraulic Hand Pallet Trucks

- High quality 5,500 lb capacity
- Lowered height of 2-7/8" for smaller pallet openings
- Touch-control neutral lever
- Polyurethane enamel coating for a durable finish
- Automatic-return handle assumes upright position when work is done
- Unique oil pressure pump, with load limiter
- "D" handle operates from the side as well as from standard rear position
- Nylon load wheels with double sealed ball bearings
- Polyurethane rubber covered steel steer wheels with ball bearings
- Additional zerk fittings for easy lubrication
- Solid steel lifting



Model	Stock No.	Dimensions (in)								Net Wt. (lbs)
		W1	W2	L1	L2	HI	H2	A	B	
PT-2036L	140060	20-1/2	6	36	15	7-3/4	2-7/8	6-1/2 x 2-3/4	2-7/8 x 2-7/8	164
PT-2042L	140061	20-1/2	6	42	15	7-3/4	2-7/8	6-1/2 x 2-3/4	2-7/8 x 2-7/8	173
PT-2048L	140062	20-1/2	6	48	15	7-3/4	2-7/8	6-1/2 x 2-3/4	2-7/8 x 2-7/8	180
PT-2736L	140063	27	6	36	15	7-3/4	2-7/8	6-1/2 x 2-3/4	2-7/8 x 2-7/8	173
PT-2742L	140064	27	6	42	15	7-3/4	2-7/8	6-1/2 x 2-3/4	2-7/8 x 2-7/8	182
PT-2748L	140065	27	6	48	15	7-3/4	2-7/8	6-1/2 x 2-3/4	2-7/8 x 2-7/8	195

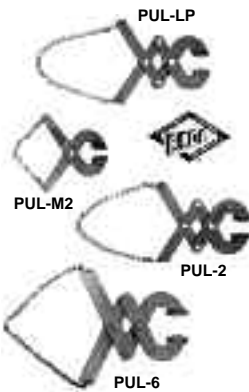


# Trucks/Pullers/Dollies

## Pallet Pullers Wesco

Rugged cast iron Pallet Pullers are designed to access loads beyond fork Lift reach or pallets which are positioned improperly, even with overhanging loads. (Not for lifting.)

- One-piece curved heads have integral spurs to bite into stringers up to 6.5-in. thick.
- Self-cleaning heads, unaffected by wood particles, paint or grease.
- Four models available:
  - PUL-LP uses Low-Profile heads (1.75" high).
  - PUL-2 uses Standard heads (2.75" high).
  - PUL-M2 uses Low-Profile heads (1.75" high).
  - PUL-6 uses Heavy-Duty heads (2.75" high).
- Non-load-rated. Recommended working load limit is 1250 lbs. for .25" proof coil chain and 1900 lbs. for .31" proof coil chain.



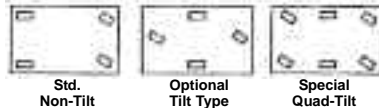
Model No.	Part No.	Jaw Opening (in)	Jaw Ht. (in)	Chain Length/Proof (in)	Wt. (lbs)
PUL-M2	470008	5.5	1.75	12/.25	12.5
PUL-LP*	272021	4.5	1.75	30/.25	19
PUL-2	470007	4.5	2.75	30/.25	20
PUL-6	470006	6.5	2.75	44/.31	44

\*Original Wesco model

## Optional Handles for Platform Trucks

Specify type and no. of handles.  
 Sockets one end standard.

### Running Gear Patterns



\*Additional handle options available, contact your Sales Rep.

## Wood Deck Steel Frame Platform Trucks

- Heavy gauge longitude stiffeners
- Treated hardwood deck
- Standard gray enamel, special colors available
- Trucks shown with Model "B" Handle
- Capacities from 1200 - 4000 lbs.
- All welded construction
- Optional deck heights available
- Optional sizes available
- Trucks shown with Model "B" Handle
- Handles are ordered separately (please specify type)



Model No.	Cap. (lbs)	Wheel Type	Wheel Size		Deck Ht. (in)
			Swivel	Rigid	
211-8 FP	1200	Full Pneumatic	8" 4 Ply	8" 4 Ply	12-1/2
213-10 FP	1200	Full Pneumatic	10" 2 Ply	10" 2 Ply	14-3/4
213-5 MR	1500	Moldon Rubber	5 x 2	5 x 2	9-1/4
215-12 FP	1600	Full Pneumatic	12" 2 Ply	12" 2 Ply	18-1/2
217-1012 FP	1700	Full Pneumatic	10" 2 Ply	12" 4 Ply	15-3/4
215-6 MR	1800	Moldon Rubber	6 x 2	6 x 2	10-1/4
217-8 MR	2200	Moldon Rubber	8 x 2	8 x 2	12-1/4
217-5 PL	2200	Plastic	5 x 2	5 x 2	9-1/4
217-5 PY	2200	Polyurethane	5 x 2	5 x 2	9-1/4
217-5 SS	2200	Semi-Steel	5 x 2	5 x 2	9-1/4
219-1216 FP	2500	Full Pneumatic	12" 2 Ply	16" 4 Ply	19-1/2
219-885 MR	2700	Moldon Rubber	8 x 2	8 x 2-1/2	12-1/2
219-6 PL	2700	Plastic	6 x 2	6 x 2	10-1/4
219-6 PY	2700	Polyurethane	6 x 2	6 x 2	10-1/4
219-6 SS	2700	Semi-Steel	6 x 2	6 x 2	10-1/4
221-812 MR	3000	Moldon Rubber	8 x 2	12 x 2-1/2	15-3/4
223-1012 MR	3500	Moldon Rubber	10 x 2-1/2	12 x 2-1/2	15-3/4
223-8 PL	3500	Plastic	8 x 2	8 x 2	12-1/4
223-8 PY	3500	Polyurethane	8 x 2	8 x 2	12-1/4
223-8 SS	3500	Semi-Steel	8 x 2	8 x 2	12-1/4
225-8516 MR	4000	Moldon Rubber	8 x 2-1/2	16 x 3	19-1/4
225-812 PL	4000	Plastic	8 x 2	12 x 2-1/2	15-3/4
225-812 PY	4000	Polyurethane	8 x 2	12 x 2-1/2	15-3/4
225-812 SS	4000	Semi-Steel	8 x 2	12 x 2-1/2	15-3/4

## Steel Platform Trucks

- All steel reinforced deck
- Capacities from 1200 - 4000 lbs.
- 13 gauge steel deck
- Heavy duty industrial casters
- Longitudinal steel underdeck reinforcements
- Special sizes available
- Std. gray enamel - special colors available
- Trucks shown with Model 'B' handle
- Handles are ordered separately (please specify type)



Model No.	Cap. (lbs)	Wheel Type	Wheel Size		Deck Ht. (in)
			Swivel	Rigid	
210-8 FP	1200	Full Pneumatic	8" 4 Ply	8" 4 Ply	11-1/2
212-10 FP	1200	Full Pneumatic	10" 2 Ply	10" 2 Ply	13-1/2
212-5 MR	1500	Moldon Rubber	5 x 2	5 x 2	8
214-12 FP	1600	Full Pneumatic	12" 2 Ply	12" 2 Ply	17-1/4
216-1012 FP	1700	Full Pneumatic	10" 2 Ply	12" 4 Ply	14-1/2
214-6 MR	1800	Moldon Rubber	6 x 2	6 x 2	9
216-8 MR	2200	Moldon Rubber	8 x 2	8 x 2	11
216-5 PL	2200	Plastic	5 x 2	5 x 2	8
216-5 PY	2200	Polyurethane	5 x 2	5 x 2	8
216-5 SS	2200	Semi-Steel	5 x 2	5 x 2	8
218-1216 FP	2500	Full Pneumatic	12" 2 Ply	16" 4 Ply	18-1/4
218-885 MR	2700	Moldon Rubber	8 x 2	8 x 2-1/2	11
218-6 PY	2700	Polyurethane	6 x 2	6 x 2	9
218-6 SS	2700	Semi-Steel	6 x 2	6 x 2	9
220-812 MR	3000	Moldon Rubber	8 x 2	12 x 2-1/2	14-1/2
220-6 PL	3000	Plastic	6 x 2	6 x 2	9
222-1012 MR	3500	Moldon Rubber	10 x 2-1/2	12 x 2-1/2	14-1/2
222-8 PL	3500	Plastic	8 x 2	8 x 2	11
223-8 PY	3500	Polyurethane	8 x 2	8 x 2	11
222-8 SS	3500	Semi-Steel	8 x 2	8 x 2	11
224-8516 MR	4000	Moldon Rubber	8 x 2-1/2	16 x 3	18
224-812 PL	4000	Plastic	8 x 2	12 x 2-1/2	14-1/2
224-812 PY	4000	Polyurethane	8 x 2	12 x 2-1/2	14-1/2
224-812 SS	4000	Semi-Steel	8 x 2	12 x 2-1/2	14-1/2

## Hard Wood Dollies

- Season kiln dried northern hardwood construction
- Bolt holes countersunk for smooth surface
- Options available: Carpet ends, rubber end caps, rubber matting
- Sizes available: 18 x 24, 18 x 30, 24 x 36
- All swivels



Model No.	Cap. (lbs)	Wheel Type	Four Swivel (in)	Bearing	Deck Ht. (in)
A-813-HR	900	Hard Rubber	3 x 1-1/4	Plain	5-1/2
A-813-SS	1000	Semi-Steel	3 x 1-1/4	"	5-1/2
A-814-HR	1200	Hard Rubber	4 x 1-1/2	"	6-3/4
A-814-SS	1600	Semi-Steel	4 x 1-1/2	"	6-3/4
A-815-HR	1800	Hard Rubber	5 x 2	"	8-1/4
A-823-HR	900	Hard Rubber	3 x 1-1/4	"	5-1/2
A-823-SS	1000	Semi-Steel	3 x 1-1/4	"	5-1/2
A-824-HR	1200	Hard Rubber	4 x 1-1/2	"	6-3/4
A-824-SS	1600	Semi-Steel	4 x 1-1/2	"	6-3/4
A-825-HR	1800	Hard Rubber	5 x 2	"	8-1/4
A-833-HR	900	Hard Rubber	3 x 1-1/4	"	5-1/2
A-833-SS	1000	Semi-Steel	3 x 1-1/4	"	5-1/2
A-834-HR	1200	Hard Rubber	4 x 1-1/2	"	6-3/4
A-834-SS	1600	Semi-Steel	4 x 1-1/2	"	6-3/4
A-835-HR	1800	Semi-Steel	5 x 2	"	8-1/4

## Material Handling

# Dollies/Trucks

### Steel Dollies

- Dollies for all cabinet sizes
- All steel welded dollies
- Smooth sheet steel dollies, lips down (D), lips up (U)
- Open structure angle dollies. 1-1/2" x 1-1/2" x 3/16"
- All swivels
- Std. gray enamel, special colors available



Model No.	Cap. (lbs)	Wheel Type	Four Swivel (in)	Bearing	Deck Ht. (in)
D-843-HR	900	Hard Rubber	3 x 1-1/4	Plain	3-7/8
D-843-SS	1000	Semi-Steel	3 x 1-1/4	"	3-7/8
D-844-HR	1200	Hard Rubber	4 x 1-1/2	"	5-1/8
D-844-SS	1600	Semi-Steel	4 x 1-1/2	"	5-1/8
D-853-HR	900	Hard Rubber	3 x 1-1/4	"	4
D-853-SS	1000	Semi-Steel	3 x 1-1/4	"	4
D-854-HR	1200	Hard Rubber	4 x 1-1/2	"	5-1/4
D-854-SS	1600	Semi-Steel	4 x 1-1/2	"	5-1/4

### Low Profile Mobile Cylinder Truck DV

This ergonomically designed truck allows E-Z bottle entry at 1-1/4" off the ground. Bottles are held securely by chains with adjustable tear drop chain link lock plates welded securely to the frame. Lower swing away containment bar has a thumb latch release for quick yet safe containment of bottles. Lockable 6" x 2" Phenolic casters allow effortless rolling on any hard surface.

The optional tow hitch (heavy spring retractable) will allow quick hook up for mobilization of bottled gases, yet swings out of the way after use for safety and convenience (Painted Safety Orange)



Model No.	No. of Cylinders	Wheels (in)	Length (in)	Width (in)	Height (in)	Wt. (lbs)
MCT-6	6	6 x 2 Phenolic	43	24	42-1/2	165
MCT-8	8	6 x 2 Phenolic	56	24	42-1/2	230

Note: Shipped as KD  
Option: Swing away spring loaded to winch

MCT-8

### Cylinder Truck Racks DV

D.V. Industries exclusive design, "Cam Lock" locking mechanism, ensures that divider arms stay securely in place while in transit vertically. This allows easy manual release without cumbersome spring pins or clips to get bent or lost. Loading and unloading from either end, with 3 size trucks to choose from. This cart allows easy roll on & off of bottles with optional locking Phenolic roller bearing casters, to allow easy mobility, yet secure placement. (Painted Safety Orange)



Model No.	No. of Cylinders	Dim. (in) W x D x H	Wt. (lbs)
BCP-4	4	32 x 25 x 41	160
BCP-6	6	32 x 36 x 41	180
BCP-8	8	32 x 46 x 41	215

Note: Add "C" to end of Model No. to designate casters.  
All models "KD". Add SU to end of model no. for set-up unit. (Set-up units are an additional cost)

BCP-6

### Plastic Box Trucks

WESCO Plastic Box Trucks are useful for storing, protecting or transporting almost any bulky, heavy material. Built of one-piece molded polyethylene, trucks are easy to keep clean. No corners or seams to catch dirt. One-piece molded construction also assures long service life.



- Five sizes: 4, 8, 12, 16 and 20 bushels.
- One-piece seamless molded plastic construction.
- Five color choices: white, grey, blue, red, yellow.
- Casters mounted on 5-ply plywood base for extra rigidity (except 4 bushel models).
- Heavy 0.125" wall thickness.
- Two swivel, two rigid 5" polyurethane casters.

Part No.	Color	Cap. (gals)	Cap. (bushels)	Cap. (lbs)	Outside Dim. H x W x L	Approx. Wt. (lbs)
272503	Grey	32	4	350	21.5 x 21 x 32	19
272504	Blue	32	4	350	21.5 x 21 x 32	19
272505	White	32	4	350	21.5 x 21 x 32	19
272506	Red	32	4	350	21.5 x 21 x 32	19
272507	Yellow	32	4	350	21.5 x 21 x 32	19
272508	Grey	64	8	450	30 x 24 x 35.5	32
272509	Blue	64	8	450	30 x 24 x 35.5	32
272510	White	64	8	450	30 x 24 x 35.5	32
272511	Red	64	8	450	30 x 24 x 35.5	32
272512	Yellow	64	8	450	30 x 24 x 35.5	32
272513	Grey	96	12	550	35 x 28 x 38	37
272514	Blue	96	12	550	35 x 28 x 38	37
272515	White	96	12	550	35 x 28 x 38	37
272516	Red	96	12	550	35 x 28 x 38	37
272517	Yellow	96	12	550	35 x 28 x 38	37
272518	Grey	128	16	600	37 x 30 x 42	41
272519	Blue	128	16	600	37 x 30 x 42	41
272520	White	128	16	600	37 x 30 x 42	41
272521	Red	128	16	600	37 x 30 x 42	41
272522	Yellow	128	16	600	37 x 30 x 42	41
272523	Grey	160	20	600	40 x 34 x 46	54
272524	Blue	160	20	600	40 x 34 x 46	54
272525	White	160	20	600	40 x 34 x 46	54
272526	Red	160	20	600	40 x 34 x 46	54
272527	Yellow	160	20	600	40 x 34 x 46	54

### Steel Box Trucks

- All welded design
- Rugged angles posts
- Heavy gauge steel shelves
- Trucks designed for industrial use
- Roller bearing stand
- Painted gray



1B-5HR-2436

Model No.	Cap. (lbs)	Caster	Size (in)
1B-5HR-2436	1800	5 x 2 Hard Rubber	24 x 36
1B-5HR-2448	1800	5 x 2 Hard Rubber	24 x 48
1B-5HR-3036	1800	5 x 2 Hard Rubber	30 x 36
1B-5HR-3048	1800	5 x 2 Hard Rubber	30 x 48
1B-5HR-X-2436	1800	5 x 2 Hard Rubber	24 x 36
1B-5HR-X-2448	1800	5 x 2 Hard Rubber	24 x 48
1B-5HR-X-3036	1800	5 x 2 Hard Rubber	30 x 36
1B-5HR-X-3048	1800	5 x 2 Hard Rubber	30 x 48



1B-5HRX-2436

**1B-5HR Models** - Welded construction, 2 swivel & 2 rigid caster, OAH, 30-1/2", 24" I.D., 2" hemmed edges

**1B-5HR-X Models** - Welded construction, #13 gauge expanded metal sides with solid bottom & angle iron frame. OAH 31-1/2", 25" I.D.

For tilt type caster pattern, use the prefix T with model number

### Garment Truck

Roll goods (garment) truck. Rugged all welded construction. 58" above the deck.

For tilt type caster pattern, use prefix "T" with model number.

#### Specify Size

30 x 48 30 x 60 30 x 72 30 x 84



TRGS (Short Rolls)

RGL (Long Rolls)

Model No.	Cap. (lbs)	Wheel Type	Wheel Size (in)	Bearing	Deck Ht. (in)
RGS-5HR	1800	Hard Rubber	5 x 2	Roller	8
RGS-8MR	2200	Moldon Rubber	8 x 2	Roller	11
RGL-5HR	1800	Hard Rubber	5 x 2	Roller	8
RGL-8MR	2200	Moldon Rubber	8 x 2	Roller	11

## Trucks/Carts

### A-Frame Truck

- All welded design
- Rugged angles posts
- Heavy gauge steel shelves
- Trucks designed for industrial use
- Roller bearing stand
- Painted gray

Specify Size  
24 x 36 30 x 48 36 x 60  
24 x 48 30 x 60 36 x 60  
24 x 60



Model No.	Cap. (lbs)	Caster	Bearing	OAH (in)
AF-5HR	1800	5 x 2 Hard Rubber	Roller	55
AF-8HR	2200	8 x 2 Moldon Rubber	Roller	58

**AF Models** - Heavy gauge welded steel construction with reinforced channels underneath. 1-1/2" lip up on bottom, 2 swivel & 2 rigid.

### Tall Service Carts

Model No.	Cap. (lbs)	Caster	Bearing	OAH (in)
1SS-5HR	1800	5 x 2 Hard Rubber	Roller	57
1SS-8MR	2200	8 x 2 Moldon Rubber	Roller	60

**1SS Models** - Heavy gauge welded steel construction with reinforced channels underneath, side of all units is 48" above the deck.

Specify Size:  
24 x 48 24 x 60 30 x 48 30 x 60 36 x 60 36 x 72

Model No.	Cap. (lbs)	Caster	Bearing	OAH (in)
1XX-5HR	1800	5 x 2 Hard Rubber	Roller	57
1XX-8MR	2200	8 x 2 Moldon Rubber	Roller	60

**1XX Models** - Angle iron frame with flattened expanded metal. See thru design for visual inspection, side of all units is 48" above the deck.

Specify Size:  
24 x 48 24 x 60 30 x 48 30 x 60 36 x 60 36 x 72



### Tray Service Cart

- All welded design
- Rugged angles posts
- Heavy gauge steel shelves
- Carts designed for industrial use
- Roller bearing stand
- Painted gray

Specify Size:  
18 x 30 24 x 36  
18 x 36 24 x 48



Model No.	Cap. (lbs)	Caster	Bearing	OAH (in)
2T-5HR-12	1800	5 x 2 Hard Rubber	Roller	32-1/2
2T-8MR-12	2200	8 x 2 Moldon Rubber	Roller	35-1/2

**2T Models** - Heavy gauge welded steel construction. 12" deep tray, 2" hemmed edges, tubular push handle.

### Service Carts

- All welded design
- Rugged angles posts
- Heavy gauge steel shelves
- Carts designed for industrial use
- Roller bearing stand
- Painted gray



Model No.	Cap. (lbs)	Caster	Bearing	OAH (in)
1S-5HR-2	1800	5 x 2 Hard Rubber	Roller	30-1/4
1S-8MR-2	2200	8 x 2 Moldon Rubber	Roller	33-1/4
2S-5HR-2	1800	5 x 2 Hard Rubber	Roller	30-1/4
2S-8MR-2	2200	8 x 2 Moldon Rubber	Roller	33-1/4
1S-5HR-2-LD	1800	5 x 2 Hard Rubber	Roller	25
1S-8MR-2-LD	2200	8 x 2 Moldon Rubber	Roller	28
1S-5HR	1800	5 x 2 Hard Rubber	Roller	30-1/4
1S-8MR	2200	8 x 2 Moldon Rubber	Roller	33-1/4

**1S Models** - Tubular push handle, bottom shelf tray type, top shelf standard flat top, or specify tray type.

**2S Models** - Double, tubular push handle both ends, bottom shelf tray type, top shelf standard flat top or specify tray type.

Specify Size - Special Heights available

18 x 30 24 x 36 24 x 48 27 x 54 30 x 60  
18 x 36 24 x 48 24 x 60 30 x 48 36 x 72



### Service Carts

- All welded design
- Rugged angles posts
- Heavy gauge steel shelves
- Carts designed for industrial use
- Roller bearing stand
- Painted gray

Model No.	Cap. (lbs)	Caster	Bearing	OAH (in)
2ST-5HR	1800	5 x 2 Hard Rubber	Roller	30-1/4
2ST-8MR	2200	8 x 2 Moldon Rubber	Roller	33-1/4
3ST-5HR	1800	5 x 2 Hard Rubber	Roller	30-1/4
3ST-8MR	2200	8 x 2 Moldon Rubber	Roller	33-1/4
4ST-5HR	1800	5 x 2 Hard Rubber	Roller	63-3/4
4ST-8MR	2200	8 x 2 Moldon Rubber	Roller	66-3/4
5ST-5HR	1800	5 x 2 Hard Rubber	Roller	63-3/4
5ST-8MR	2200	8 x 2 Moldon Rubber	Roller	66-3/4

**2ST Models** - Bottom shelf tray type, top shelf standard flat top, or specify tray type.

**3ST Models** - Clear shelf spacing, 9-5/8". Bottom shelf tray type, top shelf standard flat top, or specify tray type.

**4ST Models** - Clear shelf spacing, 17". Bottom shelf tray type, top shelf standard flat top, or specify tray type.

**5ST Models** - Clear shelf spacing, 12-1/4". Bottom shelf tray type, top shelf standard flat top, or specify tray type.

Specify Size - Special Heights available

18 x 30 24 x 36 24 x 48 27 x 54 30 x 60  
18 x 36 24 x 48 24 x 60 30 x 48 36 x 72



### Service Carts JET

- 3-1/2" deep metal trays are reversible
- Rugged, 22 gauge metal trays have rolled edge for added strength
- 14 gauge support brackets; 22 gauge trays
- 5" hard rubber casters: two swivel, two fixed for ease in maneuvering
- Carts handle loads up to 500 lbs
- Overall height: 32", Gray in color

Model	SC-1630	SC-2436
Stock Number:	140023	140024
Tray Size (WxLxD/in):	16 x 30 x 3-1/2	24 x 36 x 3-1/2
Net Wt. (lbs):	32	54



### Service Carts JET

- Ergonomically designed to increase productivity and reduce worker fatigue
- Heavy-duty steel construction
- Polyurethane-covered metal hubbed casters (two fixed, two swivel) for easy maneuverability
- Relief valve prevents overload
- Top of stroke bypass valve built in
- Two wheel brake operated by foot pedal on SLC-1650
- One wheel brake on SLC-660 and SLC-660F
- Folding handle on SLC-660F for easy transportation and storage
- Low minimum table height and large surface for many jobs

Model	SLC-1650	SLC-660	SLC-660F
Stock Number:	140773	140774	140775
Capacity (lbs):	1,650	660	660
Max Height (in):	38-5/8	32-3/8	32-3/8
Min Height (in):	16	10-5/8	10-5/8
Table Length (in):	39-3/8	32-1/2	32-1/2
Table Width (in):	20-1/8	19-5/8	19-5/8
Overall Length (in):	52-1/2	42-1/2	40-1/2
Overall Width (in):	22-1/4	19-5/8	19-5/8
Handle Height (in):	38-1/2	37-13/16	37-13/16
No of Strokes to Reach Max Height:	49	21	21
Net Weight (lbs):	240	158	158



**Material Handling**

**Containment & Transfer Systems**

**Type I Terne Plate Safety Cans**

This style is economically designed with a single spout from which you fill and pour. It's designed for carrying flammable liquids you'll be pouring into containers with wider openings. When you add our funnel/hose attachment you get accuracy for pouring into more restricted openings.

Our one-pint to one-gallon models feature a fixed handle with a trigger release cap for filling and pouring. Our two-to five-gallon models feature a swinging handle designed for easy handling of 60-pound+ loads.

Capacity	Description (Dimensions - in)	Approval Listing	Model No.
1 pint	Terne plate, 4-5/8" OD x 6-3/4" H	FM, UL, ULC	10001
1 quart	Terne plate, 4-5/8" OD x 8-1/4" H	FM, UL, ULC	10101
1/2 gal.	Terne plate, 7-1/4" OD x 8-3/8" H	FM, UL, ULC	10201
1 gal.	Terne plate, 7-1/4" OD x 11-1/2" H	FM, UL, ULC	10301
2 gal.	Terne plate, 9-3/8" OD x 12-5/8" H	FM, UL, ULC	10501
2-1/2 gal.	Terne plate, 11-1/2" OD x 11-3/8" H	FM, UL, ULC	10555
3 gal.	Terne plate, 9-3/8" OD x 16-1/8" H	FM, UL, ULC	10701
5 gal.	Terne plate, 11-1/2" OD x 17" H	FM, UL, ULC	10801
5 gal.	Terne plate, 11-1/2" OD x 17" H w/ polyethylene funnel no. 11200, 3/4" OD x 11" L	FM	10802
5 gal.	Jerry style, 22 gauge steel w/spring-close cap, 6-1/2" W x 13-1/2" L x 18-1/8" H	FM	10951
1/2 gal.	Oval, polyethylene w/plated steel fittings, 4-5/8" W x 7-5/8" L x 9-1/2" H.	FM	14045
1/2 gal.	Oval, polyethylene w/stainless steel fittings, 4-5/8" W x 7-5/8" L x 9-1/2" H	FM	14065*
1 gal.	Oval, polyethylene w/plated steel fittings, 4-5/8" W x 7-5/8" L x 12-3/4" H	FM	14140
1 gal.	Oval, polyethylene w/stainless steel fittings, 4-5/8" W x 7-5/8" L x 12-3/4" H	FM	14160*
2-1/2 gal.	Polyethylene w/plated steel fittings, 10-3/4" OD x 14-1/4" H	FM, UL, ULC	14251*
2-1/2 gal.	Polyethylene w/stainless steel fittings, 10-3/4" OD x 14-1/4" H	FM, UL, ULC	14261*
5 gal.	Polyethylene w/plated steel fittings, 12-3/4" OD x 16" H	FM, UL, ULC	14501*
5 gal.	Polyethylene w/stainless steel fittings 12-3/4" OD x 16" H	FM, UL, ULC	14561*

\*These models are also covered under New York City Approval. No. 4448



**Type II Transport/Dispensing Safety Cans**

Same quality construction as the standard Type II cans, but with added features to provide for the safe transport of hazardous liquids. Heavy-duty roll bar construction protects the fill and pour mechanisms from damage in a fall, while providing additional heavy-duty handholds to the standard handle. Dual fusible linked bracket with easy-to-operate hand mechanism provides protection against content spillage while still providing explosion-proof protection in a fire hazard situation. A second easily operated hand actuated mechanism secures the pour spout valve against content spillage in shock load conditions.

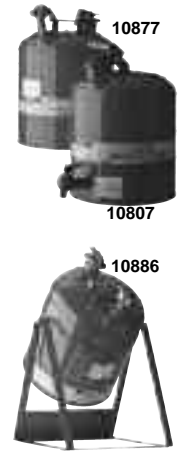
Cap.	Description	Approval Listing	Model No.
2-1/2 gal.	Terne plate, 11-1/2" OD x 13-1/2" H; hose 1" OD x 12" L	1A1/Y1.2/100	10540
2-1/2 gal.	Terne plate, 11-1/2" OD x 13-1/2" H; hose 5/8" OD x 9" L	1A1/Y1.2/100	10541
5 gal.	Terne plate, 11-1/2" OD x 18" H; hose 1" OD x 12" L	1A1/Y1.2/100	10840
5 gal.	Terne plate, 11-1/2" OD x 18" H; hose 5/8" OD x 9" L	1A1/Y1.2/100	10841



**Laboratory Safety Cans - Terne Plate**

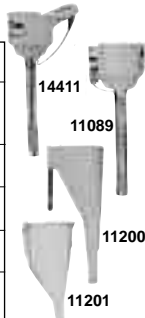
Available in two styles and three sizes, for use on shelves or in tilt stands, these teme plate cans are equipped with self-closing faucets for convenient, controlled dispensing of hazardous liquids. Fill spouts have self-closing pressure relief caps with built-in vacuum breakers and double mesh flame arresters. Faucet on shelf cans is mounted two inches above the bottom; tilt cans have faucet on top. Flexible faucet extensions are available. Tilt cans are used with a sturdy metal cradle that measures 13-13/16" by 14" at the base. Teme Plate Safety Can with Pump offers precise, controlled dispensing. The pump threads into the 3/4" opening on the dome of the can and delivers approximately 3-1/2" ounces per full stroke.

Cap.	Description	Approval Listing	Model No.
1 gal.	Terne plate shelf can, self-closing faucet 08540	FM	10307
3 gal.	Terne plate shelf can, self-closing faucet 08540	FM	10707
5 gal.	Terne plate shelf can, self-closing faucet 08540	FM	10807
5 gal.	Terne plate top faucet can, self-closing faucet 08540	FM	10877
3 gal.	Terne plate shelf can, self-closing faucet 08902	FM	10709
5 gal.	Terne plate shelf can, self-closing faucet 08902	FM	10809
5 gal.	Terne plate top faucet can, self-closing faucet 08902	FM	10879
5 gal.	Terne plate tilt can w/stand, self-closing faucet 08540	FM	10886
5 gal.	Terne plate tilt can w/stand, self-closing faucet 08902	FM, UL	10888
5 gal.	Terne plate can w/carbon steel pump 11-1/2" OD x 23-3/4" H	UL	10833



**Type I Can - Hose Attachments**

Description	Model No.
Bolt-on, galvanized hose; for terne plate cans only. 1" OD x 14" L	11089
Bolt-on hose, 13-1/2" x 1"; for polyethylene cans (4-1/4" OD funnel)	14411
Bolt-on hose, 13-1/2" x 5/8"; for polyethylene cans (4-1/4" OD funnel)	14415
Slip on funnel spout, polyethylene; for terne plate cans only, 3/4" OD x 11" L	11200
Slip on funnel spout, polyethylene; for use with models 14065, 14160, nonmetallic safety cans	11201
Pump, FM-approved, carbon steel for use with model 10877; 1-1/2" OD x 27-1/2" H (included 4-1/2" stroke length)	07710
Pump, FM-approved, stainless steel for use with model 14585; 1-1/2" OD x 27-1/2" H (includes 4-1/2" stroke length)	07711



**Type II Terne Plate Safety Cans - Justrite**

Type II Cans have two openings. One for pouring. One for filling. They feature a built-in flexible metal hose ideal for smooth, accurate, spill-free pouring into small openings like those you might find in bottles, plunger cans and small engines. A rear opening permits convenient filling.

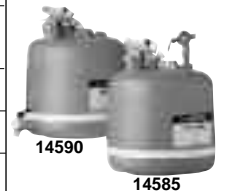
Cap.	Description	Approval Listing	Model No.
1 gal.	Terne plate, 9-3/8" OD x 6-1/2" H hose 5/8" OD x 9" L	FM, UL, ULC	10327
2 gal.	Terne plate, 9-3/8" OD x 9-3/4" H; hose 5/8" OD x 9" L	FM, UL, ULC	10527
3 gal.	Terne plate, 11-1/2" OD x 13-1/2" H; hose 1" OD x 12" L	FM, UL, ULC	10721
3 gal.	Terne plate, 11-1/2" OD x 13-1/2" H; hose 5/8" OD x 9" L	FM, UL, ULC	10728
5 gal.	Terne plate, 11-1/2" OD x 17" H; hose 1" OD x 12" L	FM, UL, ULC	10821
5 gal.	Terne plate, 11-1/2" OD x 17" H; hose 5/8" OD x 9" L	FM, UL, ULC	10828



**Nonmetallic Laboratory Safety Cans**

For use on shelves or in tilt stands, these polyethylene cans have self-closing faucets for convenient, controlled dispensing of hazardous liquids. Fill spouts have self-closing pressure-relief caps and double-mesh flame arresters. Five-gallon models also have built-in vacuum breakers. Faucet on shelf cans is mounted two inches above the bottom; faucet is on top of tilt cans. Flexible faucet extensions are available. Tilt cans are used with a sturdy metal cradle that measures 14-1/2" inches by 14" at the base. Safety Can with Pump offers precise, controlled dispensing and delivers approximately 3-1/2 ounces per full stroke.

Cap.	Description	Approval Listing	Model No.
1 gal.	High-density polyethylene oval shelf can, self-closing stainless steel faucet 08919	FM	14169
5 gal.	High-density polyethylene shelf can, self-closing brass faucet 08540	FM	14590
5 gal.	High-density polyethylene tilt can w/stand self-closing brass faucet 08540	FM	14581
5 gal.	High-density polyethylene top faucet can, self-closing brass faucet 08540	FM	14585
5 gal.	High-density polyethylene can w/stainless steel pump 13-1/2" OD x 25" H	UL	14586



## Containment & Transfer Systems

### Liquid Disposal Cans

Proven. Polyethylene cans contain corrosive and liquid flammable wastes better than conventional metal cans. Their openings are bigger and strategically placed for more controlled filling/pouring during disposal. Fixed position on handle allows lid to stay open for easy pouring. When closed, the cap automatically vents at five psig. A flame an-ester guards against outside ignition. Plated steel fittings for flammable liquids or stainless steel fittings for corrosives.

Cap.	Description	Approval Listing	Model No.
2 gal.	High-density polyethylene w/plated steel fittings, 12" OD x 14-3/4" H	FM	14722
2 gal.	High-density polyethylene w/plated steel fittings, 12" OD x 14-3/4" H, w/08530 gauge built in		14724
2 gal.	High-density polyethylene w/stainless steel fittings, 12" OD x 14-3/4" H	FM	14762
5 gal.	High-density polyethylene w/plated steel fittings, 12" OD x 20" H	FM	14755
5 gal.	High-density polyethylene w/stainless steel fittings, 12" OD x 20" H	FM	14765



14722

### Dip Tanks

Useful for cleaning parts and sub-assemblies, where the volume of work does not warrant use of a larger rinse tank. Dip tanks have manually operated covers which stay open for convenient access. Covers are equipped with a fusible link which melts at 165°F and slams the cover shut in case of fire.

Cap.	Description - OD x H (in)	Approval Listing	Model No.
1 gal.	Terne plate dip tank, 9-3/8 x 5-1/2	FM, UL	27601
2 gal.	Terne plate dip tank, 9-3/8 x 10	FM, UL	27602
3-1/2 gal.	Terne plate dip tank, 11-3/8 x 11-1/4	FM, UL	27603
5 gal.	Terne plate dip tank, 13-3/4 x 13	FM, UL	27605
8 gal.	Terne plate dip tank, 15-5/8 x 14-1/4	FM, UL	27608
5 gal.	Corrosion resistant dip tank, 13-3/4" OD x 13" H.	FM	2761



### Floor-Standing Rinse Tanks

Provide a generously-sized space where larger parts (up to 35 inches wide) can be immersed. The self-closing cover is foot-treadle operated so it can be opened by a worker with both hands full. An adjustable-rate pneumatic check prevents the cover from slamming shut instantly (and catching a hand) when the treadle is released. Tank height is 33 inches, convenient for access whether standing or seated. Heavy terne plate construction; 3/4" drain plug. Sediment screens and parts baskets optional.

Cap.	Description L x W x D (in)	Approval Listing	Model No.
11 gal.	Terne plate standing tank, 24 x 16 x 8-3/4	FM	27110
22 gal.	Terne plate standing tank, 35-1/4 x 16 x 12	FM	27220
11 gal.	Terne plate bench tank, 24 x 16 x 8-3/4	FM	27311
22 gal.	Terne plate bench tank, 35-1/4 x 16 x 12	FM	27322



27220

### Safety Drum Pumps/Flow Meter

Justrite Safety Drum Dispensing. There are two ways of dispensing flammable and combustible liquids. The gravity flow method for horizontally stored drums, and the pump method for vertically stored drums. We recommend the Justrite pump method. It's more economical and safer. (In some jurisdictions gravity flow dispensing is prohibited by code. Check regulations in your area.)

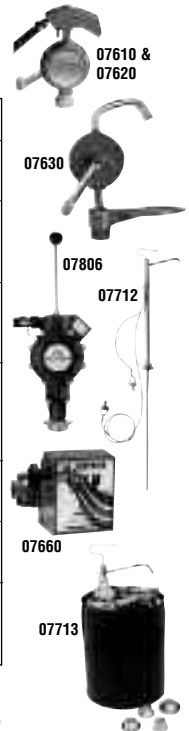
**Rotary Drum Pumps (Series 07600)** For noncorrosive chemicals and solvents. Output is 8-10 gpm. Floating rotor design eliminates jam-ups. Clogs clear easily with a yank of the handle. Automatic pressure and vacuum relief. No bonding wire necessary. Cast iron housing with sintered steel rotor and carbon vanes provides exceptional durability and high suction lift. Models 07610 and 07620 are reversible.

**Piston Drum Pump (Model 07806)** For chemicals including alcohols, ketones, etc. Output 12-15 gpm. Housing is RYTON™. Double action piston delivers at a rate of one quart per full stroke. Wetted internal parts include: Halar® plunger plate, polyester suction tube, nylon lined discharge hose and EPDM gaskets and O-rings. Die cast bung adapter houses a flame arrester and provides for insertion in two-inch drum bung.

**Flowmeter (Model 07660)** This nutating-disc type flowmeter measures with an accuracy of approximately ±1% at any flow rate in its 5-20 gpm operating range. The wheel-type register has large numbers, shows deliveries to 100 gallons in 1/10-gallon increments; instant reset to zero. Totalizer reads cumulatively to 100,000 gallons. Meter can be easily field-calibrated for any liquid. Weatherproof construction with aluminum housing, glass-filled polyester gears and chamber, stainless shaft. Measures 8" x 6" x 6" Silent operation. Not recommended for acids, strong alkalis or mixtures of various liquids.

**Piston Delivery Pump (Model 07712)** Ideal for small quantity dispensing. Manually operated piston pump is suitable for transferring both flammable and combustible liquids. Pump body is carbon steel; internal parts are teflon and steel. Steel bung adapter, flame arrester in nozzle, two-inch NPT threads and adjustable thumb screw to assure proper mounting. Steel pick-up tube is 22" long and has internal screen to keep out debris. Pump depth is adjustable from 22" to 34." Box is 24" high and 9" wide. Mounts easily in the two-inch drum bung and delivers eight ounces per full stroke. May be used with 20-, 30- and 55-gallon drums.

Description	Pump Speed	Approval Listing	Model No.
Rotary transfer pump for petroleum & general solvents, 8 ft. antistatic hose, 3/4" nozzle	8-10 gpm (11 rev/gal)	FM	07610
Rotary transfer pump for non-corrosive chemicals, petroleum & general solvents. 6 ft. lined hose, 3/4" nozzle	8-10 gpm (11 rev/gal)	FM	07620
Rotary transfer pump for non-corrosive chemicals, petroleum & general solvents, 3/4" threaded spout, return tray	8-10 gpm (11 rev/gal)	FM	07630
Flowmeter for use w/Justrite rotary pumps. Compatible w/petroleum & most general solvents, 3/4" female threads on inlet & outlet.	5-20 gpm operation range. Max. temp. 150°F, max. pressure 50 psi.	UL	07660*
Piston delivery pump for non-corrosive chemicals, petroleum & general solvents.	8 oz./stroke	FM	07712
Piston transfer pump for corrosive chemicals, including acetone & ketones	12-15 gpm (1 qt./stroke)	FM	07806
Piston pump for 5-gal. pails. Includes bonding wires & 5 different adapters to fit a wide variety of pail types	3-1/2 - 4 oz. stroke	FM	07713



\* Not recommended for Creosote, Diacetone Alcohol, Ethylene Glycol, Lacquer Thinner, Methyl Isobutyl Ketone, Monochlorobenzene, Petroleum Ether, Pthalates, Propylene Glycol, Trichlorobenzene, Triethylene Glycol

## Material Handling

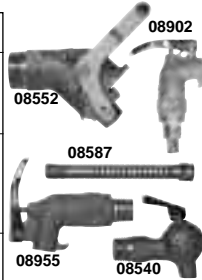
# Containment & Transfer Systems/Container Storage

### Drum Faucets

Self-closing safety faucets incorporate an internal flame arrester. Brass and stainless steel faucets feature a Teflon® seal; zinc faucets have a Buna gasket. Adjustable models screw tightly into drum and can then be adjusted to right position, with spout downward, without thread damage or leakage. Faucet extension provides extra accuracy and prevents spills.

For trouble-free dispensing of viscous noncorrosive flammables such as adhesives, paint or heavy oils above 2000 SSU (about 30W oil), use two-inch drum valves and/or 3/4 inch viscous liquid faucets. Flame arresters are not provided on viscous liquid faucets.

Description	Approval Listing	Model No.
Faucet, 3/4" NPT rigid, brass	FM	08902
Faucet, 3/4" NPT adjustable, brass	FM	08910
Faucet, 3/4" NPT rigid, zinc	FM	08912
Faucet, 3/4" adjustable, zinc	FM	08913
Faucet, 3/4" NPT adjustable, stainless steel	FM	08916
Flexible faucet extension, 8" long, brass		08930
Flexible faucet extension, 6" long, stainless steel		18587
Flexible faucet extension, 6" long, brass for use only with 08540		08584
Faucet, 3/4" NPT brass, viscous liquids	FM	08955
Drum gate valve, 2" NPT brass, viscous liquids	FM	08552
Control Flow Lab Faucet, 3/4" brass	FM	08540



### Drum Vents

Provide automatic pressure relief. Operating valve opens at five psig internal pressure in normal service. Vacuum relief is manual or automatic depending on the model and permits four or more gpm flow through a standard 3/4 inch faucet.

Description	Vacuum Relief	Approval Listing	Model No.
2" NPT brass vent, for petroleum-based applications	Auto	FM	08101*
2" NPT nonmetallic vent, plated steel frame arrester, for petroleum-based applications	Auto	FM	08005*
2" NPT nonmetallic vent, stainless steel frame arrester for chlorinated solvents	Auto	FM	08006*
2" NPS brass vent, for petroleum based application (horizontal drums)	Manual	FM	08300
2" NPS stainless steel vent, for corrosives & general solvents (horizontal drums)	Manual	FM	08306
Cast Iron EL fitting for 08101 or 08005 vents in 2" end drum opening			08011
Cast Iron EL fitting for mounting 08101 or 08005 vents in 3/4" end drum opening			08015



\*Must be installed in vertical position.

### Safety Fill Vents and Funnels

Facilitate waste solvent disposal, while offering protection. Fits 2" bung opening. Cast brass or high-density polyethylene with 6" flame arrester. Automatic pressure and vacuum relief. Cap with safety chain to prevent loss. High-density polyethylene funnel has full 9" diameter to eliminate spills.

Description	Vacuum Relief	Approval Listing	Model No.
2" NPS fill vent w/9" polyethylene funnel, 6" flame arrester	Auto	FM	08211
2" NPS fill vent w/6" flame arrester	Auto	FM	08204
2" NPS polyethylene funnel (only)			08213
2" NPS nonmetallic fill vent w/9" polyethylene funnel, 6" stainless steel flame arrester	Auto		08221
2" NPS nonmetallic fill vent w/6" stainless steel flame arrester	Auto		08222



### Safety Drum Funnels

Large mouth allows fast dumping while minimizing spills. Hinged cover reduces spread of vapors. Models 08205, 08207 and 08208 have fusible-link actuated cover. Funnels are steel with durable powder coat paint finish.

Description	Funnel Size (Dia. x Ht.)	Approval Listing	Model No.
Flammables disposal funnel, steel; 4-1/2" mouth, 1" stainless steel flame arrester, 2" NPS. For use w/5-gal. pail only.	4-1/2" x 4-1/2"	FM	08202
Flammables disposal funnel, steel; 10-3/4" mouth, fusible link actuated cover, 32" brass flame arrester, 2" NPS	10-3/4" x 10"	FM	08205
Flammables disposal funnel, steel; 10-3/4" mouth, fusible link actuated cover, 6" brass flame arrester, 2" NPS	10-3/4" x 10"	FM	08207
Flammables disposal funnel, steel; 10-3/4" mouth, fusible link actuated cover, 33" brass viscous liquids tube, 2" NPS	10-3/4" x 10"	FM	08208



### Waste Collection System w/Tip-Over Protection

Funnel provides a safe, fast & easy means of accumulating liquids. Special adapter w/ integral self-closing ball valve prevents spillage if drum was accidentally tipped over. System includes vent w/ 3/4-inch adapter assuring automatic pressure relief to prevent drum rupture.



Description	Approval Listing	Model No.
10-3/4" dia. flammables disposal funnel w/6" brass flame arrester, self-closing 2" bung adapter, & drum vent w/3/4" bung adapter	FM	08203
Tip-Over Protection Kit includes self-closing 2" adapter, vent w/3/4" adapter. For use w/models 08207 or 08205	FM	08214

### Drum Fill Gauge

Low cost solution to overfilling drums during waste disposal operations. When drum is almost full, indicator "pops up" to warn you.



Description	Length (in)	Model No.
Drum wrench. fits all bung caps, nonsparking brass alloy	10	08805
Nonmetallic pop-up drum gauge, fits 3/4" bung	5	08530
Nonmetallic pop-up drum gauge, fits 3/4" bung	11	08531

### Safety Cabinet Organizers

Organizers enhance organization of liquids and provide convenient access to accessory protection equipment. Drawer organizers combine our most effective method of storage with quality, OSHA-compliant 45-gallon safety cabinets. Organizers can be purchased as a combination unit or can be ordered separately for retrofitting on any Justrite 45-gallon, two-door, manual cabinet with molded-in tabs for insertion of cabinet shelves. They are ideal for storing easily misplaced parts.



25450 cabinet

Description	Door Type	Dimensions H x W x D (in)	Approx./Lstg. Regulation	Model No.
4 5 gal. cabinet 2 shelves & 2 drawer organizer	2 dr., manual	65 x 43 x 18	FM, UL, N, O	B25450
45 gal. cabinet, 2 shelves & 3 drawer organizer	2 dr., manual	65 x 43 x 18	FM, UL, N, O	D25450
45 gal. cabinet, 2 shelves & 4 drawer organizer	2 dr., manual	65 x 43 x 18	FM, UL, N, O	A25450
2 drawer organizer	-	14-1/16 x 38-7/8 x 13-1/16	-	25002Y
3 drawer organizer	-	14-1/16 x 38-7/8 x 13-1/16	-	25003Y
4 drawer organizer	-	14-1/16 x 38-7/8 x 13-1/16	-	25004Y

### Vertical Drum Storage Cabinets

Safely house one or two 30- or 55-gallon drums. (Codes state that not more than 60 gallons may be Class I and II liquids.) All cabinets are supplied with a single half shelf and are designed to accommodate a drum equipped with a pump or funnel. Models with rollers facilitate movement of heavy drums. Optional Ramp with tread design fits securely over sill to make loading drums easier.

Door Type	Cap. (gal)	Ext. Dimensions H x W x D (in)	Approval/Lstg Regulation	Model No.
2 dr., manual	1-55	65 x 34 x 34	FM, N, O	25700
2 dr., self-closing	1-55	65 x 34 x 34	FM, N, O, U	25701
2 dr., manual	2-55*	65 x 59 x 34	FM, N, O	25760
2 dr., Manual w/drum rollers	1-55	65 x 34 x 34	FM, N, O	RL25700
2 dr., self-closing w/drum rollers	1-55	65 x 34 x 34	FM, N, O, U	RL25701
2 dr., manual w/drum rollers	2-55*	65 x 59 x 34	N, O	RL25760
2 dr., manual w/drum rollers	2-30*	65 x 43 x 34	FM, N, O	25861
2 dr., self-closing w/ drum rollers	2-30*	65 x 43 x 34	FM, N, O, U	25863
Ramp for all drum cabinets		24 x 24		25932



RL25700

\* Codes state that not more than 60 gallons may be class I & II liquids.

## Container Storage

### Horizontal Drum Storage

Justrite Horizontal Drum Storage Cabinets are designed to house drums being used for gravity flow dispensing. They provide space for a drip can, and include tracks to guide drum cradle into position. Manual or self-closing doors.

Door Type	Cap. (gal)	Ext. Dimensions H x W x D (in)	Approx./Lstg Regulation	Model No.
2 dr., manual	55	50 x 30 x 48	N, O	25661
2 dr., self-closing	55	50 x 30 x 48	N, O, U	25662



25662

### Safety Can Storage

On-site storage for your flammables or combustibles. Provides hands-on access with minimal exposure.



25302

\*Codes state that not more than 60 gallons may be class I & II liquids.

Door Type	Cap. (gal)	Ext. Dimensions H x W x D (in)	Adj. Shelves	Approx./Lstg Regulation	Model No.
2 dr., manual	30	44 x 43 x 18	1	FM, UL, N, O	25300
2 dr., self-closing	30	44 x 43 x 18	1	FM, N, O, U	25302
4 dr., manual	30	44 x 43 x 18	1	N, O	25304
2 dr., manual	30	35 x 36 x 24	1	FM, N, O	25330
2 dr., manual	45	65 x 43 x 18	2	FM, UL, N, O	25450
2 dr., self-closing	45	65 x 43 x 18	2	FM, N, O, U	25452
4 dr., manual	45	65 x 43 x 18	2	N, O	25454
2 dr., manual	60	65 x 34 x 34	2	FM, N, O	25600
2 dr., self-closing	60	65 x 34 x 34	2	FM, N, O, U	25602
2 dr., manual	90*	65 x 43 x 34	2	FM, N, O	25860
2 dr., self-closing	90*	65 x 43 x 34	2	FM, N, O, U	25862
sliding dr., self-closing	30	44 x 43 x 18	1	FM, N, O, U	25530
sliding dr., self-closing	45	65 x 43 x 18	2	FM, N, O, U	25545

### Flammable Waste Cabinets

Designed for temporary on-site storage of flammable or combustible wastes. Features include double-wall construction, a two-inch leakproof sill, three-point door lock with key, and adjustable leveler feet. Drum cabinets are designed for vertical storage of any 55-gallon drum equipped with a Justrite pump. Model 25755 accommodates two chums side by side.

(Codes state that not more than 60 gallons may be Class I and Class II liquids.) Models 25715, 25716 and 25755 are supplied with single shelf-, 25715 and 25716 can be fitted with additional shelves to store up to 12 five-gallon liquid disposal cans. Painted white.



25755

Door Type	Cap. (amt-gal)	Ext. Dimensions H x W x D (in)	Adj. Shelves	Approx./Lstg Regulation	Model No.
2 dr., manual	1-55 (drum)	65 x 34 x 34	1	FM, N, O	25715
2 dr., self-closing	1-55 (drum)	65 x 34 x 34	1	FM, N, O, U	25716
2 dr., manual	2-55 (drums)	65 x 59 x 34	1	N, O	25755
2 dr., manual	6-5 (drums)	44 x 43 x 18	1	FM, UL, N, O	25355
2 dr., self-closing	6-5 (cans)	44 x 43 x 18	1	FM, N, O, U	25356
2 dr., manual	9-5 (cans)	65 x 43 x 18	2	FM, UL, N, O	25455
2 dr., self-closing	9-5 (cans)	65 x 43 x 18	2	FM, N, O, U	25456

### Corrosives Storage

25705

Corrosives can easily penetrate and destroy your cabinet surfaces. To resist acids and alkaline corrosives, we have three varieties of storage: 18-gauge steel cabinets, non-metallic laminated cabinets, or polyethylene cabinets.

Our metal cabinetry for corrosives comes in a wide variety of sizes. All standard models feature double-wall construction, dual vents, grounding wire connections, reinforced spill-catcher shelves, leakproof sills, three-point latching doors and self-leveling feet. Spillcatcher trays are included with our steel cabinets. They are formed of virtually chemically inert high-density polyethylene and are fitted to the shelves and floor. These trays can be easily removed and cleaned as necessary.



25703

Door Type	Cap. (gal)	Ext. Dimensions H x W x D (in)	Adj. Shelves	Approx./Lstg Regulation	Model No.
2 dr., manual, steel	4	22 x 17 x 17	1	N, O	25040B
2 dr., self-closing, steel	4	22 x 17 x 17	1	N, O	25042B
2 dr., manual, steel	30	44 x 43 x 18	1	FM, N, O	25703*
2 dr., self-closing, steel	30	44 x 43 x 18	1	FM, N, O, U	25704*
Slide Door, self-closing, steel	30	44 x 43 x 18	1	FM, N, O, U	25530B*
2 dr., manual, steel	45	65 x 43 x 18	2	FM, N, O	25705*
2 dr., self-closing, steel	45	65 x 43 x 18	2	FM, N, O, U	25707*
Slide-door self-closing, steel	45	65 x 43 x 18	2	FM, N, O, U	25545B*
2 dr., manual, steel	60	65 x 34 x 34	2	FM, N, O	25600B*
2 dr., self-closing, steel	60	65 x 34 x 34	2	FM, N, O, U	25602B*

\* Not recommended for storage of phenol, nitric acid or sulfuric acid.

### Relocatable Outdoor Hazardous Material Storage Cabinets

- Factory Mutual Approval
- Heavy 12-gauge steel walls and roof formed and welded for strength
- 3-Point locking system for security
- Oversized sump meets NFPA 30 and EPA 40CFR - Hydrostatic tested to be leaktight
- Urethane coating for weather resistance
- Gravity ventilation
- Bonding, grounding system to protect against static electricity
- Chemical resistant epoxy on interior surfaces for long life
- Removable sectional flooring for easy sump inspection and cleaning
- Seismic hold down protection
- Forklift channels for easy relocation
- Safety signage for proper identification

### Fire-Rated Cabinets Also Include:

- Two-hour fire-rated gypsum board sandwiched between 12-gauge steel exterior and galvanized siding on interior side
- Two-hour fire-rated door(s)
- 1-1/2 hour fire louver on vent openings

### Explosion-Relief Cabinets Also Include:

- Explosion-relief system incorporates FM approved release clips. Relieves at 20PSF.



28380

Model No.	Drum Cap.	Sump Cap. (gal)	Outside Dim. W x D x H (in)	Inside Dim. W x D x H (in)	Door(s) Opng. W x H (in)	Wt. (lbs)
<b>Non-Combustible Cabinets*</b>						
28120	2	60	68 x 36 x 64	64 x 32 x 50.5	54 x 48	1000
28140	4	120	68 x 66 x 64	64 x 62 x 50.5	54 x 48	1375
28160	6	160	90 x 66 x 96	86 x 62 x 82.5	54 x 80	1800
28380	8	250	138 x 66 x 96	134 x 62 x 82.5	54 x 80 (2)	2075
<b>Fire-Rated Cabinets*</b>						
28320	2	60	68 x 36 x 64	64 x 32 x 50.5	54 x 48	1600
28340	4	120	68 x 66 x 64	64 x 62 x 50.5	54 x 48	2225
28360	6	160	90 x 66 x 96	86 x 62 x 82.5	54 x 80	2900
<b>Non-Combustible Explosion Relief**</b>						
28420	2	60	68 x 36 x 64	64 x 32 x 50.5	54 x 48	1000
28440	4	120	68 x 66 x 64	64 x 62 x 50.5	54 x 48	1425
28460	6	160	90 x 66 x 96	86 x 62 x 82.5	54 x 80	1800
<b>Fire-Rated Explosion Relief**</b>						
28520	2	60	68 x 36 x 64	64 x 32 x 50.5	54 x 48	1600
28540	4	120	68 x 66 x 64	64 x 62 x 50.5	54 x 48	2225
28560	6	160	90 x 66 x 96	86 x 62 x 82.5	54 x 80	2900

\* FM-approved except for the storage of Class 1A or dispensing of Class 1B flammable liquids as defined by NFPA 30.

\*\*FM-approved for the storage and dispensing of Class 1A flammable liquids as defined by NFPA.

### Spill Control Pallets

- Safely contain spills
- comply w/40CFR 264.175 & uniform Fire Code
- Convenient satellite waste accumulation
- Safe liquid dispensing station
- Battery holding center



28041

Model No.	Description	Outside Dim. W x L x H (in)	Sump Cap. (gal)	Load Bearing Cap. (lbs)	Wt. (lbs)
28234	2-Drum In-Line Polyethylene Pallet	49 x 25 x 15.5	66	2500	70
28703	3-Drum In-Line Polyethylene Pallet	73 x 25 x 11.6	66	3750	85
28303	3-Drum In-Line Steel Pallet	80 x 28 x 13	76	3800	360
28704	4-Drum In-Line Polyethylene Pallet	97 x 25 x 9	66	5000	110
28254	4-Drum Square Polyethylene Pallet	49 x 49 x 10.25	66	5000	102
28041	4-Drum Square Steel Pallet	52 x 52 x 14	85	4600	350
28305	5-Drum In-Line Steel Pallet	128 x 28 x 13	110	6150	525
28061	9-Drum Square Steel Pallet	78 x 78 x 9	85	10500	850

**Material Handling**

**Drum Storage & Handling**

**Single Drum Collection Station**

- High value, economical means of minimizing spill control costs
- Rugged polyethylene for maximum chemical resistance
- Sturdy forklift shoulders for easy long distance moving
- Translucent walls for leak detection
- Large diameter opening makes drum loading easy
- Empty bases nest for storage



Model No.	Description	Outside Dim. x H (in)	Containment Cap. (gal)	Wt. (lbs)
28268	Polyethylene Drum Containment Base	Top 33" OD x Bottom 25.5" OD x 31.75" H	55	44
28270	Steel Drum Dolly, Holds 55-gal. Drum or 85-gal. Salvage Drum	27" D x 5.25" H w/Wheels	N/A	14

28268

**Spill Control Accessories**

Controlled collection of liquids is made simple and cost effective with large polyethylene funnels, for both flammable and hazardous liquids. Lockable steel funnels also available.

Drip pan, spill tray, or drip can all provide a practical solution to containing incidental drips from drum faucets. Drip can and spill tray offer flame arrester protection.

- Low profile, large diameter funnels make pouring easy
- Fits both 30- & 55 gal. drums
- Reduce mess, keep drum tops clean



28210

Model No.	Containment Description	Outside Dim. x H (in)	Cap.	Wt. (lbs)
28210	Polyethylene Funnel for Viscous or Non-Flammable Liquids	21" x 3.25" Fits 30 & 55-Gallon Drums	2.5 Gallons	5 lbs.
28211	Polyethylene Funnel for Flammable Liquids Includes 2" NPS Fill Vent and 6" Flame Arrester	21" x 3.25" Fits 30 & 55-Gallon Drums	2.5 Gallons	7 lbs.
28215	Cover for Funnel #28210	19" x 1.25"	N/A	5 lbs.
28056	Polyethylene Drip Pan With Absorbent	13" W x 13" L x 3" H	1.4 Gallons	2 lbs.
10376	Steel Drip Can for Flammables, FM Approved	9.375" x 4.5"	1 Gallon	4 lbs
10177	Steel Spill Tray for Flammables	13.75" x 1.25"	1 Quart	4 lbs.

**Spill Containment Caddy**

- Safety and Compliance
- Safe, Easy Handling
- Reduce Clean-up Expenses
- Safe, Convenient Dispensing
- One piece, tough molded polyethylene body can't corrode or rust
- Recessed cradle with quick-lock strap holds drum firmly in place
- Large 10" wheels for easy rolling
- 80 gallon spill capacity exceeds 40CFR 264.175
- Dispensing well accommodates pails, safety cans, bench cans. Optional well liner or spill tray makes it easier to clean incidental drips
- Forkliftable for long distance moving



28908

Model No.	Description	Dimensions W x L x H (in)	Sump Capacity (gal)	Load Bearing Cap. (lbs)	Wt. (lbs)
28901	Spill Containment Caddy	32" x 27" x 69"	80	600	85
28908	Outdoor Spill Containment Caddy	34" x 27" x 69"	80	600	92
28909	Caddy Well Liner	19.25" x 16.625" x 3"	1	N/A	2
10177	Terne Plate Spill Tray	13.75" O.D. x 1.25" H	1	N/A	4

**Drum Management System**

Safety is a high priority in facilities worldwide. Managing drums of hazardous chemicals requires special precautions as well as good house-keeping to prevent accidents. A workplace cluttered with drums is not only unsafe, it is also inefficient. Valuable floor space can be used more productively with equipment designed specifically to safeguard drum storage, spill containment, and convenient dispensing.

1. Optional Stack Module supports 1,200 pounds and facilitates dispensing from two levels.
2. Generous 100 gallon spill containment sump exceeds EPA regulations.
3. Each module is molded of polyethylene for resistance to attack from solvents, acids or caustics for years of long life.
4. Forklift pockets (front and rear) for easy relocation of unloaded system.
7. Dispensing shelf mounts firmly on Stack Module to facilitate dispensing.
6. Double dispensing well accommodates safety cans or 5-gallon (18.9 liter) pails. Ribbed bottom keeps containers above liquid resulting from incidental drips.
5. Base module total load capacity to 3,000 pounds.



28902

Model No.	Description	Dimensions L x W x H (in)	Containment Capacity (gal)	Handling Capacity (lbs)	Wt. (lbs)
28902	DMS Base Module	55.5" x 48.5" x 23"	100	3000	130
28903	DMS Stack Module	41" x 48.5" x 13"	N/A	1200	10
28904	DMS Dispensing Shelf	17" x 21.5" x 17.5"	N/A	60	7

**Model 85 Series - Drum-Karrier**

Transports loaded drums by monorail, crane, or chain block allowing fast manual dumping and dispensing.

Use on your own hoist hook for fast, simple, manual dispensing. Tilt-lock holds drum in vertical position while moving, or the drum may be locked at horizontal for draining thru a faucet. Release the locks for hand controlled tilting to any angle. Morse Drum-Karriers are available in several sizes for various drums, see chart.



Model 85A



The suspended Drum-Karrier is pushed against the drum with saddle at drum center. Operators "bare hands" on the ratchet mechanism cinch drum.



Raise hoist & move drum to location for dispensing.

**Model 90 - Verti-Karrier**

Grab, lift, move & place drums almost anywhere.

The Morse Model 90 lets you raise and move up to 1,000 lbs. closed drum loads into remote or hard-to-reach areas. Just attach the Verti-Karrier to your hoist, move the Karrier to drum and then lift. It grips automatically. Releases the load when the drum is set down. Grip pads will not disconnect until the drum is fully down. The operator's only duties are to operate the hoist and guide the grab into position. Moving drums to and from difficult locations saves operator and equipment time, and protects against dangerous climbing. The grab mechanism is simple.



**Model 184 & 186 - Adjusto-Karriers**

Adjusto-Karriers are adjustable to grip steel or fibre drums. Urethane faced grip pads are tightened by hand-crank to fit diameters as specified in chart. Operator controls by pull-chain driven geared tilt similar to that of 185A.





## Drum Storage & Handling

### Model 185 Series - Kontrol-Karrier

Hand operated geared tilt for efficient controlled pouring.

Pull chain controlled and "hand-gearred", this cost efficient drum handler saves time and labor costs by using your hoist to allow controlled pouring at heights beyond reach. Gears permit a 360° turn in either direction. Model 185A has a gear and sprocket drive with 30:1 ratio. Model 185AHD "heavy-duty", has an extra 2:1 heavy-duty sprocket set to give 60:1 ratio for higher capacity and finer control. Model 185AGR has a 60:1 worm gear speed reducer and "extra heavy-duty" rating.



Model 185-GR shown

#### HIGH STRENGTH LIFTING COMPONENTS

Morse Drum Handlers use high strength lifting components as specified by OSHA for overhead lifting. Drums are secured by high strength, wear resistant chain manufactured to Morse specifications. The chain tightening ratchet and spring loaded pawl assembly has been redesigned with stronger teeth and redundant safety features for reliability and ease of use.



#### Karriers for use "Below the Hook"

Model No.	Tilt	Drum Size Type/Dia.	Fibre Drum Capability	Cap Full (lbs)	Cap 1/2 Full (lbs)	Shpg. Wt. (lbs)
85A	Manual	55 gal. 22-1/2" steel	Opt. E-strap	800	-	46
85B	Manual	30 gal. 19" gal.	Opt. E-Strap	800	-	46
85C	Manual	21" to 23" steel or fibre	Std.	800	-	46
85D	Manual	19"-20-1/2" steel or fibre	Std.	800	-	46
90	No	55 gal. 22-1/2" steel closed top	No	1000	1000	50
190	No	55 gal. 22-1/2" steel closed top	No	1000	1000	65
185AGR	Xtra.H.D.H.G.*	55 gal. 22-1/2" steel	No	2000	1000	165
185AHD	Hvy.Duty H.G.	55 gal. 22-1/2" steel	Opt. E-strap	1500	800	85
185BHD	Hvy.Duty H.G.	30 gal. 19" steel	Opt. E-strap	1500	800	85
185CHD	Hvy.Duty H.G.	55 gal. 21"-23" steel or fibre	Std.	1500	800	85
185DHD	Hvy.Duty H.G.	30 gal. 19"-20-1/2" steel or fibre	Std.	1500	800	85
185A	Hand Geared	55 gal. 22-1/2" steel	Opt. E-Strap	800	500	71
185B	Hand Geared	30 gal. 19" steel	Opt. E-Strap	800	500	71
185C	Hand Geared	55 gal. 21"-23" steel or fibre	Std.	800	500	71
185D	Hand Geared	30 gal. 19"-20-1/2" steel or fibre	Std.	800	500	71
184	Hand Geared	8" to 15" steel or fibre	Std.	500	250	120
186	Hand Geared	15-23" steel or fibre	Std.	500	250	121

\*Extra Heavy Duty Hand Geared, Uses Worm Gear Speed Reducer.

### Automatic Drum Handling Attachment

Industry's most often specified drum handlers for heavy duty use.

Easily and quickly attached, no hydraulic or electric connections required. Drum handler slips onto forks and is tightened into position by turn-down bolts. Enables a forklift operator to lift, transfer and deposit standard steel 55 gallon drums that have rolling ribs without leaving his seat and without assistance. The drum is maintained firmly horizontally and deposited gently in the some position.



1. Hand Advance Bolts Tighten Against Forks
2. Fork Pockets 5-1/2" x 2" I.D. Spaced 22" Center To Center Standard On Single Models. 7" x 2-1/4" Pockets Spaced 25" Center To Center Optional On Single Models. Double Model Pockets, 7" x 2-1/2" On 26" Centers.
3. Eccentric Action Drum Gripping Arms
4. Oilite Brushed Pivot Points.



The arms swing on pivots that allow engagement by a slight forward and downward pressure against the drum. Engaging arms are on an eccentric cam that applies a firm pressure automatically by action of the loaded drum.

Special Designs Available Upon Request.

Model No.	Drum size (gal)	Unit Cap. (lbs)	Unit Type	Shpg. wt. (lbs)
41-78	55	1500	Single	143
41-79	55	3000	Double	225

Note: Fork pockets on single drum model are for moderate size forklifts. For larger pockets (7" x 2-1/4" add suffix "LP" to model number. The larger pockets are standard on double drum model.

### Herc-U-Grab™ Drum Handler

These units are designed with large fork pockets to fit a wide range of lift trucks. Drum handler secures to forklift by retaining chain. No parallel arm action—arms work independently of one another. Units handle 55-gallon drums more economically than any other drum handler in the industry. Solid steel lifting arms measure 1/2" x 2-1/2".



Model No. 43-36  
Lifting Capacity 1,200 lbs.

Selection of single drum and double drum units



Model No.	Unit Description	Overall Dim. WxLxH (in)	Fork Pocket Dim. WxLxH (in)	Shpg. Wt. (lbs)
*43-36	Single Drum Unit	23 x 35 x 4	6-5/8 x 15 x 2	58
43-85	Double Drum Unit	46 x 36 x 4	6-5/8 x 15 x 2	90

\*Unit is UPS shippable.

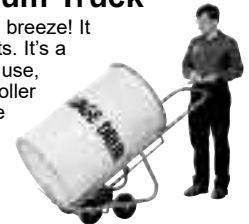
### Drum Cradle Truck Model 36

Easy to load drums as heavy as 500 lbs. Welded construction of heavy steel. Shipped set-up to save assembly time. Complete with built-in retractable tipping lever. Ships by UPS.



### Model 160 Multi-Purpose Drum Truck

This new truck makes moving and dispensing a breeze! It can also be used to move drums on or off pallets. It's a completely new design for extra safety, ease of use, and versatility. Four equally large 8" polyolefin roller bearing wheels carry the load, no burden for the user. Moves through narrow aisles with hands protected by the u-shaped handle. The extendible support prop allows it to self-stand for storage and stabilizes it in dispensing position. Toe prongs are set at precise angles to load efficiently and are broad and blunt to be protective of plastic drums. Handles various types of drums 17-28" diameter and 28-1/2" - 41" tall including 55 and 30 gallon steel drums, 85 gallon salvage drums and most late model rimmed plastic drums. Also for fibre drums with sufficiently deep rim recess for hook engagement. Capacity 1000 lb. Shipping weight 63 lb.



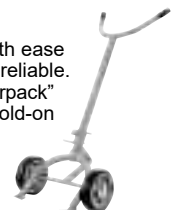
### Drum Dolly Model 14

For easy moving of 55-gals. drums securely. Model 14-30 is sized for 30 gal. steel drums. Wide stance base has four swivel casters with 3" MORTUF polyolefin wheels. Capacity 1000 lbs. Wt. 21 lbs.



### Models 152 & 153 Hand Trucks

Trim, tough, all steel, welded construction for strength, with ease of use and low price. Easy to load and move, strong and reliable. Capacity 1000 lbs. Designed for 30 to 55 gallon and "overpack" or "salvage drums". Model 152 has 10" x 2-1/2" rubber mold-on wheels with roller bearings. Model 153 has 10" MORTUF polyolefin wheels.



15  
Material Handling

**Material Handling**

**Drum Storage & Handling/Pallet Racks**

**Morse Flexible Band Drum Heaters**

Easy to use flexible heaters provide a simple effective and reliable way to heat contents of metal drums. Use them to preheat process ingredients, melt material, control viscosity, protect against freezing, speed flow of liquids, reduce residue, and promote dissolution. Morse band heaters are made of flexible, tough fiberglass reinforced silicon rubber to conform to the drum and to be easy to keep clean, easy to attach, and convenient to store. Both models are 4" wide, sized to fit 55 gallon metal drums, produce 1500 watts, and have cord and plug for 120 volt power. Not for "flammables" nor explosion hazard areas. For metal drums only.

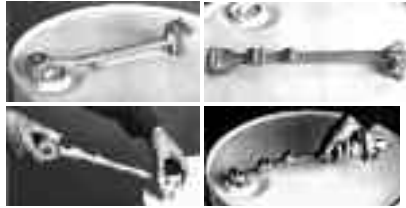


Model 710 has an adjustable thermostat for a control range of 25 to 330 degrees F. Model 700T150 has a "fixed" thermostat for 150 degrees F.

**Drum Wrenches**

**Model 59 Morplug® Bung Wrench**

New design with many surfaces and shapes to fit virtually all drum plugs. Works with steel, fibre or plastic drums. Solid ductile iron one piece construction for durability. Generous size for extra leverage and hand clearance. Use for drums of nonflammable materials. Individually packed in sturdy shipping cartons showing instructions for use.



**Model 59SRM Moreplug® Spark Resistant Bronze Wrench**

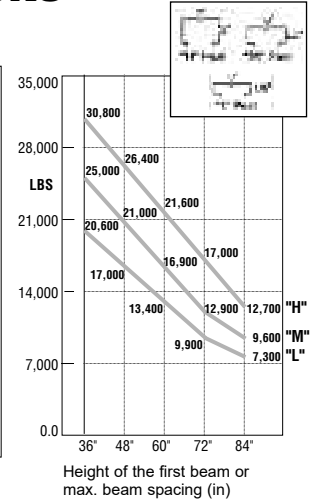
Same generous size and universal pattern as Model 59 but made of manganese bronze to be spark-resistant. The use of a spark-resistant wrench is an extra precaution when using drums of flammable material. The high ultimate strength and extra elasticity of manganese bronze give an extra measure of durability. Natural bronze finish.

**Model 59SRZ Moreplug® Spark Resistant Z-A Wrench**

Same generous size and universal pattern as Model 59 but made of zinc aluminum alloy to be spark resistant. This alloy was selected for its high strength, toughness and economy. Natural bright silver color.

**Pallet Rack Components (continued)**

Frame Ht (in)	Cat. No. 30" deep	Cat. No. 36" deep	Cat. No. 42" deep	Cat. No. 48" deep
<b>Light-Duty Upright Frames ("L" Post)</b>				
60	N/A	36L60	N/A	N/A
96	30L96	36L96	42L96	48L96
120	30L120	36L120	42L120	48L120
144	N/A	36L144	42L144	48L144
168	N/A	36L168	42L168	48L168
<b>Medium-Duty Upright Frames ("M" Post)</b>				
96	30M96	36M96	42M96	48M96
120	N/A	36M120	42M120	48M120
144	N/A	36M144	42M144	48M144
168	N/A	36M168	42M168	N/A
<b>Medium-Duty Upright Frames ("W" Post)</b>				
96	30H96	36H96	42H96	48H96
120	N/A	36H120	42H120	48H120
144	N/A	36H144	42H144	48H144
168	N/A	36H168	42H168	48H168
192	N/A	36H192	42H192	48H192

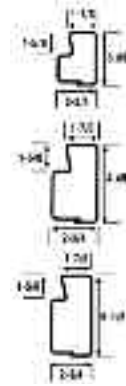


**Beam Ordering Information**

Available in three capacity ranges: light, medium and heavy-duty. Light-duty beams measure 2-3/4" d x 3.85" h. Medium and heavy-duty beams are 2-3/4" d x 4.45" h and 5-1/2" h respectively. All feature a 1-5/8" step and 7/8" ledge. Mig-welded beams feature lap design and one-piece beam connector plate with integral safety catch. Heavy-duty attaching studs engage upright wedge slots for increased holding power. Safety catch snaps and locks into place as beams are properly positioned. Only simple hand tools are required to assemble, disassemble, and relocate.

**How To Order Beams**

- Determine load weights per pair of beams (Two 2,500-lb. pallet loads = 5,000 lb. beam capacity).
- Determine length of beam required based on load width and minimum clearances (minimum clearance between pallets and pallet and upright is 4", or for two 48" pallets, a total of 12". Use 108" beam).
- Refer to desired beam length and move across chart to rated capacities. (For 108" beam and 5,000-lb. load, select medium-duty beam N108).
- Using type of beam (light, medium, or heavy) and length of beam required, determine stock product number from ordering information.



Cat. No.	Clear Span	Deflection	Cap. per Pair
<b>Light-Duty Beams</b>			
J90	90"	.36	5,650
J96	96"	.41	5,100
J108	108"	.52	4,250
J120	120"	.64	3,450
<b>Medium-Duty Beams</b>			
N96	96"	.36	6,400
N108	108"	.45	5,600
N120	120"	.56	4,750
<b>Heavy-Duty Beams</b>			
S96	96"	.39	9,350
S108	108"	.49	8,350
S120	120"	.60	7,550
S144	144"	.80	5,700

Beams 120" long and greater should be tied together with at least one front-to-back support except when solid decking panels are used.

**PALLET RACK COMPONENTS**

**UPRIGHT ORDERING INFORMATION**

Choose light, medium or heavy-duty stock uprights to suit your storage requirements. Light-duty upright posts are 3" w x 1-3/4" d, medium posts are 3" w x 2-1/4" d, heavy-duty upright posts are 3" square. Upright frames are 100% mig welded with precision engineered K brace and heavy-duty butted tube brace bars for increased durability.

Two frames are required per bay, and any number may be joined together in continuous row applications. Uprights conform to standards set by 1997 Rack Manufacturers' Institute LRFD Specifications and 1996 American Iron and Steel Institute LRFD Specifications for pallet load design.

**How To Order Upright Frames**

- Compute total frame capacity needed to satisfy your load requirements.
- Determine height required from floor to first beam or maximum beam spacing. If the figures are different, use the larger dimension.
- Refer to bottom of Upright Capacity Chart below. Reading left to right, locate dimension from floor to first beam or maximum beam spacing. From the beam spacing dimension, move vertically up the chart to weight capacity required for your maximum load. Moving to the right, locate the first upright capacity curve that intersects your required weight capacity. Follow curve down and across to determine correct upright post type.
- Refer to appropriate ordering information (light, medium or heavy-duty) for dimensional information and select from available sizes.

- continues -

**PALLET RACK ACCESSORIES**

**Front-to-back Support**

Reduces the likelihood of inaccurately placed pallets falling through. Actual depth is 4-3/16" less than shown.

Cat. No.	Depth	Cap. Ea.
FB30A	30"	2,980
FB36A	36"	2,390
FB42A	42"	1,880
FB48A	48"	1,630



**Plywood Support Channel**

Used to support plywood or other decking material, or as front-to-back member between beams. Actual depth is 4-3/16" less than shown.

Cat. No.	Depth	Cap. Ea.
PW30A	30"	1,550
PW36A	36"	1,300
PW42A	42"	1,080
PW48A	48"	930



- continues -

# Pallet Racks

**Pallet Rack Accessories (continued)**

### Skid Support

Provides secure, easily adjustable base for skid runners.

Cat. No.	Depth	Cap. Ea.
SS30A	30"	4,800
SS36A	36"	4,000
SS42A	42"	3,200
SS48A	48"	2,800



### Drum Cradle

For safe Storage of cylindrical items. Welded unit fits securely on beams.

Cat. No.	Depth	Cap. Ea.
DC30A	30"	1,000
DC36A	36"	1,000



### Fork Entry Bar

Solid base and proper fork clearance for nonpalletized loads,

Cat. No.	Depth	Cap. Ea.
<b>Standard-Duty</b>		
FEB-30A	30"	2,300
FEB-36A	36"	1,900
FEB-42A	42"	1,700
FEB-48A	48"	1,500



Cat. No.	Depth	Cap. Ea.
<b>Heavy-Duty</b>		
FEB1-30A	30"	5,000
FEB1-36A	36"	4,100
FEB1-42A	42"	3,500
FEB1-48A	48"	3,100

### Solid Decking Panels

Heavy 14-gauge panels have three welded pan reinforcements on underside and simply drop into place to provide solid deck surface.

Cat. No.	W x D	Cap. Ea.
DP4830A	48" x 30"	11,865
DP6030A	60" x 30"	11,865
DP4836A	48" x 36"	8,247
DP6036A	60" x 36"	8,247
DP4842A	48" x 42"	6,057
DP6042A	60" x 42"	6,057
DP4848A	48" x 48"	5,198
DP6048A	60" x 48"	5,198



### Galvanized Row-and-Wall Spacers

Now, one efficient design accounts for both back-to-back row spacing and rack-to-wall spacing for pallet rack installations. Galvanized construction resists rust and corrosion. Two spacers recommended for each pair of uprights. Bolts included.

Cat. No.	Size
SRW 4	4" length
SRW 6	6" length
SRW 8	8" length
SRW 10	10" length
SRW 12	12" length
SRW 18	18" length



### Impact Support

Provides extra protection against abuse. Bolt on to floor only. Finish is Safety Yellow.

Cat. No.	Height
IS12A	12"
IS24A	24"
IS36A	36"
IS48A	48"



### Reel Support Bracket

Converts standard rack to reel or coil rack. Sold in pairs. Axle not furnished. Accommodates axle pipe or rod up to 2-3/8" O.D.

Cat. No.	Cap. Pair
RSP2	3,500



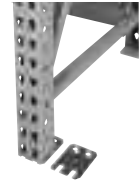
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**Pallet Rack Accessories (continued)**

### Shim Plate

Upset-punched to nest into footplate and not work out from under posts. Unpainted.

Cat. No.	Size
SM3	4-1/2" x 3-1/4" x 1/8"



### Upright Anchor

Optional wedge-type anchor can be used to secure column posts.

Cat. No.	Size
25163	1/2" dia. x 3-3/4" long

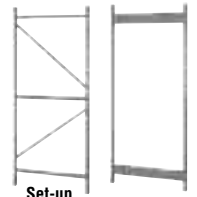


NOTE: Load-carrying capacities for individual accessories listed are based on evenly distributed loads and are limited by the support capacity of the beams and/or upright assemblies. When skid supports, fork-entry bars and/or front to-back supports are used to support the load, the weight is not evenly distributed to the beam and therefore, beam capacities are reduced significantly.

## Bulk Storage Rack Uprights & Beams

### Upright Assemblies

- Choose fully welded set-up or K.D. upright
- Welded upright has tubular bracing, mig-welded to post for durability and quick installation.
- Upright: 1-3/4" x 1-13/16", 14-gauge.
- Adjustment: 1-1/2" centers.

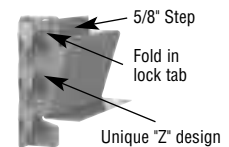
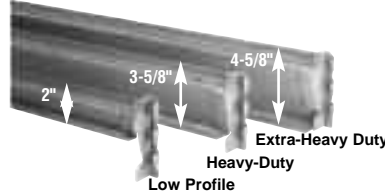


Depth (in)	60" High		72" High		84" High	
	Set-up	K.D.*	Set-up	K.D.*	Set-up	K.D.*
15	N/A	63152	N/A	63153	N/A	63154
18	N/A	63182	N/A	63183	N/A	63184
24	64242	63242	64243	63243	64244	63244
30	64302	63302	64303	63303	64304	63304
36	64362	63362	64363	63363	64364	63364
42	64422	63422	64423	63423	64424	63424
48	64482	63482	64483	63483	64484	63484

Depth (in)	96" High		120" High		144" High	
	Set-up	K.D.*	Set-up	K.D.*	Set-up	K.D.*
15	N/A	63155	N/A	63157	N/A	63159
18	N/A	63185	N/A	63187	N/A	63189
24	64245	63245	64247	63247	64249	63249
30	64305	63305	64307	63307	64309	63309
36	64365	63365	64367	63367	64369	63369
42	64425	63425	64427	63427	64429	63429
48	64485	63485	64487	63487	64489	63489

Ht. (in)	Cat. No.
<b>K.D. Upright Posts</b>	
60	63602
72	63603
84	63604
96	63605
120	63607
144	63609
<b>K.D. Ladder Braces</b>	
15	63515
18	63518
24	63524
30	63530
36	63536
42	63542
48	63548

\*NOTE K.D. Upright includes two posts and two or more bolt on ladder braces.



### Heavy & Extra Heavy-Duty "Z" Beams

Unique "Z" beam design increases strength and load capacity, resists tipping and eliminates wasted space, front to-back. Beam clips are mig-welded for added strength. Fold in lock tab easily engages for security against displacement.

### Low-Profile Beams

Low-profile beams offer light weight, high-density alternative for commercial applications. Narrow height design increases vertical storage capacity.

Nominal Width	Actual Width	"D"	"E"	Heavy-Duty Beam		Extra-Heavy Duty Beam		Low Profile Beam	
				Cat. No.	Cap.	Cat. No.	Cap.	Cat. No.	Cap.
48"	48-1/2"	50-15/32	48-25/32	62148	3,300	N/A	N/A	62048	665
60"	60-1/2"	62-15/32	60-23/32	62160	2,600	N/A	N/A	62060	530
72"	72-1/2"	74-15/32	72-23/32	62172	1,900	62272	3,300	62072	440
84"	84-1/2"	86-15/32	84-23/32	62184	1,775	N/A	N/A	62084	380
96"	96-1/2"	98-15/32	96-23/32	62196	1,650	62296	3,300	62096	330

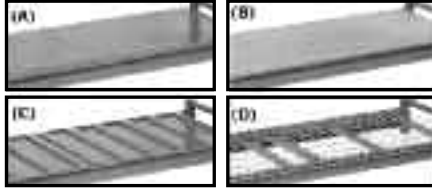
Capacities shown are maximum safe evenly distributed static loads per pair of beams with front-to-back support. Upright capacities are based on beam centers no greater than 36".

**Material Handling**

**Pallet Rack/Storage Units**

**Bulk Storage Rack Decking & Accessories**

- A) Solid Decking** - Features Lyon Heavy Duty Industrial Shelves for a smooth uninterrupted decking surface.
- B) Particle Board Decking** - Durable, 5/8" thick particle board decking.
- C) Ribbed Decking** - Versatile 20-gauge ribbed decking. Ribs allow for space to grab packages easily and prevent pinched fingers.
- D) Wire Decking** - This heavy-duty waterfall decking features 4" x 2" wire mesh with heavy gauge channels for added strength. This deck is the best choice when air circulation & light penetration are required. Also allows water to flow in the event a sprinkler system is activated.

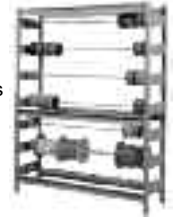


Width	Depth	(C) Ribbed Decking Panels		(D) Wire Decking Panels		Beam Width	Quantity of Ribbed Wire Panels Required
		Cat. No.	Cap.	Cat. No.	Cap.		
24"	24"	65224	1,400	65424	400	48"	2 - 24" wide
24"	30"	65230	1,200	65430	500	60"	1 - 24" wide + 1 - 36" wide
24"	36"	65236	1,000	65436	600	72"	2 - 36" Wide
24"	42"	65242	800	65442	700	84"	2 - 24" wide + 1 - 36" wide
24"	48"	65248	600	65448	800	96"	1 - 24" wide + 2 - 36" wide
36"	24"	65324	1,800	65624	600	Capacities are based on evenly distributed static load, with beams joined by correct number of front-to-back supports and no allowance for shock or uneven loading. Load is limited to support capacity of beams and upright assemblies.	
36"	30"	65330	1,600	65630	750		
36"	36"	65336	1,400	65636	900		
36"	42"	65342	1,100	65642	1,050		
36"	48"	65348	900	65648	1,200		

**Pre-Engineered Stand-Alone Reel Rack**

Adjust pipe cradle beams up or down on 1-1/2" centers to hold a variety of reel sizes. Rack features seven pairs of cradles to accept pipe supports up to 2-3/8" diameter (pipe not included). Reel Rack comes complete with both sets of uprights.

No. 65175 - 60" w x 18" d x 84" h



**Attached Lid Containers**

Industrial Grade Reusable Shipping, Distribution and Storage Containers. Use these modular containers in order picking, closed loop distribution, or storage applications. Attached lids never get lost.

- Lids snap securely closed to protect from dust or damage.
- 3 sizes to choose from.
- Stack to form stable storage arrangements.
- Nest inside each other to save space.
- Textured bottoms for use on conveyor belts.
- All A.L.C.'s have same footprint for easy pallet loading.

Model No.	Colors	Outside Dimensions			Capacity Cubic Ft.
		L	W	H	
39-085	Gray	21-1/2"	15"	9"	1.12
39-120	Gray	21-1/2"	15"	12-1/2"	1.62
39-170	Gray	21-1/2"	15"	17"	2.28
39-010	Label Holder	-	4-1/2"	3"	-



39-120

**SPECIALTY STORAGE**

**Pre-Engineered Bar, Pipe & Rod Rack**

Store long items with maximum efficiency. Great for steel, aluminum, wood, plastic tubes and other materials that are awkward to store on shelving conventional rack. All models feature heavy duty arms with 450 lb. capacity (6000 lbs. per upright maximum) that can be adjusted every 1-1/2", with spacing as close as 7-1/2".

**Steel Shelves**

Flanged back and notched corners. Makes Bar, Pipe and Rod Rack more versatile.

No. 3720 - 36" w x 12" d



**Extra Arms and Separator Pegs**

All arms are slotted for Separator Pegs. Pegs are great for segmenting arms.

No. 3725 - Extra arm, 12" long

No. 3730 - Separator Peg, 4" high



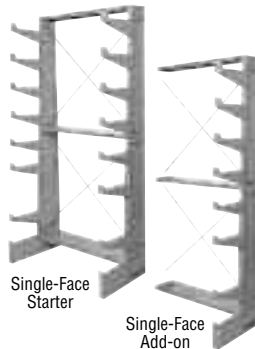
**Single-Face Rack**

Designed for use against walls with arms and base on one side of uprights. Brace panels and cross braces included. Overall size is 36" w x 21-7/8" d x 79-1/4" h.

No. 3700S - Starter

No. 3700 - Add-On

No. 3701 - K. D. Rack End for No. 3700 Converts Add-on into Starter.



Single-Face Starter

Single-Face Add-on

**Double-Face Rack**

Designed for free-standing use with arms and base on both sides of uprights. Brace panels and cross braces included. Overall size is 36" w x 33-3/4" d x 79-1/4" h.

No. 3710S - Starter

No. 3710 - Add-On

No. 3711 - K. D. Rack End for No. 3710 Converts Add-on into Starter.

**Thrifti-Bin Corrugated Shelf Boxes**

Makes a great economical alternative for storing small parts. Made of durable 200-lb. test fiberboard. Trimmed of waste and shipped flat. White only. Easy to assemble. Includes inventory control chart and large, convenient area for labeling.

Cat. No.	W x D x H	Cat. No.	W x D x H
<b>For 12" Deep Shelving</b>			
8352	2" x 11-3/4" x 4-1/2"	8374	4" x 17-3/4" x 4-1/2"
8353	3" x 11-3/4" x 4-1/2"	8376	6" x 17-3/4" x 4-1/2"
8354	4" x 11-3/4" x 4-1/2"	8378	8" x 17-3/4" x 4-1/2"
<b>For 18" Deep Shelving</b>			
8356	6" x 11-3/4" x 4-1/2"	8380	10" x 17-3/4" x 4-1/2"
8358	8" x 11-3/4" x 4-1/2"	8382	12" x 17-3/4" x 4-1/2"
8360	10" x 11-3/4" x 4-1/2"		
8362	12" x 11-3/4" x 4-1/2"		



**Revolving Bins**

Revolving Bins provide high visibility and quick access to bulk stock. Great for nuts, bolts, screws and any other type of small parts. Freestanding design for flexible positioning. Each shelf has a 500 lb. capacity. Shelves revolve in both directions easily on Nylatron® bearings. Each shelf is stabilized to prevent sagging when unevenly loaded and includes 5 permanent dividers. Broad base resists tipping.

**7 Shelf Revolving Bin**

Top six shelves can be lowered an additional shelf.

Overall: 34" d x 65-11/16" h. No. 3950

**4-Shelf Revolving Bin**

Overall: 34" d x 37-11/16" h. No. 3953

**Extra Dividers**

Attaches quickly and easily. No. 3965

**Extra Shelf**

No. 3959 - For 3950 only

Available in: Dove Gray (Add prefix DD to cat no.), Putty (PP), Blue (BB), Ash (AA)



# Storage Units

## Shelf Bins - Akro-Mils

- 1) Built-in hanglock lets bin tilt out for complete access.
  - 2) Front handle area contains a molded-in label holder.
  - 3) Wide hopper front allows easy access.
  - 4) Edges are reinforced for additional strength.
  - 5) Bin cups sold separately.
  - 6) Dividers sold separately.
- Made from durable polypropylene.
  - Use on 12" 18" and 24" deep shelving, or vertical storage and retrieval units.
  - 13 sizes to choose from.
  - Outlast corrugated bins and pay for themselves in reduced replacement costs.
  - One-piece molded construction.
  - Seamless, waterproof, and unaffected by grease or oil.
  - Shelf Bins "nest" when empty to save space.
  - 3 Colors: Red, yellow and blue.



A complete line of accessories available, call for details on these and other Akro-Mils Storage Systems.

Model No.	Outside Dim.			Outside Dim			Dividers per Bin	Max. no of bin cups per bin	
	W	H	L	W	H	L		Small 30-101 (3-1/4x2x3)	Large 30-102 (5x2-3/4x3)
30-110	2-3/4	4	11-5/8	1-5/8	4	10-1/4	none	3	-
30-120	4-1/8	4	11-5/8	3	4	10-1/4	40-120	5	2
30-124	4-1/8	4	23-5/8	3	4	22-1/8	40-120	11	4
30-128	4-1/8	4	17-7/8	3	4	16-1/2	40-120	8	3
30-130	6-5/8	4	11-5/8	5-1/2	4	10-1/4	40-130	9	4
30-138	6-5/8	4	17-7/8	5-1/2	4	16-1/2	40-130	15	6
30-150	8-3/8	4	11-5/8	7-1/8	4	10-1/4	40-150	11	4
30-158	8-3/8	4	17-7/8	7-1/8	4	16-1/2	40-150	18	6
30-164	6-5/8	4	23-5/8	5-1/2	4	22-1/8	40-130	21	8
30-170	11-1/8	4	11-5/8	10	4	10-1/4	40-170	15	6
30-174	11-1/8	4	23-5/8	10	4	22-1/8	40-170	35	16
30-178	11-1/8	4	17-7/8	10	4	16-1/2	40-170	25	12
30-184	8-3/8	4	23-5/8	7-1/8	4	22-1/8	40-150	25	8

## Hanging Systems - Akro-Mils

Four components, for small-to-medium sized parts storage and retrieval

- Three component styles meet a wide range of application needs.
- Wall-mounted
- Free-standing
- Mobile Racks
- 30-012, 30-016 and 30-626 can be mobilized with the addition of the Mobile Kit (30-A24.)
- Use any component with your choice of AkroBins.
- Bins remove easily for use and refilling.
- Components formed from 16 gauge cold rolled steel.
- Gray baked enamel finish for heavy duty service.



**98-600 Bench Rack**  
27-3/4" L x 8" W x 21" H  
Bench-top model accepts 4 sizes of AkroBins. Bins not included.



**\*30-008 1-Sided Rack, 16 Rail - 36" L x 14-1/8" W x 53" H.** Accepts 2 sizes of AkroBins (up to 48 bins). 250 lb. capacity. Bins not included



**30-812 Bin Cart - 38-1/2" L x 24" W x 36-1/2" H.** Mobile kit included. Mobile unit accepts 7 sizes of AkroBins. Bins not included.

### 1. Standardized Panels

- Louvered Panels (30-618, 30-636) mg be wall-mounted, attached to shelving, mounted on benches, on carts, inside cabinets, fastened to slotted angle components, or used in service truck interiors.
- Panels must be securely fastened to assure adequate load bearing strength.

### 2. Racks

- The free-standing Louvered Rack (30-653) and the new Snap Fastener Louvered Rack (30-626) form high density storage centers.
- The Bench Rack (98-600) and the new larger Bench Rack (98-636) are ideal for work stations.
- Single-Sided Bin Racks (30-006, 30-008) are designed to be used along walls.
- Double-Sided Racks (30-012, 30-016) form islands.

### 3. Carts

- The mobile Bin Cart (30-812) incorporates a 16 gauge steel work surface top, forming a movable work area or repair station.

### 4. Rails

- Bins are easily removed and rehung on rails, providing easy access.

## Hanging Systems (continued)

### Louvered Equipment †

Model No.	Description	Dim. (in)			Quantity of Bins to fit Louvered Equipment Akro-Bin Model No.							
		L	W	H	30-210	30-220	30-230	30-235	30-239	30-240	30-250	
30-618	Louvered Panel	18	-	19	16	16	9	-	-	-	-	-
30-636	Louvered Panel	35-3/4	-	19	32	32	18	9	8	8	4	4
30-636	2 Louvered Panels	35-3/4	-	37	72	72	36	18	16	16	8	8
30-636	3 Louvered Panels	35-3/4	-	55	104	104	54	27	28	28	14	14
30-636	4 Louvered Panels	35-3/4	-	73	144	144	72	36	36	36	18	18
30-653	Louvered Rack	35-3/4	32	75-1/8	288	288	144	72	72	72	36	36
98-600	Bench Rack	27-3/4	8	21	24	24	12	6	-	-	-	-
98-636	36" Bench Rack	36	8	21	40	40	18	9	-	-	-	-
30-148	Steel Rail	48	-	3	11	11	6	3	-	-	-	-

### Rack Assemblies †

Model No.	Description	Dim.			Quantity of bins to fit Racks & Carts Akro-Bin Model Number						
		L	W	H	30-210	30-220	30-230	30-235	30-239	30-240	30-250
30-006	Rack, 1 Sided, 12 Rail	36	14-1/8	53	96	96	-	-	24	24	12
30-008	Rack, 1 Sided, 16 Rail	36	14-1/8	53	-	-	48	24	-	-	-
30-012	Rack, 2 Sided, 12 Rail	36	20	53	192	192	-	-	48	48	24
30-016	Rack, 2 Sided, 16 Rail	36	20	53	-	-	96	48	-	-	-
30-424	Mobile Kit*	-	-	-	-	-	-	-	-	-	-
30-812	Bin Cart	38-1/2	24	36-1/2	96	96	48	24	24	24	12
30-626	Snap Fastener Louvered Rack	36	20	60	192	192	108	54	48	48	24

\*Akro-Mils recommends securing all our Stationary Racks to the wall or floor.

† Bin hanging systems are not designed to accommodate Akro-Bin #30-265 and 30-270.

## Quantum Ultra Series The Stack & Hang Tote

Ingenuity in design and engineering has produced an ultra strong and versatile container that will stack on one another, hang on our louvered panels, rails, racks, and carts forming efficient storing and moving systems or can be used on Quantum Shelf Units or standard shelving.



QUS 260 shown

### Performance Features:

- Bins are made from heavy duty, virgin, high density polypropylene/polyethylene
- Large multiple label slots provide easy label insertion and part identification
- Extra wide stacking ledge assures stability for high stacking
- Reinforced design adds strength and prevents spreading
- Will not rust or corrode, are unaffected by weak acids and alkalis, and are waterproof
- Autoclavable up to 250° F
- Interchangeable with other manufactured brands of bins
- Available in 14 sizes
- Standard colors: Blue, Yellow, Red, Ivory and Green (additional colors available on request, subject to upcharge and minimum runs)

**Windows** - Optional windows are available to maximize storage capacity, prevent spillage, and protect parts from dust and dirt. Window converts bin into a true carrying tote while allowing for inspection of parts.

**Dividers** - Optional dividers keep contents organized providing maximum storage capacity.



Model No.	Outside Dim. (in)			Inside Dim. (in)			Ctn. Qty.	Ctn. Wt. (lbs)	Bin Load Cap* (lbs)	Clear Window	Divider Model No.
	L	W	H	L	W	H					
QUS 205	4-1/2	4-1/8	3	3-3/16	3-1/2	2-7/8	48	9	8	-	DUS 205
QUS 210	5-1/2	4-1/8	3	4-1/2	3-1/2	2-7/8	48	11	10	-	DUS 210
QUS 220	7-1/2	4-1/8	3	6-1/2	3-1/2	2-7/8	48	13	10	-	DUS 220
QUS 230	11	5-1/2	5	8-11/16	4-13/16	4-13/16	12	11	30	WUS 230	DUS 230 or CDUS 230 †
QUS 233	13-1/2	5-1/2	5	11-1/4	4-13/16	4-13/16	12	13	30	WUS 233	DUS 233 or CDUS 233 †
QUS 235	11	11	5	9	10-3/8	4-13/16	8	14	50	WUS 235	DUS 235
QUS 239	11	8-1/4	7	9	7-1/2	6-3/4	8	12	50	WUS 239	DUS 239
QUS 240	14-3/4	8-1/4	7	12-7/8	7-1/2	6-3/4	8	16	60	WUS 240	DUS 240
QUS 250	14-3/4	16-1/2	7	12-7/8	15-3/4	6-3/4	6	21	75	WUS 250	DUS 250
QUS 255	16	11	8	13-5/8	10-1/4	7-3/4	4	14	75	WUS 255	DUS 255
QUS 260	18	11	10	15-5/8	10-1/4	9-3/4	4	15	75	WUS 260	DUS 260
QUS 270	18	16-1/2	11	15-5/8	15-3/4	10-3/4	4	23	-	WUS 270	DUS 270
QUS 245	11	16-1/2	5	9	15-3/4	4-13/16	6	18	60	WUS 245	DUS 245
QUS 265	18	8-1/4	9	17-1/8	6-3/4	8-1/4	6	17	60	WUS 265	DUS 265
QMS 531	19-3/4	12-3/8	5-7/8	18-1/2	11	5-5/8	6	17	75	WMS 531	DMS 531

\* When attached to panels or rails. † Indicates cross divider.

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## Material Handling

### Ultra Hanging Systems Louvered Panels

Quantum Ultra bins will hang on louvered panels or rail hanging systems in a wide range of configurations designed to meet all application needs.

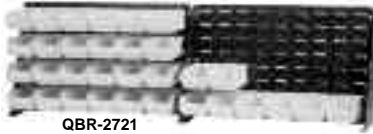
**HANGING SYSTEMS ARE EITHER:**

- Wall Mounted
- Table Top
- Free Standing
- Mobile Units

Use the system best suited to your needs with your choice of Ultra Bins. Systems are formed from heavy duty 16 gauge cold rolled steel and have a Grey baked-enamel finish which ensures years of heavy duty use.

**Louvered Panel Systems**

Louvered panels may be mounted on any suitable surface including walls, benches, inside service trucks and cabinets or on carts. Fasten securely to assure adequate load bearing. Louvered Systems are available as Bench Units (in 2 sizes), Free Standing Single and Double Sided Units and Mobile Units.



QBR-2721



QSS-3666



QMD-36

**Single Sided Louvered Rack - QSS-3666:**

36" L x 15" W x 66" H. Free standing floor unit accepts all sizes of Ultra bins (up to 112 bins, 300 lb. capacity). Bins sold separately. Also available in heavy duty model: QSS-3666HD, 750 lb. capacity.

**Bench Rack - QBR-2721:**

27" L x 8" W x 21" H. (1 rack). Bench rack unit accepts 7 sizes of Ultra Bins. Bins sold separately. Bench rack units can be joined (as pictured) to form continuous louvered panel systems.

**Mobile Double Sided Louvered Rack - QMD-36:**

36" L x 25" W x 64" H. Mobile unit accepts all sizes of Ultra bins (up to 104 bins, 500 lb. capacity). Bins sold separately. QMD-36HD: Casters can be upgraded to 5" heavy duty casters for 1000 lb. capacity.

Model No.	Description	Dim. (in) L W H	Qty. of Bins to Fit Louvered Panels						
			QUS 205	QUS 210	QUS 220	QUS 230	QUS 233	QUS 235	QUS 239
QLP-1819	18" x 19" Louvered Panel	18 - 19	16	16	16	9	9	3	4
QLP-3619	36" x 19" Louvered Panel	36 - 19	32	32	32	18	18	9	8
QLP-3619	2 Louvered Panels	36 - 38	64	64	64	36	36	18	16
QLP-3619	3 Louvered Panels	36 - 57	104	104	104	54	54	27	24
QLP-3619	4 Louvered Panels	36 - 76	144	144	144	72	72	36	36
QLP-3661	36" x 61" Louvered Panel	36 - 61	112	112	112	60	60	30	28
QBR-2721	27" x 21" Bench Rack	27 8 21	24	24	24	12	12	6	-
QBR-3619	36" x 19" Bench Rack	36 8 19	32	32	32	18	18	9	8
QSS-3666	Single Sided Unit	36 15 66	112	112	112	60	60	30	28
QSS-3666HD	Heavy Duty Single Sided	36 18 66	112	112	112	60	60	30	28
QDS-3666	Double Sided Unit	36 24 66	224	224	224	120	120	60	56
QDS-3666HD	Heavy Duty Double Sided	36 33 66	224	224	224	120	120	60	56
QMD-36	Mobile Double Sided Louvered Unit	36 25 64	208	208	208	108	108	54	48
QMD-36HD	Mobile Double Sided Heavy Duty Unit	36 25 67	208	208	208	108	108	54	48

- continued -

Model No.	Description	Dim. (in) L W H	Qty. of Bins to Fit Louvered Panels						
			QUS 240	QUS 245	QUS 250	QUS 255	QUS 260	QUS 265	QUS 270
QLP-1819	18" x 19" Louvered Panel	18 - 19	4	3	2	1	1	4	1
QLP-3619	36" x 19" Louvered Panel	36 - 19	8	6	4	6	3	8	2
QLP-3619	2 Louvered Panels	36 - 38	16	12	8	12	9	12	6
QLP-3619	3 Louvered Panels	36 - 57	24	18	12	15	15	20	8
QLP-3619	4 Louvered Panels	36 - 76	36	24	14	21	18	24	10
QLP-3661	36" x 61" Louvered Panel	36 - 61	28	20	14	21	15	24	10
QBR-2721	27" x 21" Bench Rack	27 8 21	-	4	-	-	-	-	-
QBR-3619	36" x 19" Bench Rack	36 8 19	8	6	4	-	-	-	-
QSS-3666	Single Sided Unit	36 15 66	28	20	14	21	15	24	10
QSS-3666HD	Heavy Duty Single Sided	36 18 66	28	20	14	21	15	24	10
QDS-3666	Double Sided Unit	36 24 66	56	40	28	42	30	48	20
QDS-3666HD	Heavy Duty Double Sided	36 33 66	56	40	28	42	30	48	20
QMD-36	Mobile Double Sided Louvered Unit	36 25 64	48	36	24	36	24	40	16
QMD-36HD	Mobile Double Sided Heavy Duty Unit	36 25 67	48	36	24	36	24	40	16

## Storage Units

### Quantum Shelf Bin Series

Quantum Shelf Bins are the most economical way to store parts and components. They are designed for 12", 18" and 24" deep Quantum Shelf Units, racks or standard shelves. Replace wornout corrugated bins permanently with these tough, durable, high density plastic bins. They are waterproof, impervious to most chemicals and unaffected by grease or oil.



Model No.	Outside Dim. (in)			Inside Dim. (in)			Ctn. Qty.	Ctn. Wt. (lbs)	Divider Model No.	No. of Bin Cups Per Bin	
	L	W	H	L	W	H				QBC 111	QBC 112
QSB 100	11-7/8	2-3/4	4	10-3/4	2-1/8	3-7/8	36	15	-	3	0
QSB 101	11-7/8	4-1/8	4	10-3/4	3-1/4	3-7/8	36	15	DSB 101	6	2
QSB 102	11-7/8	6-5/8	4	10-3/4	5-1/2	3-7/8	30	16	DSB 102	9	4
QSB 107	11-7/8	8-1/8	4	10-3/4	7-1/2	3-7/8	20	14	DSB 107	12	4
QSB 109	11-7/8	11-1/8	4	10-3/4	10-3/8	3-7/8	8	8	DSB 109	18	6
QSB 103	17-7/8	4-1/8	4	16-3/8	3-1/4	3-7/8	20	15	DSB 103	9	3
QSB 104	17-7/8	6-5/8	4	16-3/8	5-1/2	3-7/8	20	18	DSB 104	15	6
QSB 108	17-7/8	8-1/8	4	16-3/8	7-1/2	3-7/8	10	12	DSB 108	19	6
QSB 110	17-7/8	11-1/8	4	16-3/8	10-3/8	3-7/8	8	11	DSB 110	29	9
QSB 105	23-7/8	4-1/8	4	22-1/4	3-1/4	3-7/8	16	15	DSB 105	13	4
QSB 106	23-7/8	6-5/8	4	22-1/4	5-1/2	3-7/8	8	12	DSB 106	21	8
QSB 114	23-7/8	8-1/8	4	22-1/4	7-1/2	3-7/8	6	9	DSB 114	24	8
QSB 116	23-7/8	11-1/8	4	22-1/4	10-3/8	3-7/8	6	9	DSB 116	35	16

**Bin Cups**

Bin Cups have a raised, slotted label holder for easy identification. Available in 2 sizes and 4 colors and allow the removal of the entire cup for easy part retrieval.



Model No.	Outside Dim. (in)			Inside Dim. (in)			Ctn. Qty.	Ctn. Wt. (lbs)
	L	W	H	L	W	H		
QBC 111	3-1/4	1-3/4	3	3-1/8	1-5/8	2-7/8	48	4
QBC 112	5-1/4	2-3/4	3	5-1/8	2-1/2	2-7/8	48	7

### Giant Stack Container

**QGH-700 and WGH 700 (Window)**

Quantum's QGH 700 is designed for multiple applications in recycling, storing parts, tools and warehouse items. The bin will stack up to 6 bins high creating sturdy, tall storage systems.



Model No.	Outside Dim. (in)			Capacity Cubic Ft.	Ctn. Qty.	Stack Load Cap. Per Bin (lbs)
	L	W	H			
QGH-700	15-1/4	19-7/8	12-7/16	1.07	3	100

### Shelf Bin System

**Quantum Shelf Bin Systems Complete Packages**

These economical bin storage systems include Quantum's Durable Plastic Shelf Bins and our high grade, 22 gauge 36" wide standard shelving. Metal has a Grey, baked-enamel finish and will not rust or corrode. Bins are available in Blue, Yellow, Red, Ivory or Black. See chart for combinations.

**Shelf Bin Units Complete Packages**

(includes shelving and bins). Shelving is available in 39" or 75" heights and 12", 18" and 24" depths, with a 350 lb. capacity per shelf. See chart for combinations. Shelving is also available without bins. All shelves can be upgraded to 20 or 18 gauge at a surcharge for higher load capacity.



**1839-104: Shelf Bin Unit**  
(with 30 QSB 104 Bins)  
18" D x 36" W x 39" H.

- continues -

## Storage Units

### Shelf Bin System (continued)

Quantum Shelf Bin Units - Complete Packages (including shelving and bins)							
Model No.	Unit Size (in) D x W x H	No. of Bins	Bin Size (in)			No. of Shelves	
			L	W	H		
1275-100	12 x 36 x 75	144 QSB 100	11-7/8	2-3/4	4	13	
1275-101	12 x 36 x 75	96 QSB 101	11-7/8	4-1/8	4	13	
1275-102	12 x 36 x 75	60 QSB 102	11-7/8	6-5/8	4	13	
1275-107	12 x 36 x 75	48 QSB 107	11-7/8	8-1/8	4	13	
1275-109	12 x 36 x 75	36 QSB 109	11-7/8	11-1/8	4	13	
1275-000	12 x 36 x 75	Shelf Bin Unit Only - No Bins					13
1239-100	12 x 36 x 39	72 QSB 100	11-7/8	2-3/4	4	7	
1239-101	12 x 36 x 39	48 QSB 101	11-7/8	4-1/8	4	7	
1239-102	12 x 36 x 39	30 QSB 102	11-7/8	6-5/8	4	7	
1239-107	12 x 36 x 39	24 QSB 107	11-7/8	8-1/8	4	7	
1239-109	12 x 36 x 39	18 QSB 109	11-7/8	11-1/8	4	7	
1239-000	12 x 36 x 39	Shelf Bin Unit Only - No Bins					7
1875-103	18 x 36 x 75	96 QSB 103	17-7/8	4-1/8	4	13	
1875-104	18 x 36 x 75	60 QSB 104	17-7/8	6-5/8	4	13	
1875-108	18 x 36 x 75	48 QSB 108	17-7/8	8-1/8	4	13	
1875-110	18 x 36 x 75	36 QSB 110	17-7/8	11-1/8	4	13	
1875-000	18 x 36 x 75	Shelf Bin Unit Only - No Bins					13
1839-103	18 x 36 x 39	48 QSB 103	17-7/8	4-1/8	4	7	
1839-104	18 x 36 x 39	30 QSB 104	17-7/8	6-5/8	4	7	
1839-108	18 x 36 x 39	24 QSB 108	17-7/8	8-1/8	4	7	
1839-110	18 x 36 x 39	18 QSB 110	17-7/8	11-1/8	4	7	
1839-000	18 x 36 x 39	Shelf Bin Unit Only - No Bins					7

Twelve QSB 100, eight QSB 101, five QSB 102, four QSB 107, three QSB 109 fit across a standard 36" wide x 12" deep shelf. Eight QSB 103, five QSB 104 four QSB 108, three QSB 110 fit across a standard 36" wide x 18" deep shelf.

### Modular Clear Drawer & Bin Systems

Quantum's new modular clear drawer systems are designed as a storage center and afford users multiple applications in storing and transporting small to medium sized parts.

#### Modular Clear Drawers

Performance Features:

- Available in two sizes
- Injection molded from virgin, break resistant copolymer polypropylene
- Bin systems can be wall mounted or stacked on top of one another
- Internal dividers may be removed to adjust size of drawer compartments to suit your needs
- See through drawers make it easy to view bin contents
- Carry handle provide easy portable use
- Available in blue only



MD 817

#### Modular Clear Bin Systems

Performance Features:

- Available in two sizes
- Injection molded from virgin, break resistant copolymer polypropylene
- Three permanent, molded in dividers per bin provide the user the ability to efficiently separate parts for storage
- See through bins make it easy to view bin contents
- Compartments tilt open to a 45° angle providing complete access to stored parts
- Carry handle provide easy portable use
- Available in blue only



MB 800

Model No.	Outside Dim. (in)			Bin Dim. (in)			Ctn. Qty.	Ctn. Wt (lbs)
	D	W	H	D	W	H		
<b>Modular Clear Drawers</b>								
MD 815	5-1/2	12-1/8	6-3/4	5-5/8	11-1/4	1-1/2	6	13
MD 817	5-1/2	12-1/8	11	5-5/8	11-1/4	3	6	18
<b>Modular Clear Bin Systems</b>								
MB 600	7-1/4	13-5/8	11-5/8	3-3/4	10-5/8	3-1/4	6	24
MB 800	7-1/4	13-5/8	15	3-5/8	10-1/2	3-1/4	6	30

\* Broken carton quantities available at an additional upcharge.

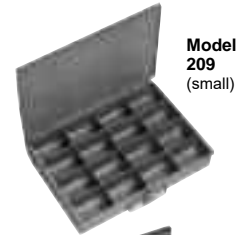
### Small & Large Scoop Compartment Boxes

Manufactured of prime cold rolled steel and finished in rust and acid resistant baked enamel. Durham Small & Large Scoop Compartment Boxes have high impact plastic inserts.

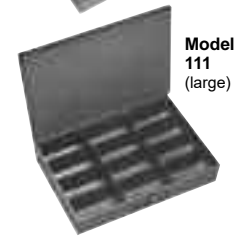
The inserts have rounded scoops, making it easy to remove parts. The use of pure resin insures that the inserts keep their original color even with heavy use. All models have covers designed to stay open making it easy to access parts and read cover labels. Each model also has a handle and comes with a positive, pull-down catch.

- Small Scoop Compartment Box: 13-3/8"W x 2"H x 9-1/4"D
  - Material: Prime cold rolled steel - welded construction w/ high impact styrene inserts.
- Large Scoop Compartment Box: 18"W x 3"H x 12"D
  - Material: Prime cold rolled steel - interlocked & welded construction.
  - Color: Gray baked enamel

Model No.	Specs.	No. of Compartments	Packing per Carton	Wt. per Carton (lbs)
<b>Small Scoop Compartment Boxes</b>				
202	DS24C	24	6	25
204	DS21C	21	6	25
206	DS20C	20	6	25
227	DS17C	17	6	25
209	DS16C	16	6	25
211	DS12C	12	6	25
213	DS8C	8	6	25
215	ADSC	Variable	6	25
<b>Large Scoop Compartment Boxes</b>				
107	DL32C	32	4	32
102	DL24C	24	4	32
109	DL21C	21	4	32
111	DL20C	20	4	32
113	DL16C	16	4	32
115	DL12C	12	4	32
117	DL6VC	6 vert.	4	32
125	DL6HC	6 horz.	4	32
119	ADLC	variable	4	32
099	ADLHC	variable	4	32
131	EXLC	variable	4	32



Model 209 (small)



Model 111 (large)

### Racks for Small & Large Scoop Compartment Boxes

Durham's Racks are designed to hold scoop compartment boxes. They are manufactured of prime cold rolled steel and are finished in rust and acid resistant baked enamel. All parts, including cradles which support scoop boxes, and coated slides and tracks, are tooled for quality and uniformity. A center panel on each cradle supports boxes and special stops prevent units from being accidentally pulled from the rack. Racks are reinforced for strength and support loaded boxes in the open position without tilting.

- Color: Gray baked enamel
- Material: Prime cold rolled steel - interlocked & welded construction.



Model 308 (for small compartment)



Model 310 (for large compartment)

Model No.	Specs.	Width (in)	Ht. (in)	Depth (in)	No. of Drawers	Packing per Carton	Wt. per Carton (lbs)
<b>Racks for Small Scoop Compartment Boxes</b>							
306	2SR	15-1/4	6-1/4	11-3/4	2	1	12
307	4SR	15-1/4	11-1/4	11-3/4	4	1	22
308	6SR	15-1/4	16-3/8	11-3/4	6	1	32
315	BSR	15-1/2	15-1/8	12-1/8	N/A	1	12
<b>Racks for Large Scoop Compartment Boxes</b>							
302	2LR	20	8-1/8	15-3/4	2	1	20
303	4LR	20	15	15-3/4	4	1	37
310	4LR-TT	20-1/4	15	12-1/2	4	1	30

**Note:** Plated locking hinges w/swivel padlock attachments are available for some models, contact your Sales Rep. for complete details.

**Material Handling**

**Storage Units**

**9" & 12" Deep Bins**

Designed as heavy duty units for storing a wide variety of small parts, Durham Bins are extremely sturdy and are welded on specially designed machines. They are produced of prime cold rolled steel and will not warp, twist or sag. Each shelf has a fully hemmed 1-1/8" turn on the front providing space to hold labels for content identification.

Dividers are hemmed in a tear drop design to avoid sharp edges, and vertical ribs provide added strength. Doors with padlock attachments and bases are available for most models.



**Model 356**  
(12" Deep Bins)

**Model 340**  
(9" Deep Bins)

Model No.	Specs.	Width (in)	Ht. (in)	Depth (in)	No. of Bins	Bin Width (in)	Bin Ht. (in)	Bin Depth (in)	No. of Cartons	Wt. per (lbs)
<b>9" Deep Bins</b>										
304	9" 28B	33-3/4	21	8-1/2	28	4-7/8	4-5/8	8-3/8	1	34
344	9" 32B	33-3/4	19-1/4	8-1/2	32	4	4-1/2	8-3/8	1	35
349	9" 40B	33-3/4	22-1/4	8-1/2	40	4	4	8-3/8	1	40
341	9" 56B	33-3/4	42	8-1/2	56	4-7/8	4-5/8	8-3/8	2	68
350	9" 72B-1	33-3/4	42	8-1/2	72	4	4-1/2	8-3/8	1	70
348	9" 72B-2	33-3/4	42	8-1/2	72	4	4-1/2	8-3/8	2	75
<b>9" Deep Bins</b>										
352	8B	33-3/4	5-1/4	12	8	4	5-1/4	11-7/8	1	15
353	16B	33-3/4	11-1/2	12	16	4	5-1/8	11-7/8	1	25
354	18B	33-3/4	19-1/4	12	18	5-3/8	6-3/8	11-7/8	1	38
355	21B	17-7/8	42	12	21	5-3/8	5-3/8	11-7/8	1	37
356	24B	33-3/4	23-7/8	12	24	5-3/8	5-1/2	11-7/8	1	44
357	32B	33-3/4	19-1/4	12	32	4	4-1/2	11-7/8	1	41
358	36B	17-7/8	42	12	36	4	4-1/2	11-7/8	1	50
359	40B	33-3/4	23-7/8	12	40	4	4-1/2	11-7/8	1	50
360	42B	33-3/4	42	12	42	5-3/8	5-1/2	11-7/8	1	71
361	56B	33-3/4	42	12	56	4-7/8	5-1/8	11-7/8	1	75
363	72B	33-3/4	42	12	72	4	4-1/2	11-7/8	1	80

**Note:** Bin Bases & Hinged door sets w/padlock attachments are available for many 9" & 12" Deep Bins, contact your Sales Rep. for complete details.

**Tilt-Bin Carts**

Adding to the high density features of Binwall™ tilt-bin storage systems, these 4-wheel trolleys and carousels provide the means for transporting large assortments of bulk parts to assembly, maintenance or production areas. Tilt bins are interchangeable between free-standing and wall-mounted storage units, snap in and out of carousels or storage units quickly and easily for loading or transport. Frame assemblies roll easily to and from work sites on four 2" polyurethane swivel casters.

Cat. No.	Includes
<b>Two-Bay Trolleys</b>	
3392BW	2 - 3331 BW bins 2 - 3327BW bins 1 - 3329BW bins 1 - bottom shelf
<b>Four-Bay Trolleys</b>	
3393BW	12 - 3327BW bins 1 - bottom shelf
<b>Tilt-Bin Cabinets</b>	
3391BW	20 - 3327BW bins
3389BW	4 - 3427BW Metal Bins
Overall Dimensions:	
Two-Bay,	19" w x 25" d x 35-1/2" h
Four Bay,	23" w x 23" d x 35-1/2" h.



**3390BW**



**3391BW**

**Combination/Bin Cabinets**

Include one full-width shelf, three half-shelves adjustable on 3" centers with 50 small (4-1/8" w x 5-3/8" d x 3" h) plastic parts bins on door and 14 large (8-1/4" w x 14-3/4" d x 7" h) plastic parts bins inside cabinet.

- No. 1122** - Cabinet, 36" w x 21" d x 78" h
- No. 1163** - Extra Shelf, 14" w x 21" d
- No. 78222** - Small Plastic Parts Bin, 4-1/8" w x 5-3/8" d x 3" h
- No. 78228** - Large Plastic Parts Bin, 8-1/4" w x 14-3/4" d x 7" h
- No. 1117** - Bolt-On Legs, 21" d



**Shelf/Bin Cabinets**

Include three full-width shelves adjustable on 3" centers with 16 large (8-1/4" w x 14-3/4" d x 7" h) plastic parts bins inside cabinet.

- No. 1123** - Cabinet, 36" w x 21" d x 78" h
- No. 1116** - Extra Shelf, 36" w x 21" d
- No. 78228** - Large Plastic Parts Bin, 8-1/4" w x 14-3/4" d x 7" h
- No. 1117** - Bolt-On Legs, 21" d



**Bin Storage Cabinets**

Include 100 small (4-1/8" w x 5-3/8" d x 3" h) plastic parts bins on doors and 36 large (8-1/4" w x 14-3/4" d x 7" h) plastic parts bins inside cabinet.

- No. 1124** - Cabinet, 36" w x 21" d x 78" h
- No. 78222** - Small Plastic Parts Bin, 4-1/8" w x 5-1/4" d x 3" h
- No. 78228** - Large Plastic Parts Bin, 8-1/4" w x 14-3/4" d x 7" h
- No. 1117** - Bolt-On Legs, 21" d



**Four-Shelf, 24 Bin Cabinet**

Features 4 full-width shelves adjustable on 3" centers with 12 removable tilt-bins in each door.

- No. 1125** - Cabinet, 38" w x 28" d x 76" h
- No. 1160** - Extra Shelf, 38" w x 21" d
- No. 3427BWYB** - Extra Tilt-Bin



**Two-Shelf, 40 Bin Cabinet**

Features 2 full-width shelves adjustable on 3" centers with 16 large removable plastic parts bins (8-1/4" w x 14-3/4" d x 7" h) in cabinet and 12 removable tilt-bins in each door.

- No. 1126** - Cabinet, 38" w x 28" d x 76" h
- No. 1160** - Extra Shelf, 38" w x 21" d
- No. 3427BWYB** - Extra Tilt-Bin

Hard composition swivel casters underneath swingout doors maintain positive alignment, provide smooth door opening and closing under heavy loads. Casters and legs provide clearance for forklift access.



**Big 48" Wide Storage Cabinet**

Extra wide and 24" deep, these cabinets also function as storage closets on the shop floor, offering load capacity of 1450 lbs. per shelf for heavy tools, parts and equipment. Wide double doors offer easy access for storage and retrieval of bulky items. Four full-width shelves are adjustable on 3" centers above fixed bottom shelf. Order optional bolt-on legs to provide forklift access.

- No. 1120** - Cabinet, 48" w x 24" d x 78" h
- No. 1161** - Extra Shelf, 48" w x 24" d
- No. 1118** - Bolt-On Legs, 24" d



**36" Wide Combination Cabinet**

Combines garment with package and supply item storage in one convenient unit. Includes fixed, full-width top shelf and four half-shelves adjustable on 3" centers. Adjacent wardrobe compartment includes coat rod to accommodate several full-length garments on hangers. Order optional bolt-on legs to provide forklift access.

- No. 1121** - Cabinet, 36" w x 24" d x 78" h
- No. 1162** - Extra Shelf, 20" w x 24" d
- No. 1118** - Bolt-On Legs, 24" d





## Storage Units

### All-Welded Visible Storage Cabinets

#### Now, Pre-Engineered with Shelves and Bins!

Choose from five pre-engineered configurations featuring shelves, bins and shelf-bin combinations. Provide secure, visible storage for quick visual inspection without needless opening. Full length doors feature a three-point latch design and cam-bar system. Chrome plated handle will accept a padlock (not included) or accommodate Flat Key Lock listed separately below.

Shelves bolt into place and are adjustable on 2" centers with payload capacity of 300 lbs. each. Plastic Bins, impervious to most solvents and corrosives, clip on and off galvanized Pick Racks bolted to cabinet back. All cabinets are 36" wide. Shelves are included but not installed. All bins shown with pre-engineered units are 6"w x 9-1/2"d x 5"h with capacity of 285 cu. in. Cabinets are shipped set up.



Description	No. of Shelves	No. of Bins	Cat. No.
<b>Visible Storage Cabinets-w/shelves only</b>			
18" Deep Cabinet	4	0	1150
(A) 18" Deep Cabinet with 4" base	4	0	1150B
21" Deep Cabinet	4	0	1151
21" Deep Cabinet with 4" base	4	0	1151B
<b>Visible Storage Cabinets - w/shelves and bins</b>			
18" Deep Cabinet	2	15	1152
(B) 18" Deep Cabinet with 4" base	2	15	1152B
21" Deep Cabinet	2	15	1153
21" Deep Cabinet with 4" base	2	15	1153B
<b>Visible Storage cabinets-w/bins only</b>			
18" Deep Cabinet	0	45	1154
(C) 18" Deep Cabinet with 4" base	0	45	1154B

Overall Size	Cat. No.
<b>Extra Shelves for Visible Storage Cabinets</b>	
36" w x 18" d Shelf	1137
36" w x 21" d Shelf	1138

\*Visible Storage Cabinets are equipped to accept padlock

### STORAGE CABINETS

#### 36" Wide Storage Cabinets

Time tested design and construction features solidify Lyon 1000 Series units as the standard for industrial quality storage cabinets.

- Contemporary styling with flush fronts, backs, and sides
- Rounded front corners
- Three point door locking device
- Double doors swing full 180° to maximize access
- Pan type reinforcements maintain door alignment
- Durable heavy-gauge steel construction

#### A) 36" Wide Storage Cabinets

Double doors permit full access to all parts of cabinet. Four shelves adjustable every 2" (extra shelves are available). Up to 180 lb. per shelf capacity. Optional reinforcement boosts capacity to 230 lbs. 78" high overall.

#### B) 36" Wide Counter High Cabinets

Serves as a counter and cabinet combination. Back of cabinet is finished so it can be used in island. 42" high overall.

#### C) 36" Wide Wardrobe Cabinet

Full-width shelf at top for hats and packages. Coat rod below shelf can hold 8 to 15 bulky coats on hangers. Interior is completely finished - no sharp edges to damage clothing. Wardrobe shelf is adjustable on 2" centers. 78" high overall.

#### D) 36" Wide Combination Cabinet

Combines office supplies/package storage and wardrobe facilities in one cabinet. Cabinet divided for supplies and full-length clothing storage. Four half-shelves adjustable on 2" centers. Extra half shelves are also available. 78" high overall.

Description	Cat. No. 18" Deep	Cat. No. 21" Deep	Cat. No. 24" Deep
(A) Shipped Set Up	1080	1000	1090
Shipped K.D.	1081	1001	1091
(B) Shipped Set Up	1042	1040	1045
Shipped K.D.	1043	1041	1046
Extra Shelf (for A & B)	1055	1050	1060
Shelf Reinforcement	1071	1070	1072
(C) Shipped Set Up	1085	1005	1095
Shipped K.D.	1086	1006	1096
(D) Shipped Set Up	1088	1010	1098
Shipped K.D.	1089	1011	1099
Extra Shelf w/rod (for C)	1056	1051	1061
Extra Half Shelf (for D)	1057	1052	1062



### 48" Wide cabinets

These big, 48" wide, 24" deep cabinets really function as storage closets, offering more capacity and reinforced shelves that easily handle big loads and big packages. The wide double doors present easy access to store items. Ideally suited for areas where no storage room exists or space limitations require fewer cabinets to handle more items.



#### E) 48" WIDE STORAGE CABINET

A virtual storeroom of space - can hold 2000 pounds of parts, stationery, literature or supplies. Double pan door reinforcement for added strength and 3 piece welded shelf reinforcement that boosts load capacity to 400 lbs. per shelf. Four adjustable shelves, fixed bottom shelf 2000 lb. capacity.

No. 1031 - Cabinet, 48"w x 24"d x 78"h

No. 1058 - Extra Shelf



#### F) 48" WIDE COUNTER HIGH CABINETS

Only waist high yet presents 24 cubic feet of storage space; 34% more room than the largest 36" wide counter high cabinet can offer. All the features of 1000 Series Cabinets, plus sound deadening, double pan door reinforcement for added rigidity. Three piece welded-in shelf reinforcement ups shelf load capacity to 400 lbs.

No. 1035 - Cabinet

No. 1058 - Extra Shelf

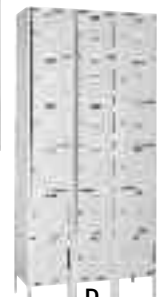
### Steel Lockers

A) Single Tier Lockers afford full-length clothing storage with shelf for hats, personal effects.

B) Double-Tier Lockers offer more capacity for short-term occupancy or where long coats are not worn.

C) Triple-tier Lockers have the same benefit as double tier, yet offer more openings.

D) Multiple-Tier Lockers provide high density storage for individual belongings, supplies.



Size	3-Wide Cat. No.	1-Wide Cat. No.
<b>(A) Single Tier Lockers (priced per opening)</b>		
12" w x 12" d x 60" h*	5002-3	5002
12" w x 15" d x 60" h*	5012-3	5012
12" w x 18" d x 60" h*	5022-3	5022
12" w x 12" d x 72" h*	5112-3	5112
12" w x 15" d x 72" h*	5032-3	5032
12" w x 18" d x 72" h*	5042-3	5042
15" w x 18" d x 72" h*	5062-3	5062
18" w x 18" d x 72" h*	5092-3	5092
18" w x 21" d x 72" h*	5102-3	5102
<b>(B) Double-Tier Lockers (priced per opening)</b>		
12" w x 12" d x 36" h*	5202-3	5202
12" w x 15" d x 36" h*	5212-3	5212
12" w x 18" d x 36" h*	5222-3	5222
12" w x 12" d x 30" h*	5242-3	5242
15" w x 15" d x 36" h*	5252-3	5252
<b>(C) Triple-Tier Lockers (priced per opening)</b>		
12" w x 15" d x 24" h*	5283-3	5283
<b>(D) Multiple-Tier Lockers (priced per opening)</b>		
<i>Six-Tier</i>		
12" w x 12" d x 12" h*	5332-3	5332
12" w x 15" d x 12" h*	5342-3	5342
12" w x 18" d x 12" h*	5362-3	5362
<i>Five-Tier</i>		
12" w x 12" d x 12" h*	5302-3	5302
12" w x 15" d x 12" h*	5312-3	5312
15" w x 15" d x 12" h*	5322-3	5322
<i>Four-Tier</i>		
12" w x 12" d x 12" h*	5352-3	5352

\*Heights shown do not include legs-add 6" to height for legs.  
NOTE: All-Welded Heavy-Duty & Speciality Lockers available, contact your Sales Rep.

**Material Handling**

**Storage Units**

**Storage & Display Bins**

**SHIPPED ASSEMBLED, READY-TO-USE!** All units are 36" w x 12" d x 78" h. Ideal for storage and display of parts, small bulk items, or packaged merchandise in repair shops, garages, parts and tool rooms, machine shops, etc. Dividers adjust horizontally every inch using Lyon "snap-ins" - no nuts, bolts or tools required! Shelves adjust up or down every 1-1/2" where dividers are not used. Labelholder flanges turn down to form clear openings, or where needed to form 7/8" high bin fronts.

**6-Bin Unit**

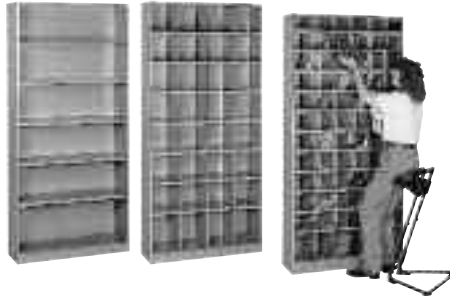
Highly adaptable to many display needs. Includes: 5 bins 36" w x 12" h, 1 bin 36" w x 15" h. **No. 3800**

**32-Bin Unit**

For larger items, organized bulk storage. Includes: 28 bins 9" w x 9" h, 4 bins 9" w x 12" h. **No. 3810**

**72-Bin Unit**

Versatile multi-bin storage. Label holders provide 7/8" h bin front at each shelf level. Includes: 66 bins 6" w x 6" h, 6 bins 6" w x 9" h. **No. 3815**



**Lyon 8000 Series Shelving**

Choose 36" and/or 48" units, all 84" in height. All feature rugged, hot-rolled steel "T" post upright and Box "W" or Traditional Flanged shelves. Integrate 36" w and 48" w as desired in comparable depths and styles. One-piece shelf clips speed assembly and shelf adjustments (on 1-1/2" centers). No tools needed.

Open shelving is ideal for packaged stock, offers high visibility for items without assigned shelf locations. Closed Shelving adds protection against dust, sunlight. Also used to separate storage and work areas. Counter Shelving also available.



36" WIDE OPEN & CLOSED FIVE-SHELF SHELVING SECTIONS - 84" HIGH						
22-Gauge Medium Duty, Box "W" Shelving (Shelf Capacity 600 lbs)*						
Type	12" Deep		18" Deep		24" Deep	
Open	8005SM	8005M	8006SM	8006M	8007SM	8007M
Closed	8037SM	8037M	8038SM	8038M	8039SM	8039M
20-Gauge Heavy Duty, Box "W" Shelving (Shelf Capacity 900 lbs)*						
Open	8005SH	8005H	8006SH	8006H	8007SH	8007H
Closed	8037SH	8037H	8038SH	8038H	8039SH	8039H
18-Gauge Extra Heavy Duty, Box "W" Shelving (Shelf Capacity 1300 lbs)*						
Open	8005SX	8005X	8006SX	8006X	8007SX	8007X
Closed	8037SX	8037X	8038SX	8038X	8039SX	8039X
18-Gauge Traditional Flanged Shelving (Shelf Capacity 750 lbs)*						
Open	8005S	8005	8006S	8006	8007S	8007
Closed	8037S	8037	8038S	8038	8039S	8039

EXTRA SHELVES FOR 36" WIDE SHELVING						
Type	Cap.	12" Deep	Cap.	18" Deep	Cap.	24" Deep
Medium Duty	600 lbs.	8560M	600 lbs.	8561M	600 lbs.	8562M
Heavy Duty	800 lbs.	8560H	900 lbs.	8561H	800 lbs.	8562H
Extra Heavy Duty	1150 lbs.	8560X	1300 lbs.	8561X	1150 lbs.	8562X
Traditional	700 lbs.	8560	750 lbs.	8561	800 lbs.	8562

- continues -

*Lyon 8000 Series Shelving continued*

48" WIDE OPEN & CLOSED FIVE-SHELF SHELVING SECTIONS - 84" HIGH						
20-Gauge Heavy Duty, Box "W" Shelving (Shelf Capacity 600 lbs)*						
Type	12" Deep		18" Deep		24" Deep	
	Starters	Add-Ons	Starters	Add-Ons	Starters	Add-Ons
Open	8340SH	8340H	8341SH	8341H	8342SH	8342H
Closed	8334SH	8334H	8335SH	8335H	8336SH	8336H
18-Gauge Extra Heavy Duty, Box "W" Shelving (Shelf Capacity 600 lbs)*						
Open	8340SX	8340X	8341SX	8341X	8342SX	8342X
Closed	8334SX	8334X	8335SX	8335X	8336SX	8336X
EXTRA SHELVES FOR 48" WIDE SHELVING (SHELF CAPACITY 700 LBS)*						
Type	Cap.	12" Deep	Cap.	18" Deep	Cap.	24" Deep
Heavy Duty	600 lbs.	8300H	600 lbs.	8301H	560 lbs.	8302H
Extra heavy Duty	600 lbs.	8300X	700 lbs.	8301X	750 lbs.	8302X

\*NOTE: Capacities are based on evenly distributed load on 18" deep shelf

**Die Storage Rack**

Constructed of 12 gauge shelves and 1-1/2" x 1-1/2" x 3/16" angle iron uprights. 5 shelves, 2" lips, 12" clearance between shelves. 60" OAH, 1000# capacity per shelf.

**Specify Shelf Size**

18 x 30 24 x 30  
18 x 36 24 x 36  
24 x 48

DR-5



**Stackable Drawer Case Units**

Ideal for high-density small parts storage. Set on counters, benches, tables - or set as free-standing units. All steel construction. Drawer pulls feature built-in label holders. All units are 10-5/8" h and 17" d. Drawers are 2" high and 1" shorter than case. Tangs on bottom of case can be bent into slots on top of a unit below to increase stability when stacked.

Cat No.	No. of Drawers	Deep	Dividers
2360	(12) 11" wide	17"	12
2373	(8) 11" wide	17"	40
	(8) 5-1/2" wide		16
2374	(4) 11" wide	17"	20
	(16) 5-1/2" wide		32
2362	(18) 5-1/2" wide	11"	36
2363	(18) 5-1/2" wide	17"	36
2365	(24) 5-1/2" wide	11"	48
2366	(24) 5-1/2" wide	17"	48



**Pre-Engineered Modular Drawer Cabinets**

The configurations below represent the most popular modular drawer storage requirements for commercial and industrial applications.

Each drawing represents a specific cabinet complete with drawers and drawer layout kits. The numbers on the left of each drawer designate the drawer Cat. No. The letters on the right reveal the layout kits included. Counter with that drawer. (Please Note: Not all models are shown here, please call for complete details on these & other cabinets.)

The catalog numbers shown for each pre-configured unit below (No. 530-1001-1 for example) includes the cabinet & all drawers shown. Layout kits for each drawer are also included, but not installed.

If you prefer to order the layout kit installed, simply replace the suffix -1 with the suffix -3 (No. 530-1001-3). To order cabinets and drawers without drawer layout kits, simply drop the suffix entirely. (No. 530-1001).

**Pre-Engineered Eye Level (59-1/4" High) Cabinets with Drawers & Layout Kits.** Layout kits are included but not installed.

**Color Information:** choose from the following Dove Gray Add Prefix D\* to Cat. No., putty Add Prefix P\* to Cat. No., Wedgwood Blue Add Prefix B\* to Cat. No., Mandarin Orange Add Prefix M\* to Cat. No. Ash Add Prefix A\* to Cat. No.



No. 530C



No. 530D



No. 530G

- continues -

## Storage Units/Seating/Work Stations

### Pre-Engineered Modular Drawer Cabinets (continued)

- 336 compartments in 15 drawers w/layout kits - **No. 530-1001-1**
- 300 compartments in 14 drawers w/layout kit - **No. 530-1002-1**
- 256 compartments in 13 drawers w/layout kits - **No. 530-1003-1**
- 244 compartments in 12 drawers w/layout kits - **No. 530-1004-1**
- 244 compartments in 12 drawers w/layout kits - **No. 530-1005-1**
- 204 compartments in 11 drawers w/layout kits - **No. 530-1008-1**
- 164 compartments in 10 drawers w/layout kits - **No. 530-1009-1**
- 144 compartments in 9 drawers w/layout kits - **No. 530-1011-1**
- 140 compartments in 9 drawers w/layout kits - **No. 530-1012-1**
- 104 compartments in 8 drawers w/layout kits - **No. 530-1014-1**
- 80 compartments in 7 drawers w/layout kits - **No. 530-1015-1**
- 64 compartments in 6 drawers w/layout kits - **No. 530-1016-1**
- 37 compartments in 4 drawers w/layout kits - **No. 530-1017-1**
- 192 compartments in 11 drawers w/layout kits - **No. 530-1019-1**
- 143 compartments in 8 drawers w/layout kits - **No. 530-1020-1**
- 180 compartments in 10 drawers w/layout kits - **No. 530C (shown)**
- 150 compartments in 8 drawers w/layout kits - **No. 530D (shown)**
- 77 compartments in 7 drawers w/layout kits - **No. 530G (shown)**

### Locker Room Benches

#### Attractive Hardwood & Plastic Laminate Locker Room Benches

Selected hardwoods and smooth, plastic laminates provide strength and beauty on lightweight, anodized aluminum or painted steel pedestals with rust-resistant durability. Eight different sizes, from three feet to ten feet in length deliver all the versatility, styling and performance required for varying floor plans and locker arrangements.

#### All Aluminum Locker Room Benches

Sleek, new contemporary design with lightweight, rust-resistant anodized aluminum bench and pedestal meets virtually any requirement for strength and durability. Easy to maintain 9-1/2" w x 2" h bench planks have softly rounded edges and center traces for comfortable, skid resistant seating. Order optional rubber feet and/or concrete wedge anchors from listings below.

#### Aluminum Leg Accessories

**Rubber Feet** - Add 1" to aluminum pedestal height. (Optional)

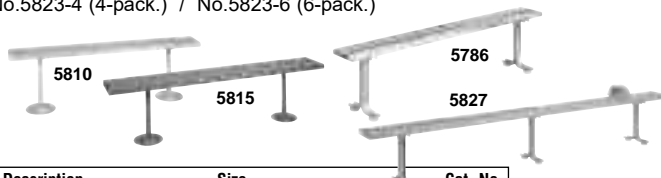
No.5822-4 (4-pack-) / No.5822-6 (6-pack.)

**Aluminum Pedestals** - Make benches 16" high.

No.5820-2 (2-pack.) / No.5820-3 (3-pack.)

**Concrete Wedge Anchors** - For aluminum pedestals are 3/8" w x 2-1/4" d.

No.5823-4 (4-pack.) / No.5823-6 (6-pack.)



Description	Size	Cat. No.
<b>Hardwood on Aluminum Pedestals</b>		
3-Ft. Bench w/2 pedestals	36" w x 9-1/2" d x 16-5/8" h	5783
4-Ft. Bench w/2 pedestals	48" w x 9-1/2" d x 16-5/8" h	5784
5-Ft. Bench w/2 pedestals	60" w x 9-1/2" d x 16-5/8" h	5785
6-Ft. Bench w/2 pedestals	72" w x 9-1/2" d x 16-5/8" h	5786
7-Ft. Bench w/2 pedestals	84" w x 9-1/2" d x 16-5/8" h	5787
8-Ft. Bench w/2 pedestals	96" w x 9-1/2" d x 16-5/8" h	5788
9-Ft. Bench w/3 pedestals	108" w x 9-1/2" d x 16-5/8" h	5789
10-Ft. Bench w/3 pedestals	120" w x 9-1/2" d x 16-5/8" h	5790
<b>Hardwood on Painted Steel Pedestals*</b>		
3-Ft. Bench w/2 pedestals	36" w x 9-1/2" d x 18" h	5793
4-Ft. Bench w/2 pedestals	48" w x 9-1/2" d x 18" h	5794
5-Ft. Bench w/2 pedestals	60" w x 9-1/2" d x 18" h	5795
6-Ft. Bench w/2 pedestals	72" w x 9-1/2" d x 18" h	5810
7-Ft. Bench w/2 pedestals	84" w x 9-1/2" d x 18" h	5797
8-Ft. Bench w/2 pedestals	96" w x 9-1/2" d x 18" h	5811
9-Ft. Bench w/3 pedestals	108" w x 9-1/2" d x 18" h	5812
10-Ft. Bench w/3 pedestals	120" w x 9-1/2" d x 18" h	5813
<b>Hardwood on Painted Steel Pedestals*</b>		
6-Ft. Bench w/2 pedestals	72" w x 12" d x 18" h	5815
10-Ft. Bench w/3 pedestals	120" w x 12" d x 18" h	5817
Steel Pedestals only (2-pack)		5818-2
Steel Pedestals only C3-pack		5818-3
<b>All Aluminum</b>		
6-Ft. Bench w/2 pedestals	72" w x 9 1/2" d x 17-1/8" h	5824
8-Ft. Bench w/2 pedestals	96" w x 9-1/2" d x 17-1/8" h	5825
9-Ft. Bench w/3 pedestals	108" w x 9-1/2" d x 17-1/8" h	5826
10-Ft. Bench w/3 pedestals	120" w x 9-1/2" d x 17-1/8" h	5827

### Ergonomic Industrial Seating

Maximize worker comfort and boost productivity. Exclusive knurled-lift system delivers widest seat height range in the industry - 17" to 35" with automatic 8" pneumatic lift adjustment while seated. Microcellular, self skinning polyurethane molded over seat and back offers exceptional appearance and durability. Upholstered fabric is abrasion-resistant, designed for rugged use. Five-leg 26" footprint with glides supports waterfall front seat and contoured back

**Basic Industrial Chair** - Padded polyurethane foam seat 15-3/4" w x 14-3/4" d and backrest 14-1/2" w x 8-3/4" h. Backrest depth adjusts 3". Single level footrest. **No. 2023/No. 2024** - (not shown)

Adds 3" back ht. adjust. Seat: 16-3/4" w x 15-1/2" d. Two-level footrest.

**Contoured Industrial Chair** - Large, contoured seat 17-1/2" w x 16-1/2" h of polyurethane foam with large padded backrest 15-1/2" w x 12-1/2" h. Backrest angle adjusts 20° and height 5" with convenient lock-down knobs. Three level footrest. **No. 2025**

**Allmatik-Control Industrial Chair With Extra Large Contoured Seat** - New 28% larger, 20" w x 18-1/2" d polyurethane foam seat and large padded backrest. 15-1/2" w x 12-1/2" h. Three level footrest. **No. 2026**

**Allmatik-Control Upholstered Industrial Chair** - Extremely durable, abrasion resistant fabric. Extra large 3" thick molded foam seat 18" w x 20" d and extra large backrest 16" w x 15" h. Three level footrest. **No.2026FG**

**NOTE: Utility Seating, Operational Seating & Contoured High Rise Chairs also available.**



### Ergonomic Sit Stand Stools

Allow workers to remain upright with upper body support. Reduce potential for musculoskeletal disorders, improve worker comfort and boost productivity. Seats swivel 16°, tilt 15°, adjust 23-1/2" to 33-1/2" high.

**2092S** - Stainless steel base for wash down facilities

**2092** - Matte black finish for industrial use

**2092ESD** - With integrated circuit to control static electricity (not shown)



### Industrial Footrest

An essential component for truly ergonomic work stations, Lyon footrests provide an elevated platform to alleviate pressure on thighs while accommodating tasks on a high work surface. Relaxes tired feet and helps prevent muscle strain that may contribute to lower back discomfort. Enabling workers to position their feet at a comfortable level also allows better circulation. Textured rubber matting is slip-resistant. Tubular steel design with matte-black finish.

#### Industrial Footrest

Large 18" w x 12" d platform is fixed at a comfortable 10° angle and adjusts vertically from 3" to 16". **No. 2097**

#### Adjusta-Tilt Industrial Footrest

Provides easy and precise height and tilt for maximum support and comfort. Large 18" w x 12" d platform offers infinite tilt adjustment from 10° to 35°, and height adjustment from 3" to 16". **No. 2098**



### Mobile Cabinet Bench

Heavy gauge steel top with low-profile drawers adds more utility for on-site tasks. Convenient work-bench height features dual swinging doors with 3-point latching device for added security. Two low-profile drawers, 19-3/4" d x 5" h include padlock hasps to secure tools and supplies. Tubular steel handle aids mobility on 3-1/2" Dyna-Tech casters (two fixed, two swivel with foot brake). Size overall: 36" w x 24" d x 42-9/16" h. **No. 3004**



## Material Handling

# Work Stations

### Pre-Engineered Modular Shop Desks

Heavy-duty steel construction makes these stand-up desks ideal for service in plants, warehouses and on shipping/receiving docks. Tough steel tops provide years of maintenance free use.

Hasps on drawers accept padlocks (not included) to secure contents. Optional keylocks for cabinets offer added security. Four-compartment riser keeps supplies and paper-work organized within easy reach. Shop desk size overall 33" w x 20" d x 53" h.

#### Four Drawer Desk

Includes two low-profile drawers, two double height drawers, base and end support assembly.  
**No. 2255** (Shown with optional telephone tray.)



## SHOP DESKS

### Mobile Shop Desk

Mobile Shop Desk, w/ writing surface, storage space & lockable compartment. Useful for workers required to carry papers, books or records from job to job. 3" dia. swivel casters. Front casters have foot-controlled locking lever.

**No. 2254** - 34-1/2" w x 30" d x 56" h  
**No. 2256** - Extra caster set(4)

Also Available: Stationary Shop Desks, Cabinet Desks & Wall Desks.



### Extra Heavy Duty Mobile Work Centers

Highly versatile design and heavy-gauge steel construction makes these units ideal for plant maintenance and industrial applications.

Big capacity includes five lockable drawers that deliver secure, high-density storage for tools and parts. The welded-in shelf-compartment behind a lockable door stores heavier equipment. Open shelves in back hold containers and supplies for easy access. Heavy-duty 10-gauge steel top includes back and end-stops welded in place. Top also accommodates vise installation when drilled and bolted (vise not included).

Big 8" diameter casters (2 fixed, 2 swivel-braking) have load rating of 3600 lbs. to put these work centers on the move with ease.

Dove Gray baked-on enamel finish is complemented with High Gloss Red, self-contained drawer unit inside.  
**No. DD900**



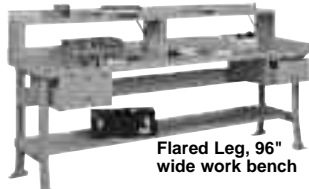
Description	Width (in)	Depth (in)	Ht. (in)
Overall	48	23	36
3 Drawers	22-1/4	17-1/16	2-15/16
1 Drawer	22-1/4	17-1/16	6-3/16
1 Drawer	22-1/4	17-1/16	9-7/16
Inside Top Shelf	17-5/8	19-1/4	14-1/4
Inside Lower Shelf	17-5/8	19-1/4	11-3/4
Rear Top Shelf	48-1/8	5-1/4	12-1/4
Rear Lower Shelf	48-1/8	4-3/4	13-1/2



### 8 Feet Wide Work Benches

Now choose Flared Leg or Adjustable Leg work benches with big, expansive work surface - and no center-leg obstruction. Perfectly suited for two people, working side-by-side, or for accommodating large tools, parts and equipment. With 12-gauge steel tops (or laminated hardwood tops, featuring 180° soft front edges) all benches have capacity of 1000 lbs., shelves 150 lbs., based on evenly distributed loads.

"Perfect-Fit" Bench Drawers are 9" deep hold items other drawers cannot handle.



Work Surfaces (TOPS)	with Stringer Only	with Stringer & Shelf	with Stringer & Drawer	with Stringer Shelf & Drawer
<b>Flared Leg Benches - 34" high</b>				
28" d Steel	2610	2612	2611	2613
34" d Steel	2614	2616	2615	2617
28" d Hardwood	2618	2620	2619	2621
34" d Hardwood	2622	2632	2623	2633
<b>Adjustable Leg Benches - 29" to 34" high</b>				
28" d Steel	2610A	2612A	2611A	2613A
34" d Steel	2614A	2616A	2615A	2617A
28" d Hardwood	2618A	2620A	2619A	2621A
34" d Hardwood	2622A	2632A	2623A	2633A

Shelf Risers for 96" Wide Workbenches. Order 2 per bench.

**No. 2624** - 48" w x 10-1/2" d x 12" h    **No. 2627** - 48" w x 10-1/2" d 18" h

### Assembly Work Stations

- A) Work Station with Stringer (wo/Shelf) - *not shown*
- B) Work Station with Stringer and Shelf (w/Shelf)
- C) Work Station with Stringer and Utility Drawer (wo/Shelf)
- D) Work Station with Stringer, Drawer & Shelf (w/Shelf) - *not shown*

### Pre-Engineered Assembly Work Stations

Features adjustable steel channel-legs with leg levelers and plastic laminate tops. These work stations are suited for all types of assembly operations. Bench heights adjust 27-1/4" to 36-1/4" (add 1-3/4" for top). Plastic laminate tops have 180° soft front edge for worker comfort.

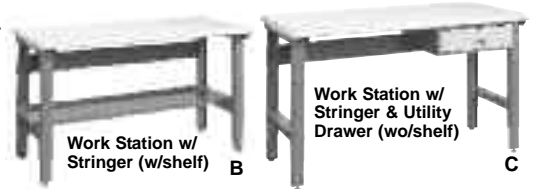
### Pre-Engineered Electronic Assembly Work Stations

Static-dissipative work benches feature chip-resistant, ESD plastic laminate tops with 180° soft front edge and 10° to 10° OHMS, 100 volts. Start with pre-engineered work bench selections shown below, then add accessories to create the work stations(s)

needed for your specific application. Adjustable bench-legs include levelers, provide bench heights from 29" to 38". Electrical knockout on each leg.

Optional Accessories for assembly work stations available, please call for complete details.

Dimensions	wo/shelf	w/shelf	wo/shelf	w/shelf
<b>Plastic Laminate</b>				
60" w x 28" d	75518	75528	60" w x 28" d	75538 75548
60" w x 34" d	75524	75534	60" w x 34" d	75544 75554
72" w x 28" d	75618	75628	72" w x 28" d	75638 75648
72" w x 34" d	75624	75634	72" w x 34" d	75644 75654
<b>Static Dissipative Plastic Laminate</b>				
60" w x 28" d	77518	77528	60" w x 28" d	77538 77548
60" w x 34" d	77524	77534	60" w x 34" d	77544 77554
72" w x 28" d	77618	77628	72" w x 28" d	77638 77648
72" w x 34" d	77624	77634	72" w x 34" d	77644 77654



### Flared Leg Work Benches

Heavy channel steel flared legs provide sturdy base for a variety of bench work tasks. Steel cross members welded between each upright add strength and rigidity. Base plates punched for floor bolts provide 24 square inch floor bearing surface per leg. Choose from eight different work surfaces.

Optional accessories shown here allow you to customize your bench.

NOTE: Plastic Laminate tops are only available in Dove Gray of Putty. Ash and Wedgwood Blue benches will come with Putty tops only.

**Perfect-Fit Bench Drawers** are 9" deep to accommodate aerosol cans, lunch totes, purses, manuals, directories - and all those other things that just don't fit handily in standard size drawers. **No. 2794**

- A) Work Bench with Stringer (wo/Shelf)
- B) Work Bench with Stringer & Shelf (w/Shelf)
- C) Work Bench with Stringer & Drawer (wo/Shelf)
- D) Work Bench with Stringer, Drawer & Shelf (w/Shelf)

Optional accessories shown here allow you to customize your bench.

Adjustable Leg Work Benches also available, call for complete details



Dimensions	wo/shelf	w/shelf	wo/shelf	w/shelf
<b>12-Gauge Steel</b>				
60" w x 28" d	2502	2522	60" w x 28" d	2463 2401
60" w x 34" d	2503	2523	60" w x 34" d	2464 2402
72" w x 28" d	2504	2524	72" w x 28" d	2465 2403
72" w x 34" d	2505	2525	72" w x 34" d	2466 2404
<b>Pressed Wood Over Steel</b>				
60" w x 28" d	2530	2534	60" w x 28" d	2469 2405
60" w x 34" d	2531	2535	60" w x 34" d	2470 2406
72" w x 28" d	2532	2536	72" w x 28" d	2471 2407
72" w x 34" d	2533	2537	72" w x 34" d	2472 2408
<b>Laminated Hardwood</b>				
60" w x 28" d	2540	2550	60" w x 28" d	2506 2427
60" w x 34" d	2541	2551	60" w x 34" d	2507 2428
72" w x 28" d	2542	2552	72" w x 28" d	2508 2429
72" w x 34" d	2543	2553	72" w x 34" d	2509 2430
<b>Pressed Wood Over Wood</b>				
60" w x 28" d	2444	2454	60" w x 28" d	2514 2431
60" w x 34" d	2445	2455	60" w x 34" d	2515 2432
72" w x 28" d	2446	2456	72" w x 28" d	2516 2433
72" w x 34" d	2447	2457	72" w x 34" d	2517 2434

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## Work Stations

### Flared Leg Work Benches (continued)

Dimensions	wo/shelf	w/shelf	wo/ shelf	w/shelf
<b>Plastic Laminate - 180° Soft Front Edge</b>			<b>w/Drawer</b>	
60" w x 28" d	3476	2480	60" w x 28" d	2518 2435
60" w x 34" d	2477	2481	60" w x 34" d	2519 2436
72" w x 28" d	2478	2482	72" w x 28" d	2520 2437
72" w x 34" d	2479	2483	72" w x 34" d	2521 2438
<b>Super Comp Top - 180° Soft Front Edge</b>			<b>w/Drawer</b>	
60" w x 28" d	2488	2492	60" w x 28" d	2544 2439
60" w x 34" d	2489	2493	60" w x 34" d	2545 2440
72" w x 28" d	2490	9494	72" w x 28" d	2546 2441
72" w x 34" d	2491	2495	72" w x 34" d	2547 2442
<b>Laminated Hardwood - 180° Soft Front Edge</b>			<b>w/Drawer</b>	
60" w x 28" d	2565	2569	60" w x 28" d	2577 2448
60" w x 34" d	2566	2570	60" w x 34" d	2578 2449
72" w x 28" d	2567	2571	72" w x 28" d	2579 2450
72" w x 34" d	2568	2572	72" w x 34" d	2580 2451
<b>Graphite Composite - 180° Soft Front Edge</b>			<b>w/Drawer</b>	
60" w x 28" d	2410	2420	60" w x 28" d	2411 2421
60" w x 34" d	N/A	N/A	60" w x 34" d	N/A N/A
72" w x 28" d	N/A	N/A	72" w x 28" d	N/A N/A
72" w x 34" d	N/A	N/A	72" w x 34" d	N/A N/A



### Sky-Wal™ Workstation Components

Create the Ultimate Workstation!

Most of these components are included in one or more of the pre-engineered Sky-Wal™ selections featured on the preceding pages. To design your own Sky-Wal™ ergonomic back-wall for a new or existing Lyon workbench, order parts separately.

### Sky-Wal™ Frame Packages

Attach to Lyon workbenches to accommodate Sky-Wal™ Components. All hardware included.

- No. BB79005 - For 48" w workbench
- No. BB79010 - For 60" w workbench
- No. BB79015 - For 72" w workbench

### Tool Hanger Assemblies with Light Mounting Bar

Keep tools suspended, within easy reach.

- No. BB79030 - For 48" w frame
- No. BB79031 - For 60" w frame
- No. BB79032 - For 72" w frame

### (A) Tool Trolley

Fits on Tool Hanger Assembly (above right) to put tools within easy reach, rolls across entire width of workbench. No. BB79035

### (B) Air Tool Balancer

Use with tool trolley. 12 lb. capacity. No. BB79034

### Electrical Raceways

Includes 15-20 amp switch breaker, 6 single outlets, base, back panel and cord with 15 amp grounded plug.

- No. BB79150 - 30" w for 60" w frames
- No. BB79155 - 36" w for 72" w frames
- No. BB79160 - 48" w for 48" w frames

### Backwall Panels

Anti-static, tackable nylon covered core board or 1/4" hardboard, all finished on one side. Order two panels per side for 60" w or 72" w frames, one panel per side for each 48" w frame.

30" w for 60" w frames	36" w for 72" w frames	48" w for 48" w frames
<i>Nylon Panel</i>		
BB79130C	BB79132C	BB79134C
<i>Painted Panel</i>		
BB79130W	BB79132W	BB79134W

- continues -

### Sky-Wal™ Workstation Components (continued)

#### Tote Bars

Provide anchors for plastic bins, solder holders and other accessories. Mount quickly at any convenient height.

Depth	30" w for Project	36" w for 72" w frames	48" w for 48" w frames
1-1/2"	BB79100	BB79101	BB79102
4-1/2"	BB79103	BB79104	BB79105
7-1/2"	BB79106	BB79107	BB79108



#### Plastic Bins

Clip on Tote Bars to load, store and access small parts. Won't rust, rot or corrode. Resists most solvents. Blue only.

- No. 78203 - 32 cu. in. cap., 4" w x 4" d x 2" h
- No. 78206 - 78 cu. in. cap., 4" w x 6-1/2" d x 3" h
- No. 78209 - 285 cu. in. cap., 6" w x 9-1/2" d x 5" h



#### Tote Bar Accessories

Mount on Tote Bars shown further on.

- A) No. BB79115 - Bottle Flux Holder
- B) No. BB79116 - Solder Holder
- C) No. BB79117 - Soldering Iron Holder
- D) No. BB79118 - Spool Holder



#### Mounting Brackets for Fluorescent Light Fixture

Brackets mount under shelf to hold 48" wide fixture within 48" w, 60" w or 72" w frames.

- No. BB79026 - For 48" w frames
- No. BB79027 - For 60" w & 72" w frames



#### Mounting Bars

For hanging light fixture. Extends fixture 14-3/4" over work surface. Pivot feature included.

- No. BB79022 - For 48" w frame
- No. BB79023 - For 60" w frame
- No. BB79024 - For 72" w frame



#### Light Fixture

Mounts on Tool Hanger Assembly or on Bars/Brackets. Light gray finish. Two 40-watt cool white florescent lights included. Cord length is 7-1/2" h.

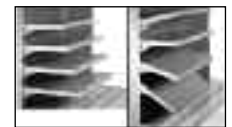
- No. 79020 - Overall 48" wide



#### Adjustable Shelves

Shelf design allows 4 mounting positions: 12° up, level and 15°, 30° down. Capacity: 250 lbs.

30" w for 60" w frames	36" w for 72" w frames	48" w for 48" w frames
<i>12" Shelf Depth</i>		
BB79050-2	BB79051-2	BB79052-2
<i>14" Shelf Depth</i>		
BB79053-2	BB79054-2	BB79055-2
<i>16" Shelf Depth</i>		
BB79056-2	BB79057-2	BB79058-2
<i>18" Shelf Depth</i>		
BB79059-2	BB79060-2	BB79061-2



#### Lip Inserts

All are 1" high to hold manuals, etc. when shelves are tilted down.

- No. BB79070 - 30" w for 60" w frames
- No. BB79071 - 36" w for 72" w frames
- No. BB79072 - 48" w for 48" w frames



#### 6" High Wire Shelf Fences

Mount along length or width of shelves to support books, etc. Chrome finish.

- No. 79075 - 12" deep
- No. 79076 - 14" deep
- No. 79077 - 16" deep
- No. 79078 - 18" deep



- continues -

## Material Handling

# Work Stations/Guard Rails

### Sky-Wal™ Workstation Components (continued)

#### Document Storage Cabinets

Big 15" d x 15" h metal cabinets provide generous storage area above work surface. Device inside secures unit to upright. Two keys included. Capacity: 50 lbs.

- No. BB79090 - 30" w for 60" w frame
- No. BB79091 - 36" w for 72" w frame
- No. BB79092 - 48" w for 48" w frame



#### PC Arm Assembly

Keep your PC right at your fingertips, but not in your way. Holds majority of standard PCs. 100 lb. capacity.

- No. KK79170 - 30" w for 60" w frames
- No. KK79171 - 36" w for 72" w frames
- No. KK79172 - 48" w for 48" w frames



#### Tote Arm Assembly

Keep toolboxes, and tools right in front of you, with out taking up worksurface.

- No. KK79175 - 30" w for 60" w frames
- No. KK79176 - 36" w for 72" w frames
- No. KK79177 - 48" w for 48" w frames



### Bumble Bee™ Safety Rail

Hollaender affords you a variety of options in specifying the proper Bumble Bee Safety Rail system for your specific application. You can choose between three standard safety railing kits Corner, Straight Section and Extension.

- Easy installation—low labor cost and fast
- Corrosion resistance—visually maintenance free
- Lightweight—easy to handle
- Recyclable—salvageable
- Non-magnetic and non-sparking—option aluminum kit and stainless steel screws—safe for millions of installations
- OSHA- and BOCA-compliant.



### Railing Systems

Structural fittings make building a variety of railing systems (and other structures) quick, easy and low in cost. The key is the slip-on design feature which allows easy of assembly with few tools and minimum installer skill levels. There are no bolts, nuts, washers, adhesives, threading or welding. Simply select the fittings you need, cut the pipe to the proper length, slip on the fitting and tighten the setscrew which locks the fitting securely to pipe. *It really is that easy!* This also ensures that railing systems are virtually maintenance-free as well as nearly 100% salvageable and reusable.

These fully American-Made fittings meet or exceed current OSHA requirements, plus local/regional building codes. They are precision cast in high-strength aluminum/magnesium alloy that is lightweight and corrosion-resistant. Anodizing, special powder and stainless steel setscrews are available options for added corrosion resistance. Tamper-resistant setscrews are an additional option for installations where theft or vandalism may be a problem.

There are over 400 fittings and flanges in the Comprehensive SPEED-RAIL and NURAIL lines, with sizes, types and specific configurations for almost any application. They're gauged to standard pipe sizes (I.P.S.) and can be used with steel, galvanized steel or aluminum pipe. If you're not sure which INSTANT STRUCTURE fittings are best suited to your project, call with your requirements. Some of the most popular sizes of these fittings are shown here. Call for complete details on putting together the Rail System that's right for you.

(A) You can get welding or adhesives, save up to 40% on installation costs with slip-on fittings.

(B) It really is as easy as 1-2-3 assemble INSTANT STRUCTURE products; you don't need expensive or specialized tools or a high degree of skill training.

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### Railing Systems (continued)

	<b>No. 3 ELL</b> I.P.S. Size 3/4" 1-1/2" 1" 2" 1-1/4"		<b>No. 17 Adj. ELL or TEE</b> I.P.S. Size 3/4" 1-1/2" 1" 2" 1-1/4"		<b>No. 45 SBC Flange</b> I.P.S. Size 1-1/2"
	<b>No. 3 No. 3AE Adjustable ELL</b> I.P.S. Size 1-1/4"		<b>No. 19 Adj. Cross</b> I.P.S. Size 3/4" 1-1/2" 1" 1-1/4"		<b>No. 48 Flange</b> I.P.S. Size 1-1/2"
	<b>No. 5 TEE</b> I.P.S. Size 3/4" 1-1/2" 1" 2" 1-1/4"		<b>No. 10 Cross<sup>1</sup></b> I.P.S. Size 3/4" 1-1/2" 1" 2" 1-1/4"		<b>No. 50 Flange</b> I.P.S. Size 3/4" 1-1/4" 1" 1-1/2"
	<b>No. 7 Cross</b> I.P.S. Size 3/4" 1-1/2" 1" 2" 1-1/4"		<b>No. 20 Outside Corner</b> I.P.S. Size 3/4" 1-1/2" 1" 2" 1-1/4"		<b>No. 52E Flange<sup>2</sup></b> I.P.S. Size 1-1/4" 1-1/2"
	<b>No. 9 Side-Outlet ELL</b> I.P.S. Size 3/4" 1-1/2" 1" 2" 1-1/4"		<b>No. 60 Plug<sup>3</sup></b> I.P.S. Size 3/4" 1-1/2" 1" 2" 1-1/4"		

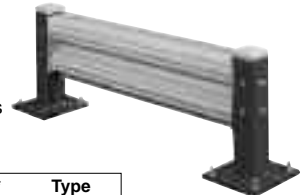
### Guard Rail Systems

Reduce machinery downtime, inventory losses and work-related injuries with Lyon's Protective Guard Rail. Heavy duty columns and rails form protective barriers for in-plant work areas, office walls, doorways, building passages and driveways.

Tough, 10-gauge high-tensile steel is formed into dual-ribbed corrugated rail design for added strength. For extra strength, 4" x 4" x 1/4" square tubing columns are welded to 10" x 10" x 5/8" steel base plates designed for floor mounting with 5/8" x 5" anchors. Designed under AISE specifications. All hardware included.

#### Pre-Engineered Single Rail Sections

For basic systems, simply start with the appropriate Starter rail, then add Add-Ons as necessary. All rails are 12" high, with 18" high columns.



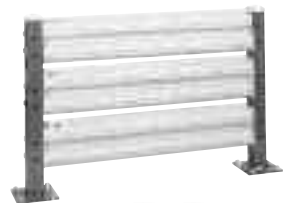
Cat. No.	Nominal Length*	Beam Length*	Type
40100	10"	9'8"	Starter
40110	10"	9'8"	Add-On
40120	6"	5'8"	Starter
40230	6"	5'8"	Add-On

NOTE: Lengths shown are center to center.

#### Guard Rails

Use with columns to custom-build protective barriers for your operations. All lengths shown are 12" high.

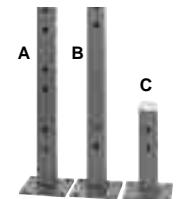
- No. 40004 - 4' long nominal, 3'8" actual
- No. 40005 - 5' long nominal, 4'8" actual
- No. 40006 - 6' long nominal, 5'8" actual
- No. 40007 - 7' long nominal, 6'8" actual
- No. 40008 - 8' long nominal, 7'8" actual
- No. 40010 - 10' long nominal, 9'8" actual



#### Column Posts

Use single columns for single rail applications, dual for two rails, and triple for full 42" high protection.

- A) No. 40000 - Single, 18" high
- B) No. 40002 - Dual, 42" high
- C) No. 40003 - Triple, 42" high

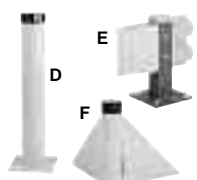


**Bollards** - Use to protect doorways and building passages. Also great to direct traffic flow. 42" high, 6-5/8" diam. x 1/4" thick. D) No. 40026

**Flared Ends** - Deflect vehicular traffic impact. 10 ga. 10" high, 9-1/8" long.

(E) No. 40024

**Corner Guards** - Add protection for office and wall corners. Full gussets to withstand impact. 4-1/2" diam. x 1/4" thick.



(F) No. 40020 - 18" height  
No. 40022 - 36" height

# Strapping

## GERRAD & CO. (STRAPBINDER®):

### Steel Strapping 100 lb. Coils - No Freight Allowed

**Regular Duty Strapping** is manufactured from cold rolled steel under rigid quality control. Precise uniformity in width, gauge and finish ensures trouble-free operation with automatic strapping machines and pneumatic or manual strapping tools.

**Finishes:** Painted and waxed strapping features a high quality coating to resist corrosion, and uniformly waxed to ensure ease of operation in strapping tools and machines. It meets requirements of Federal Specification QQ-S-781, Types I and IV, Class A coated finish. AAR Approved.

- Provides strong reinforcement
- Permits reduction of container board strength
- Permits carton re-use
- Discourages pilferage
- Is the strongest strapping material, size for size
- Offers widest range of width and thickness
- Provides highest tension
- Has highly stable mechanical properties
- Withstands impact
- Resists abrasion
- Is impervious to ultra-violet light rays



Strapping Specs.					Ave. Coil Wt (lbs)	
Catalog No.	Strap Size (in)	EDP No.	Average Fraction Load (lbs)	Feet per (lbs)	ID 16" Face 2.78" OD 22" Oscillated Wound	Wt (lbs) # Skid
<b>Regular Duty</b>						
ST3/8	x .015	02301	675	52.3	100	12
ST3/8	x .020	02302	880	39.3	100	12
ST1/2	x .015	02304	900	39.3	100	12
ST1/2*	x .020	02305	1,170	29.4	100	12
ST1/2	x .023	23065	1,380	25.6	100	12
ST5/8	x .015	02307	1,125	31.4	100	12
ST5/8*	x .020	02308	1,460	23.6	100	12
ST5/8	x .023	23095	1,725	20.5	100	12
ST3/4	x .015	02310	1,350	26.2	100	12
ST3/4*	x .020	02311	1,760	19.6	100	12
ST3/4	x .023	23125	2,070	17.1	100	12
ST3/4	x .028	02312	2,300	14.0	100	12

\* Most popular sizes

## Steel Strapping Dispensers

### ST418-C Mobile, Vertical Dispensers – Oscillated Coil

Developed for use with 100 lb. oscillated wound coils, the ST418-C features a handy tray tool, seal, or other accessory storage. The strap feeds through a guide arm which activates a brake to prevent overrun. The dispenser may be used with either manual or pneumatic tools. UPS shippable.



Cat. No.	EDP No.	Strap Size (in)	Wt (lbs)
ST418-C	00418	3/8 - 3/4" oscillated	60

## Seals

There are three basic types of seals. The following information will aid in seal selection:

- The type tensioner employed determines which seal to use.
- The strap width determines the seal size

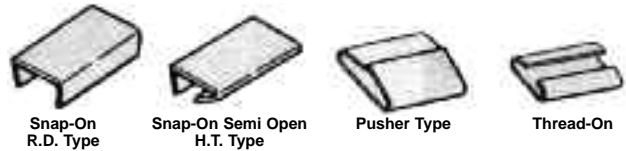
**SNAP-ON SEALS** may be used with all except pusher type and magazine fed tensioners. Placed on the overlapping strap ends during or after tensioning, they facilitate speedy strapping.

**PUSHER TYPE SEALS** are used with pusher type tensioners. Pushing against the seal tensions the strap. These are recommended for bundling rods and tubs and for coil strapping.

**THREAD-ON SEALS** may be used with all tools except pusher type and magazine fed tensioners. Pre-threaded on the overlapping strap ends before the strap is tensioned, they are excellent for use on narrow operating surfaces, on bales or bundles, or where it is desirable to form a loop with seal holding the strap.

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### Seals (continued)



Seal Size (in)	Cat. No.	EDP No.	Seal Type	Seal Length (in)	Std. Pkg.	Std. Pkg. (lbs)	Tensioning Tool	Sealing Tool Double Downcut	Sealing Tool Single Upcut
3/8	ST1501	01501	Snap-on	1	5000	30	ST1916	ST1951DDC	
	ST1521	01521	Thread-on	1	5000	30	ST1916	ST1951DDC	
	ST1531	01531	Pusher	1	5000	44	ST141-A ST1902-D ST121		ST1951UC
1/2	ST1502	01502	Snap-on	1	5000	34	ST1916	ST1952DDC	
	ST1522	01522	Thread-on	1	5000	34	ST1916	ST1952DDC	
	ST1532	01532	Pusher	1	5000	48	ST141-A ST1902-D ST121		ST1952UC
5/8	ST1503	01503	Snap-on	1	5000	50	ST1916	ST1953DDC	
	ST1523	01523	Thread-on	1	5000	50	ST1916	ST1953DDC	
	ST1533	01533	Pusher	1	5000	64	ST141-A ST1902-D ST121		ST1953UC
3/4	ST1504	01504	Snap-on	1	5000	60	ST1916*	ST1954DDC*	
	ST1524	01524	Thread-on	1	5000	60	ST1916*	ST1954DDC*	
	ST1534	01534	Pusher	1	5000	70	ST141-A* ST121*		ST1954UC*

\* = .023 max

## Steel Strapping Tools

### for Round Surfaces and Regular Duty Strap (3/8" to 3/4")

The **ST141-A** can use strap directly from the coil and features a resettable rack for more take-up. A breaker nose is used to cut the strap.

The tool is designed for noncompressible rounds or irregulars where high strap tension is required.

Cat. No.	EDP No.	Strap Size (in)	Wt (lbs)
ST141-A	00141	3/8" - 3/4" RD (.023 max.)	5.0



**Single Upcut (one notch) Sealer** for use with regular duty strapping on round applications – bundles, etc. (.023 thick max.)

Cat. No.	EDP No.	Strap Size (in)	Wt (lbs)
ST1951UC	11951	3/8" RD	2.5
ST1952UC	11952	1/2" RD	2.5
ST1953UC	11953	5/8" RD	2.5
ST1954UC	11954	3/4" RD	2.5



## Plastic Strapping System

### Polypropylene Strapping System

Polypropylene is the most economical type of plastic strap and is adequate in many applications.

Polypropylene does not require the use of scored seals. UPS shippable.



Width (in)	Break Strength	EDP No.	ID x Face (in)	Ft/Coil	Coil Wt (lbs)	Coil Per Box
ST1/2	x 300H	30088	8 x 8	9,000	21	1
ST1/2	x 300H	30163	16 x 3	4,500	11	2
ST1/2	x 300H	30166	16 x 6	9,000	22	1
ST1/2	x 250H	35088	8 x 8	8,700	26	1
ST1/2	x 500H	50163	16 x 3	3,600	15	2
ST1/2	x 600H	60088	8 x 8	7,200	35	1
ST1/2	x 600H	60163	16 x 3	3,600	19	2
ST1/2	x 600H	60166	16 x 6	7,200	37	1
ST5/8	x 1000H	10163	16 x 3	2,200	17	2

**Material Handling**

**Strapping**

**PLASTIC STRAPPING TOOLS**

**Tensioner**

This **manually operated** tensioner has a windlass drum for positive high tension take-up. Pushing the tension handle forward cuts the loose end of the strap after the seal has been sealed. See the chart below for seal and sealer usage with polypropylene, polyester and nylon strapping. The STTPW-2 also works well with wire buckles. Shipping weight: 3.5 lbs.

Cat. No.	EDP No.	Strap Size (in)	Wt (lbs)
STTPW-2	00002	3/8" - 3/4" Plastic	3.5

Strap	Sealer	Seal
1/2" Polypropylene	STSP 2-1/2"	ST3255 SO
5/8" Polypropylene	STSP58-5/8"	ST3256 SO



**Strapper (1/2"-5/8")  
Sealer and Tensioner**

The **STSP-2 Sealer** is specifically designed for use with polypropylene strapping in palletizing and general packaging applications with the **STTPW-2 Tensioner**. The triple friction grip forms exceptionally efficient joints.

Cat. No.	EDP No.	Strap Size (in)	Wt (lbs)
STSP-2	00122	1/2" Plastic	4.0
STSP58	01977	5/8" Plastic	4.5



**Dispenser**

This dispenser offers proven reliability and efficient strap dispensing of 8" I.D. x 8" face or 9" I.D. x 8" face or 16" I.D. x 3" or 6" face coils. Adjustable brake arm prevents strap overrun while rubber tires provide mobility. A handy tray holds tools and seals. UPS shippable.

Cat. No.	EDP No.	Strap Size (in)	Wt (lbs)
ST4-1680	41680	1/2"-3/4" Plastic	60



**Poly Pac Strapping Kit**

This **convenient, portable strapping kit** is designed in a compact and economical lightweight box. It is ideal for offices, stores, warehouses and low volume shippers. It contains everything needed for shipping purposes and weighs only 14 lbs.

Cat. No.	EDP No.	Strap Size (in)	Wt (lbs)
ST 1/2" PAC	12300	1/2" Plastic	14.0



**Each portable strapping kit contains:**

- 3,000 feet of high quality 1/2" plastic strapping
- 300 1/2" wire buckles
- A sturdy hand-held tensioning and cutting tool
- A complete set of instructions, with illustrations printed on the box
- A protective cardboard sleeve to prevent shipping damage. Can be shipped UPS

