

HOSE HALTERS™

Help protect your workers from injury and your equipment from damage

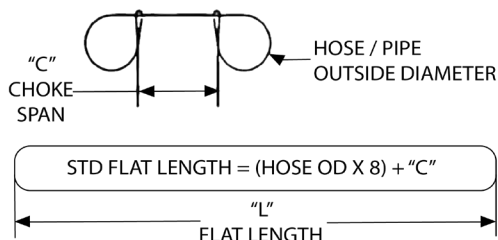
When pipe or hose couplings fail under pressure, *Lift-All Hose Halters* minimize thrashing to reduce equipment damage and personal injury. Slide the rubber grommets to keep choked eyes snug on the hose. The standard lengths will accommodate pipes and hoses with inside diameters (ID) of 1/4" up to 6".

Available in Four Different Strengths

Features and Benefits



- Suitable for pneumatic, water, hydraulic pipes and hoses.
- Made from strong, flexible nylon webbing.
- Easy to install.
- Simple design that will not rust compared to other similar products.
- Meets both OSHA and Canada OHS requirements for restraining devices on pipe and hose connections.
- Available in nylon and polyester. Call for pricing.



Hose Halter Selection and Use

When securing hoses and pipe connections, do not exceed the specified pressure ratings.

The length of *Hose Halters* are ordered as a flat length based on a value equal to 8 times the hose outside diameter (OD), plus the desired span or gap between the choke points and rounded up to standard sizes shown below.

Recommended for Use on the Following Pipe and Hose Inside Diameters										
Part Number	Length (in.)	Color	1/4"	1/2"	3/4"	1"	2"	3"	4"	6"
Hose Maximum Internal Pressure (PSI) at above hose ID										
HH122*	22"	O R A N G E	26,000	6,500	2,900	1,650	400	175	100	50
HH130	30"									
HH140	40"									
HH144	44"									
HH164	64"									
HH230*	30"									
HH244	44"	Y E L L O	52,000	13,000	5,800	3,300	750	350	200	90
HH264	64"									
HH274	74"									
HH330*	30"									
HH344	44"									
HH364	64"									
HH430*	30"	Y E L L O	-	29,000	13,000	7,300	1,800	820	460	200
HH444	44"									
HH464	64"									

*Minimum Length

OSHA 1926.603(a)(10) states:
"Safety chains, or equivalent means, shall be provided for each hose connection to prevent the line from thrashing around in case the coupling becomes disconnected"

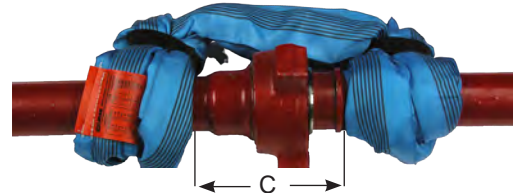
Note: For use on hoses of 1/2" ID and smaller, HH2 2-ply *Hose Halter* restraints are recommended for improved flexibility near the end section of the restraint.

ROUNDONE™ HOSE HALTER

The Heavy Duty Solution for Coupling Safety

Help protect your workers from injury and your equipment from damage when pipe or hose couplings fail under pressure.

RoundOne pipe and *Hose Halters*™ offer protection for a wide range of pipe and hose sizes and pressures. Suitable for use on pneumatic, water, and hydraulic pipes and hoses. Available sizes cover inside diameters from 1/2" through 8", with pipe/hose pressures up to 85,100 psi. Complies with OSHA, Canada OHS and Work Safe BC requirements for restraining devices on pipe and hose connections.



C = Length between Choke Points

What size do you need?

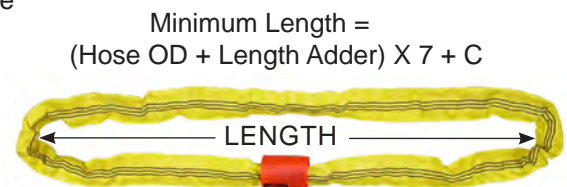
1. In the chart below, find the row for your **pipe/hose inside diameter (ID)**.
2. Read across the row of selected ID until you come to a **maximum hose pressure** that exceeds the maximum pressure that will go through your pipe/hose.
3. The appropriate halter part number for that assembly is at the top of that column.

Part Number	HHS3	HHS6	HHS9	HHS12	HHS15	HHS18	HHS24	HHS28	HHS36
Minimum Length	20"	20"	24"	36"	36"	36"	36"	36"	44"
Pipe/Hose ID	MAXIMUM PIPE / HOSE PRESSURE (PSI)								
0.50"	23,500	47,900	76,000	-	-	-	-	-	-
0.75"	10,400	21,300	33,700	42,600	53,100	67,400	85,100	-	-
1"	5,800	11,900	19,000	23,900	29,800	37,900	47,800	57,400	70,100
1.5"	2,600	5,300	8,400	10,600	13,200	16,800	21,200	25,500	31,100
2"	1,470	2,900	4,700	5,900	7,400	9,400	11,900	14,300	17,500
3"	650	1,300	2,100	2,660	3,300	4,200	5,300	6,300	7,700
4"	360	740	1,180	1,490	1,860	2,370	2,900	3,500	4,300
5"	230	470	760	950	1,190	1,510	1,910	2,200	2,800
6"	160	330	520	660	820	1,050	1,320	1,500	1,940
8"	90	180	290	370	460	590	740	800	1,090
Length Adder	0.3	0.6	0.9	1.2	1.5	1.8	2.4	2.8	3.6

What length do you need? Order halters by the flat length.

1. To determine the minimum length, add the outside hose diameter (OD) to the length adder (per chart), then multiply by 7 and add the minimum desired length between the choke points (C).
2. Round up to the next even 6" increment (42", 48", 54", 60", etc.).
3. Example: Your 1" ID hose carries 30,000 psi. Using the chart above, the first *Hose Halter* to exceed that rating is an HHS18. The OD of your hose is 1.5", and you want 16" between choke points. The calculation follows:

$(1.5 + 1.8) \times 7 + 16 = 39.1"$ (rounded up to 42"). The complete part number is **HHS18X42IN**.



GRIPHOOK®

Patent # 11,987,481

General
Information

Web
Slings

Round
Slings

Sling
Protection

Wire
Rope

Chain
Slings

Rigging
Hardware

Mesh
Slings

Cargo
Control

Lift-All
Hoists

Hoist
Rings

Plate
Clamps

Lifting
Devices



Lift-All's patented *GripHook* design converts your forklift into a below the fork lifting device in a matter of seconds. These should be obtained for every forklift to avoid the unsafe/disallowed practice of hanging loose slings over forks. The *GripHook* replaces older style, heavy metal attachments.

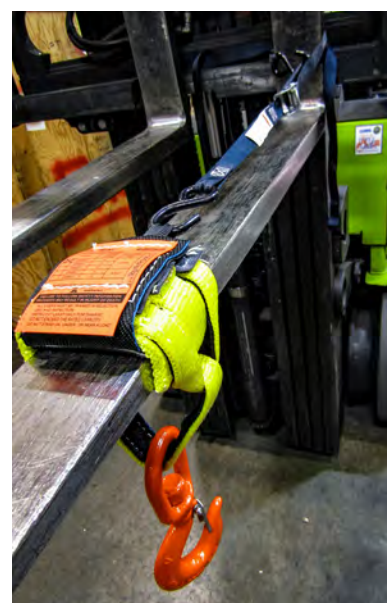
The self-gripping design allows the *GripHook* to tighten around the fork when a load is applied. The easy to attach *GripHook* does not require any tools to install.

This economical solution is made from high quality synthetic materials saving you money, without compromising lift capacity.



Features and Benefits

- The *GripHook* is a lightweight alternative to metal attachments.
- Quick to install, remove and store.
- Self-gripping to the fork so there is no need to tighten attachment to the fork, saving you time.
- Turns your forklift into a hoist in a matter of seconds.
- Allows forklift to lift from the bottom of the forks.
- Quick and easy load control.
- The *GripHook* is designed with patented built-in cut protection technology.
- Sewn in the United States.
- 1-Ton and 2-Ton options available.
- A lightweight device with a multitude of uses.
- Order with optional lanyard - **Part Number: 60111**



**Shown With Optional Lanyard
Part Number: 60111**

Part Number	Capacity	Description
GH4S-1	1-TON	<i>GripHook</i> with Swivel Hook for 4" Fork
GH5S-1	1-TON	<i>GripHook</i> with Swivel Hook for 5" Fork
GH6S-1	1-TON	<i>GripHook</i> with Swivel Hook for 6" Fork
GH5S-2	2-TON	<i>GripHook</i> with Swivel Hook for 5" Fork
GH6S-2	2-TON	<i>GripHook</i> with Swivel Hook for 6" Fork
GH8S-2	2-TON	<i>GripHook</i> with Swivel Hook for 8" Fork



Scan and learn more about *Lift-All's GripHook*.

FORK SLEEVES

Lift-All fork sleeves protect your loads from damage caused by the sharp edges of forklift forks. These long-lasting, easy to install sleeves are made from heavy-duty *Webmaster*® 1600 polyester webbing.

Features and Benefits

- Soft *Webmaster* 1600 polyester sling webbing cushions the load to avoid damage.
- 12" long rear flap protects the load from vertical member of the fork to avoid damage.
- Retaining straps keep sleeve on forks, saving time.
- Quick and easy to install.
- Sewn-in reinforced tip is available to prolong life of the sleeve, saving you money.



Back View



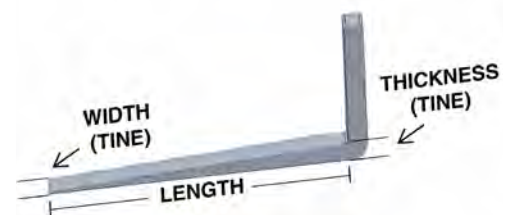
Side View



Sewn-in Reinforced Tip

Part Number*		Fork Width	Fork Length	Fork Thickness
Standard Sleeve	Reinforced Tip Sleeve			
FKSL4A	FKSLT4A	3" and 4"	48"	1.5"
FKSL5B	FKSLT5B	5"	54"	1.5" up to 2"
FKSL6D	FKSLT6D	6"	84"	1.5" up to 4"
FKSL8B	FKSLT8B	8"	84"	1.5" up to 2"

*Part Numbers are one each - Not a pair.



BUCKET & COOLER SLINGS

Improve productivity and help protect your workers from injury with these slings.



Lift-All Cooler Slings will adjust to lift 3, 5, or 10-gallon water coolers safely and securely to elevated workstations. Connect two or three together to save crane time.

- Made from 2" wide yellow polyester sling webbing. **Rated Capacity: 500 lbs.**
- Three lifting legs hold both cooler and lid securely.
- Buckles on the two belly bands allow for easy rigging, a snug fit and quick connection.
- Extra loop on the bottom of the sling allows for easy attachment of additional hook top cooler slings.
- Overall sling height is 44".

- Custom sizes available.

Hook Top Part Number: CSH10 weight: 4.3 lbs.
Eye Top Part Number: CSE10 weight: 3.3 lbs.



Lift-All Bucket Slings are designed to lift 5-gallon buckets filled with up to 200 pounds of material.

- Made from 1" wide yellow polyester sling webbing.
- **Rated capacity: 200 lbs.**
- Designed for buckets with an 11" diameter base.
- Two belly bands keep bucket secure.
- Overall sling height is 28".

- Custom sizes available.

Part Number: BS5 weight: 0.8 lbs.

DRUM HANDLING SLINGS

Lift-All drum handling slings provide an easy, inexpensive way to handle steel drums. Available in two styles to suit your needs for handling drums in the vertical or horizontal position.



- Tilt suspended drums to pour from open top or spigot.
- For use with ribbed steel drums, the ratcheting belly band tightens securely below the first rib.
- A wear pad is sewn on the inside of the lifting strap to prevent damage.
- Ratchet tightens and locks securely.
- The free end of the ratchet strap is sewn to stay properly threaded.
- Vertical legs are sewn to an adjustable belly band to maintain proper position.
- Easily lift standing drums for transport.

Vertical Drum Handling Slings

	Part Number	Web Width (in.)	Drum Diameter (in.)	Sling Capacity (lbs.)
Heavy Duty	DSV602DX24IN	2	24	850
	DSV602DX30IN	2	30	850
	DSV602DX36IN	2	36	850
Light Duty	DSV601DX24IN	1	24	300

Standard 55-gallon drum is 24" diameter. Other sizes available.

Note: Heavy duty is the standard option.

Horizontal Drum Handling Slings

Ideal for quick and easy lifting of steel drums in the horizontal position.

Part number **DSH601D** uses 1" polyester sling webbing and is rated for 1,500 lbs.



- Strong 1" polyester webbing pulls drum hooks securely into rims at both ends of the drum during the lift.
- One sling fits multiple-size drums.
- Easy to hook up and disconnect.
- Uses a 1/2" diameter oblong link at the top for easy connection to hook.

Note: If used in a chemical environment, contact Lift-All for sling material options.

Part Number: DSH601D

TRASH BARREL SLINGS

Improve productivity and help protect your workers from injury with these slings.

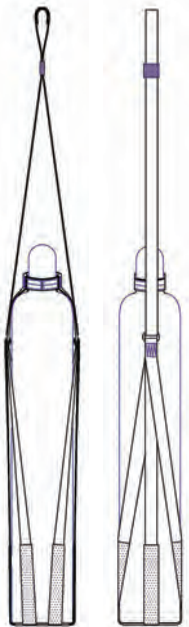
Lift-All Trash Barrel Slings are designed to lift 32-gallon plastic trash barrels. Use your overhead crane to make easy work of moving these heavy barrels.

- Made from 2" wide yellow polyester sling webbing.
Rated capacity: 1,000 lbs.
- Tapered and wrapped eyes allow for easy connection.
- Overall sling height is 51".
- Secure trash barrel to the sling through both handles using the individual sling legs.
- Custom sizes available.



Part No. TBS32
Weight: 3 lbs.

GAS BOTTLE WEB CRADLES



GBS1N

These specialty web cradles allow easy and secure lifting of your gas bottle cylinders into position. Two standard versions are available.

GBS1N automatically adjusts to accommodate 9" Dia. X 50" H to 13" Dia. X 39" H bottles. **GBS2N** is designed for the convenient tandem lifting of one oxygen and one acetylene bottle as used in most welding operations.

- Leather reinforced eyes for extended life.
- Each assembly is rated to lift 1,000 lbs.
- Top assembly collar fits around standard valve caps to secure top of cylinder.
- Square rings connect bottom and top assemblies and allow for automatic adjustment.
- Six legs on bottom assembly surround and secure base of cylinder.
- Abrasion resistant webbing lines both sides of legs at bottom for longer life.
- 2-ply leather base provides additional protection from abrasion and cutting.

The **GBS2N** has the same construction features as the **GBS1N**, but is designed specifically to lift one each of the standard size oxygen and acetylene bottles commonly used in welding operations.



GBS2N

STONE HANDLING SLINGS

Special abrasion resistant 4-inch wide nylon webbing for handling stone, concrete and building panels. *Lift-All* stone handling slings feature a soft abrasion-resistant wear pad woven onto the load side of the webbing, providing outstanding protection for both the sling and the polished stone surfaces.

Features and Benefits

Promotes Safety

- Red core yarn warning system aids in the inspection process.
- *Tuff-Tag*™ provides serial numbered identification for traceability and required OSHA information for the life of the sling.

Saves Money

- Heavy, soft yarns on load side to help protect the sling from abrasion.
- White pile yarns prevent color transfer to load.

Saves Time

- 2-ply version with abrasion resistance on both sides.
- Does not require orientation by the rigger.



Ply	Part Number	Rated Capacity* (lbs.)		
		Vertical	Choker	Basket
One Ply	UU1SH4N	5,400	4,000	10,800
	EE1SH4N	5,400	4,000	10,800
	EN1SH4N	10,800	8,600	21,600
Two Ply	UU2SH4N	9,400	7,000	18,800
	EE2SH4N	9,400	7,000	18,800
	EN2SH4N	10,800	8,600	21,600

Note: Eye/Eye style slings with flat eyes only. Untapered and 12" eye length.

* **WARNING** Do not exceed rated capacities. Sling tension increases as the angle from horizontal decreases. Slings should not be used at angles of less than 30°. Refer to the Effect of Angle chart in the General Information section of this catalog. **Always protect synthetic slings from being cut by corners and edges. See the Sling Protection section in this catalog.**

LIFT-ALL HULL SAVER™ BOAT SLINGS

Polyester** web slings designed especially for use with travel lifts to lower and retrieve large boats.

Features and Benefits

- 2-ply *Hull Savers* are the standard for improved durability and UV resistance.
- *Tuff-Tag*™ provides required OSHA information for the life of the sling in a marine environment.
- *Lift-All* trained professionals are available for recommended seasonal inspection.
- Optional keel pad lead weights accelerate sinking to required lift depth.
- Extra eye offers versatility.
- Low-stretch polyester webbing helps to avoid scuff damage to hulls.
- Optional chine & keel pads protect boat and increase sling life.
- Edge guard wear resistant material available to protect sling from abrasion.
- Quick disconnect pins are available to improve productivity.



See Custom Engineered Devices in the back of this catalog for ordering options.

Ply	Hull Saver Part Number	Width (in.)	1Rated Capacity* (lbs.)	Optional Pull Pin Shackles			
				Shackle Part Number	Weight (lbs.)	Width (W) (in.)	Length (L) (in.)
Two Ply	HS2804	4	23,000	4WSH	3.2	4	3.75
	HS2806	6	32,600	6WSH	6.8	6	4.75
	HS2808	8	38,400	6WSHHD	9.8		
	HS2810	10	44,800				
	HS2812 ²	12	48,000/53,800 ²				

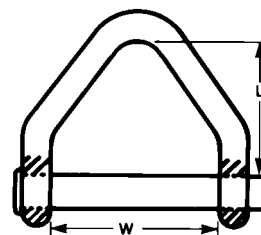
¹ Rated capacity is the rating of one sling in a vertical basket hitch.

² De-rate sling to 48,000 when used with 6" HD Shackle (6WSHHD).

** Nylon webbing is available, but stretches about 50% more than polyester and should not be used near acids. Polyester should not be used near caustics.

Safe Operating Practices

- Inspect slings prior to each use and do not use if damaged.
- Never allow people aboard the boat while it is suspended by slings.
- Never work under or near a boat suspended by slings.
- Boats must be properly blocked and stabilized before removing slings.
- *Hull Saver* boat slings are capacity rated for vertical basket lifts. Do not exceed rated capacities.
- When lifting with extra eyes, direction of pull must be away from center point of the original sling length.



Environmental Considerations

- Nylon and polyester degrade at temperatures above 200°F.
- Prolonged exposure to ultraviolet light adversely affects nylon and polyester. Slings become bleached and stiff when exposed to sunlight or arc welding.
- Many acids, alkalis and chemicals have an adverse effect on nylon and polyester. See Chemical Environment Data chart in Web section of this catalog.
- Remove from service if end fittings are corroded, distorted, cracked, broken or excessively pitted.

* **WARNING** Do not exceed rated capacities. Sling tension increases as the angle from horizontal decreases. Slings should not be used at angles of less than 30°. Refer to the Effect of Angle chart in the General Information section of this catalog. **Always protect synthetic slings from being cut by corners and edges. See the Sling Protection section in this catalog.**

HYDRANT SLING

This synthetic sling is used to grasp fire hydrants in a safe and secure manner. The self-choking feature offers additional security and safety. It fits over any size discharge outlet or side valve system and is designed to lift under the valve body, not the valve stem.

Features and Benefits

- Perfect for safe handling of fire hydrants.
- Lightweight and available in two lengths; 4'-6" and 7'-6".
- Easy to store.
- Will not rust and protects the hydrant finish while lifting.
- 4,000-lb capacity.
- Part Number's **HEN60** and **HEN6076**.



GLASS HANDLING SLING

Features and Benefits

- Select from a variety of materials to protect glass from marring and protect the sling from sharp edges.
- Made in various sizes to fit your specific glass lifting application.
- Sold in pairs.

See Custom Engineered Devices in the back of this catalog for ordering options.



Ply	Width (in.)	Vertical Endless Rated Capacity (lbs.)
One Ply	2	6,400
	3	8,800
	4	11,500
Two Ply	2	12,400
	3	16,300
	4	20,700

RFID TAGGING

Lift-All offers a high-frequency passive RFID tagging service for new slings.

RFID chips allow end users with RFID readers to electronically track a sling's history to assist with the maintenance, inspection, traceability, and compliance of their slings.

SYNTHETIC SLINGS

Synthetic slings will have a 5/8" diameter (plastic-coated) high-frequency chip inserted underneath the standard *Tuff-Tag*™. The sling will be labeled as containing an RFID chip.



Plastic Coated RFID Chip
Part # RFIDW

WIRE ROPE & CHAIN SLINGS

Wire rope and chain slings are offered with a high-frequency RFID chip, permanently set into a machined teardrop shaped piece of steel, and attached to the sling with a wire cable.

Wire rope sling placement is between the *Tuff-Tag* and the swaged sleeve. Chain sling attachment is beside the ID tag on the connector link.



Steel Encased RFID Chip
Part # RFIDS

Tag Information

RF Protocol: ISO15693 / ISO10443
Operating Frequency: HF - 13.56 MHz
IC Type: SLI Icode 1024 Bit
Memory Config.: 64 UID Bits (16 digits)
Functionality: Read and Write

Security: 64 Bit Kill Access Password
Read Range: Less than 1.0"
Quality Guarantee: 100%
IP Classification: 68

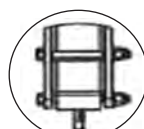
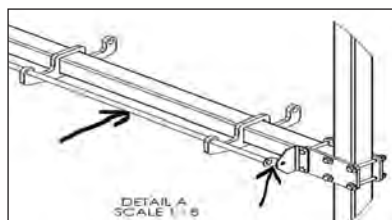
GANTRY SLING RACK

A great addition to any manufacturing or industrial facility.

Part Number	Description	Weight (lbs.)
SLR-UM-6	Universal Sling Rack	164
SLR-LS	Optional Locking System	24
SLR-HK	Additional Hooks (ea.)	7.94

- Strong steel construction.
- Blue powder-coated toughness.
- Eight double hooks are standard.
- Adjustable double hooks - max capacity 150-lbs.
- Comes with adjustable feet, casters and anchor bolt kit.
- Optional: extra hooks and hook lock.

Optional Locking System



Anchor Bolt Kit

Capacity:
2,000 lbs.



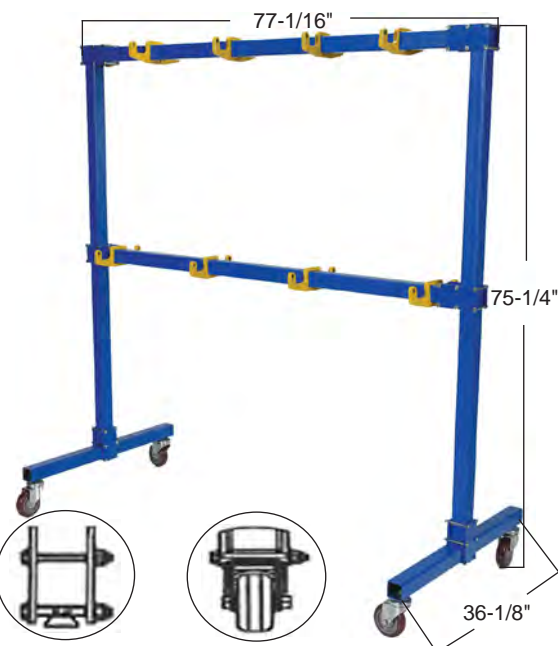
Adjustable Feet

Capacity:
2,000 lbs.



Casters

Capacity:
1,200 lbs.



MARKETING DISPLAYS

FREE marketing display with a qualifying order.

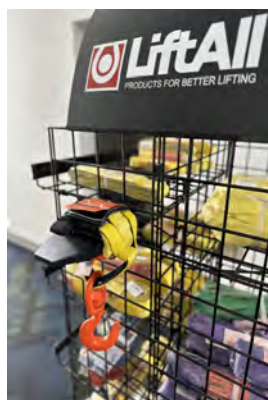
Lift-All offers marketing displays that are ideal for showrooms to easily showcase Lift-All products. Talk with Lift-All customer service today for qualifying order details.



Sling Central
Part No. POP
Dimensions (in.)
HxDxW
60X16.75X24



P.O.P
Part No. POP2
Dimensions (in.)
HxDxW
60X34X24



GripHook Add-On*
Part No. GRIPHOOKADD-ON
Dimensions (in.)
DxW
8X2



Hoist Display Rack
Part No. HOISTDISPLAY
Dimensions (in.)
HxDxW
79X24X55



Tabletop Hoist Display
Part No. TABLETOPDISPLAY
Dimensions (in.)
23" To Top Post
12" Diameter
9.75" Across Top
Hanging Bar

The GripHook Add-On fits Lift-All's POP and POP2 displays as well as standard wire rack displays.