



PROFESSIONAL LIFTING CATALOG





Hein-Werner Lifting equipment is manufactured in the U.S.A.
All products come with a 2 year warranty.

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Omega Lifting equipment is a premium import lifting equipment line.
All Omega products come with a 1 year warranty.

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Blackhawk Porto-Power is the premier collision repair equipment preferred by professional body shops. All Porto-Power products come with a 1 year warranty.

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HW93652 3 Ton Service Jack

Made in **USA**

HW93642 2 Ton Service Jack

Made in **USA**



Pair with **HW93503** Jack Stands



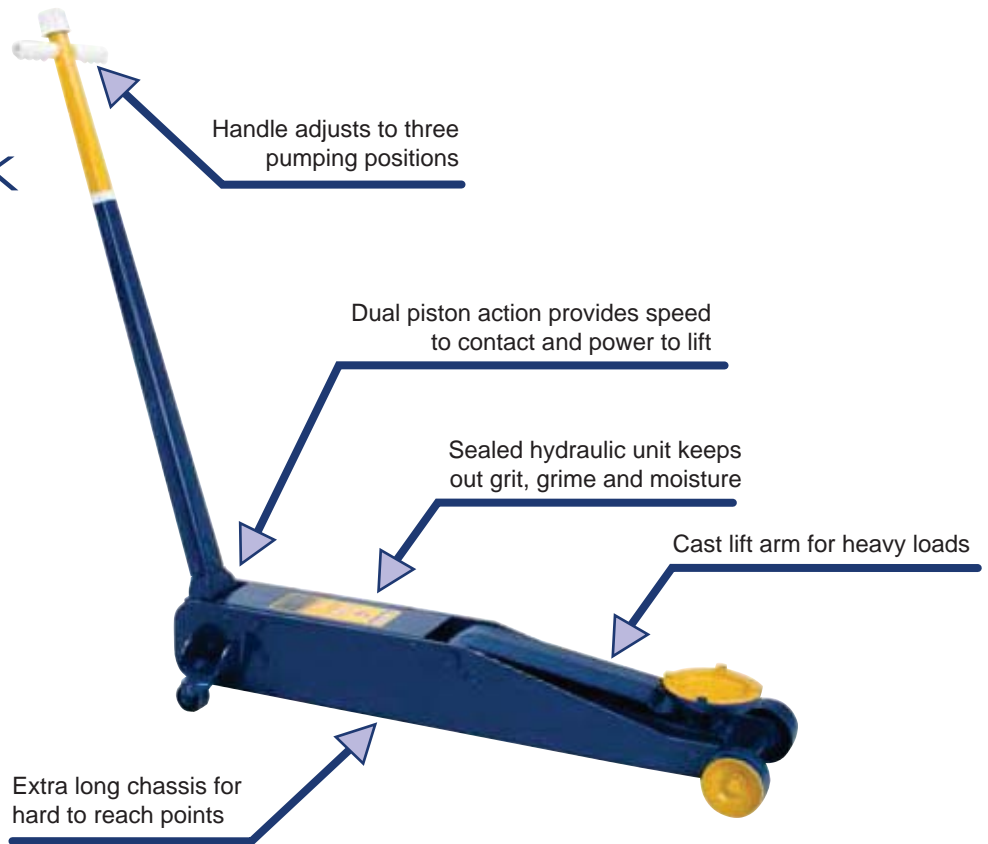
Model	Capacity	Minimum Height	Maximum Height	Power Raise	Saddle Diameter	Handle Length	Chassis Length	Chassis Height	Wheel to Wheel Width	G.W.
HW93642	2 Ton	4-1/2"	20-1/4"	15-3/4"	6-3/4"	50"	28-1/2"	6-3/4"	11-3/4"	90 Lbs.
HW93652	3 Ton	5"	23-1/2"	18-1/2"			31-1/2"	7-1/4"		107 Lbs.

HW93657 4 Ton Service Jack

Made in **USA**



T handle with release knob for ease of positioning and load control



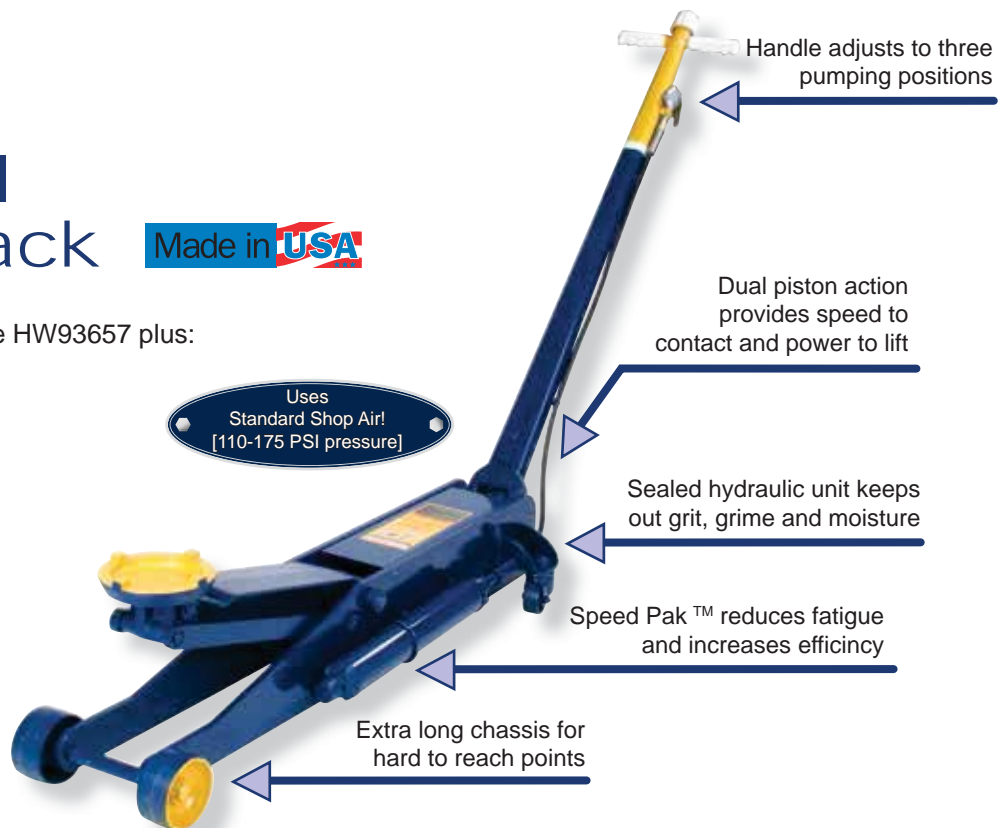
HW93667 4 Ton Air/Manual Service Jack

Made in **USA**

Includes all the features of the HW93657 plus:

- Operates manually or with air

Pair with **HW93506** Jack Stands



Model	Capacity	Minimum Height	Maximum Height	Power Raise	Saddle Diameter	Handle Length	Chassis Length	Chassis Height	Wheel to Wheel Width	Min. PSI For Rated Load	G.W.
HW93657	4 Ton	5"	25-3/4"	20-3/4"	7"	51"	49"	8"	15"	N/A	219 Lbs..
HW93667										140	233 Lbs..

HW93660 10 Ton Manual Service Jack

Made in **USA**

Pair with **HW93512** Jack Stands

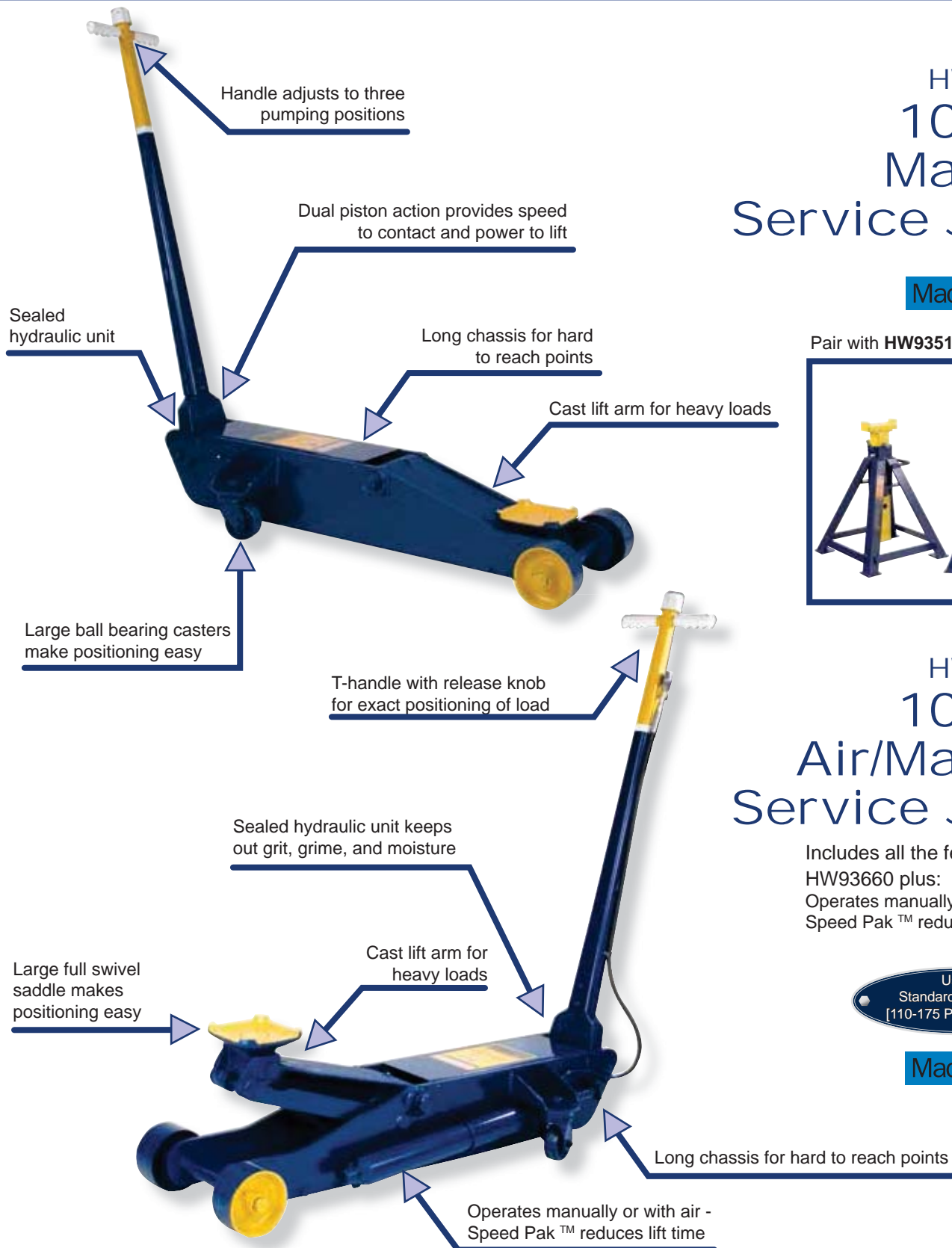


HW93662 10 Ton Air/Manual Service Jack

Includes all the features of the HW93660 plus:
Operates manually or with air
Speed Pak™ reduces lift time

Uses
Standard Shop Air!
[110-175 PSI pressure]

Made in **USA**

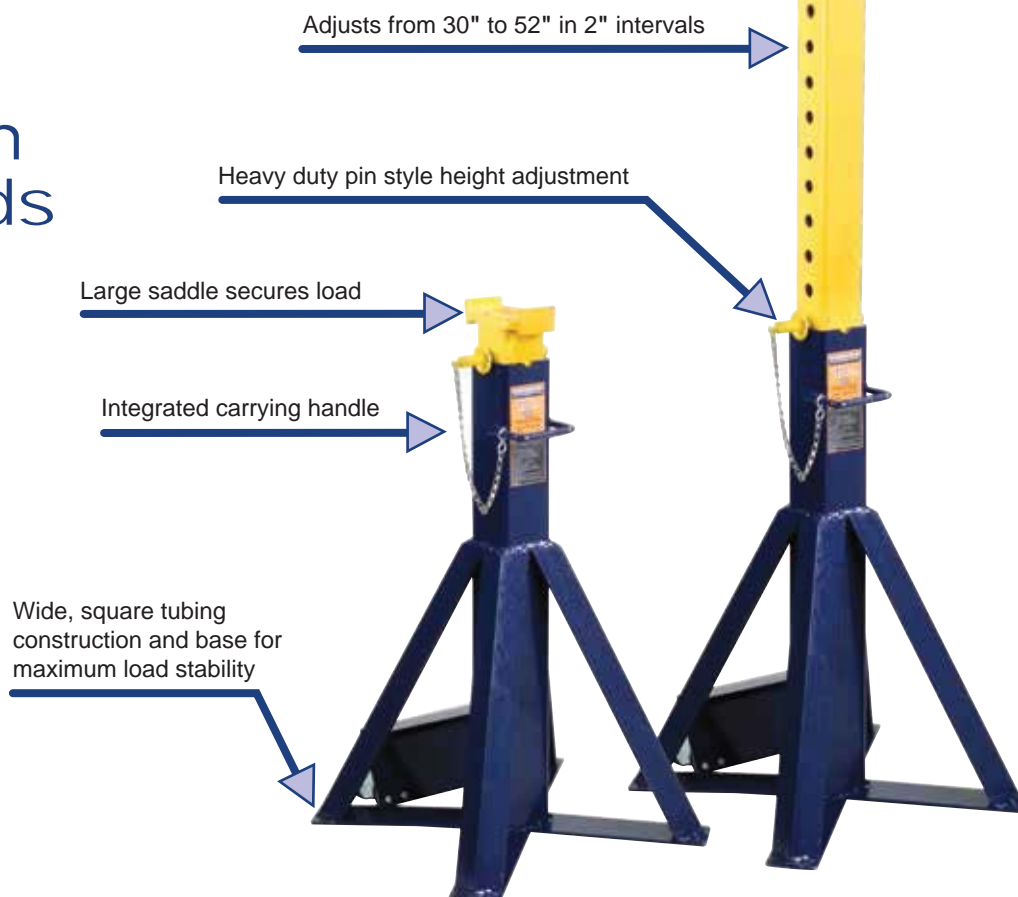


Model	Capacity	Minimum Height	Maximum Height	Power Raise	Saddle Diameter	Handle Length	Chassis Length	Chassis Height	Wheel to Wheel Width	Min. PSI For Rated Load	G.W.
HW93660	10 Ton	6-3/4"	25-1/2"	18-3/4"	8-1/2"	56"	53-1/2"	9-1/2"	20-1/2"	N/A	420 Lbs.
HW93662										140	435 Lbs.

HW93511 10 Ton High Reach Jack Stands

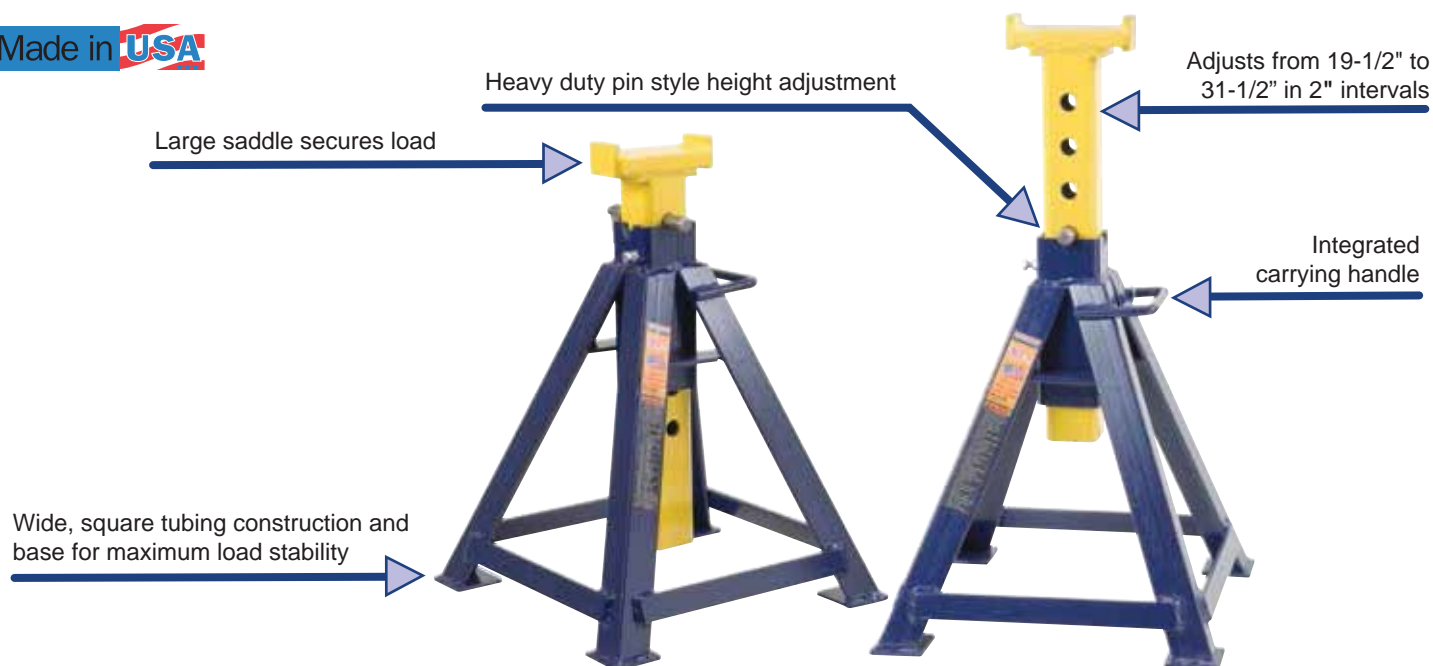
Made in **USA**

Integrated wheels
for easy positioning



HW93512 10 Ton Jack Stands

Made in **USA**



Model	Capacity (per pair)	Minimum Height	Maximum Height	Height Intervals	Base Size	Saddle Size	G.W. (pair)
HW93511	10 Ton	30"	52"	2"	19"x19"	3"x 5-3/4"	144 Lbs.
HW93512		19-1/2"	31-1/2"		16"x16"		88 Lbs.

HW93503 3 Ton Jack Stands

HW93506 6 Ton Jack Stands



Model	Capacity (per pair)	Minimum Height	Maximum Height	Height Intervals	Base Size	Saddle Size	G.W. (pair)
HW93503	3 Ton	12-1/8"	19"	5/8"	7-1/2" x 9"	1" x 4-1/2"	26 Lbs.
HW93506	6 Ton	16-1/4"	25-3/4"		10-1/2" x 13"	1" x 5"	45 Lbs.

HW93524A 7 Ton Forklift Stands

Made in USA

HW93526A 25 Ton Forklift Stands



Model	Capacity (per pair)	Minimum Height	Maximum Height	Height Intervals	Base Size	Saddle Size	G.W. (pair)
HW93524A	7 Ton	9-1/2"	15-3/4"	1"	9-1/4" x 9-1/4"	2-1/2" x 4-1/2"	36 Lbs.
HW93526A	25 Ton	12-1/4"	20"	1-1/2"	10" x 10"	2-1/4" x 3-1/2"	66 Lbs.

HW93265 Saddle Extension Kit

(Optional, for use only on HW93733)

HW93733 20 Ton Truck Jack

Made in **USA**



Adds 1/2", 2-3/8", or 4"
to low pick-up heights

Optional adapters provide
added height

Uses
Standard Shop Air!
[110-175 PSI pressure]

Pressure relief valve
prevents overloading

Rapid two-speed air hydraulic
action quickly advances ram to load

Specially coated ram prevents
rust and extends jack life

Low height allows lifting
from axle or suspension

Large 8"
rubber wheels

Extension screw permits pickup height adjustment

Speed Pak™
provides quick,
effortless lift

Large rubber wheels
enhance mobility

HW93731 20 Ton Truck Jack

Made in **USA**

Model	Capacity	Minimum Height	Maximum Height	Power Raise	Handle Length	Base Size	Extension Screw	Operating Pressure	G.W.
HW93731	20 Ton	9-3/8"	17-5/8"	5-1/2"	39-1/2"	8-3/4" x 5-1/2"	2-3/4"	110-150 PSI	69 Lbs.
HW93733		9-1/2"	20"	5"	52-1/2"	20-1/2" x 13"	5-1/2"	110-140 PSI	97 Lbs.

HW93735A 25 Ton Truck Jack

Made in 

3" extension
adapter included

Rapid two-speed air hydraulic
action quickly advances ram to load

Large 8"
rubber wheels

Specially coated ram prevents
rust and extends jack life

Pressure relief valve
prevents overloading

Low height allows lifting
from axle or suspension

Model	Capacity	Minimum Height	Maximum Height w/adaptor	Power Raise	Handle Length	Base Size	Extension Screw	Operating Pressure	G.W.
HW93735A	25 Ton	8-1/4"	21-1/2"	5-1/8"	53"	20" x 14"	5-1/8"	110-200 PSI	118 Lbs.

HW93718 1 Ton Floor Style Transmission Jack

Made in **USA**

Designed for heavy duty transmissions, including:

- Fuller Roadrangers
- Spicer 50,60,5000,6000 and split torque (SST) series
- Mack T-2000 and Maxitorque series
- Allison AT, MT, and HT series
- Clark 280, 282, 285, CL455, and CL550
- Mercedes G3 and GV4 types
- Volvo S & R models
- Iveco 31, 35, 46, and 2828 models



HW93248 Adaptor Kit



- Allows user to remove and stabilize a Fuller Road Ranger truck transmission without first removing the PTO module, thus saving considerable labor time
- Heavy-duty steel construction
- For use with the HW93718 Hein-Werner Transmission Jack only



Model	Capacity	Minimum Height	Maximum Height	Chassis Length	Chassis Width	Forward Tilt	Rear Tilt	Sideways Tilt	G.W.
HW93718	1 Ton	10-1/4"	44-3/4"	47-1/2"	28-1/4"	44°	39°	13° L & R	310 Lbs.

HW93720
1/2 Ton
Air/Hydraulic
Telescopic
Transmission
Jack

Made in **USA**

Four ratcheting brackets fit transmission pan flanges

Hefty nylon safety strap helps anchor transmission

Saddle adjustments are made easy with big, easy-to-grip crank handle

Air operated first stage

Hydraulically operated second stage

Wide caster base for smooth maneuverability



Model	Capacity	Minimum Height	Maximum Height	Lifting Head Height	Base Size	Forward Tilt	Rear Tilt	Sideways Tilt	G.W.
HW93720	1/2 Ton	34"	72"	11-3/8" x 11-3/8"	41-1/4" x 41-1/4"	35°	18°	11° L & R	117 Lbs.

HW93659 4 Ton Forklift Jack

Made in **USA**



Model	Capacity	Minimum Height	Maximum Height	Power Raise	Handle Length	Base Size	G. W.
HW93659	4 Ton	2-1/2"	16-3/4"	14-1/4"	29"	8" x 26-1/2"	73 Lbs.

HW93737A 10 Ton Air Jack

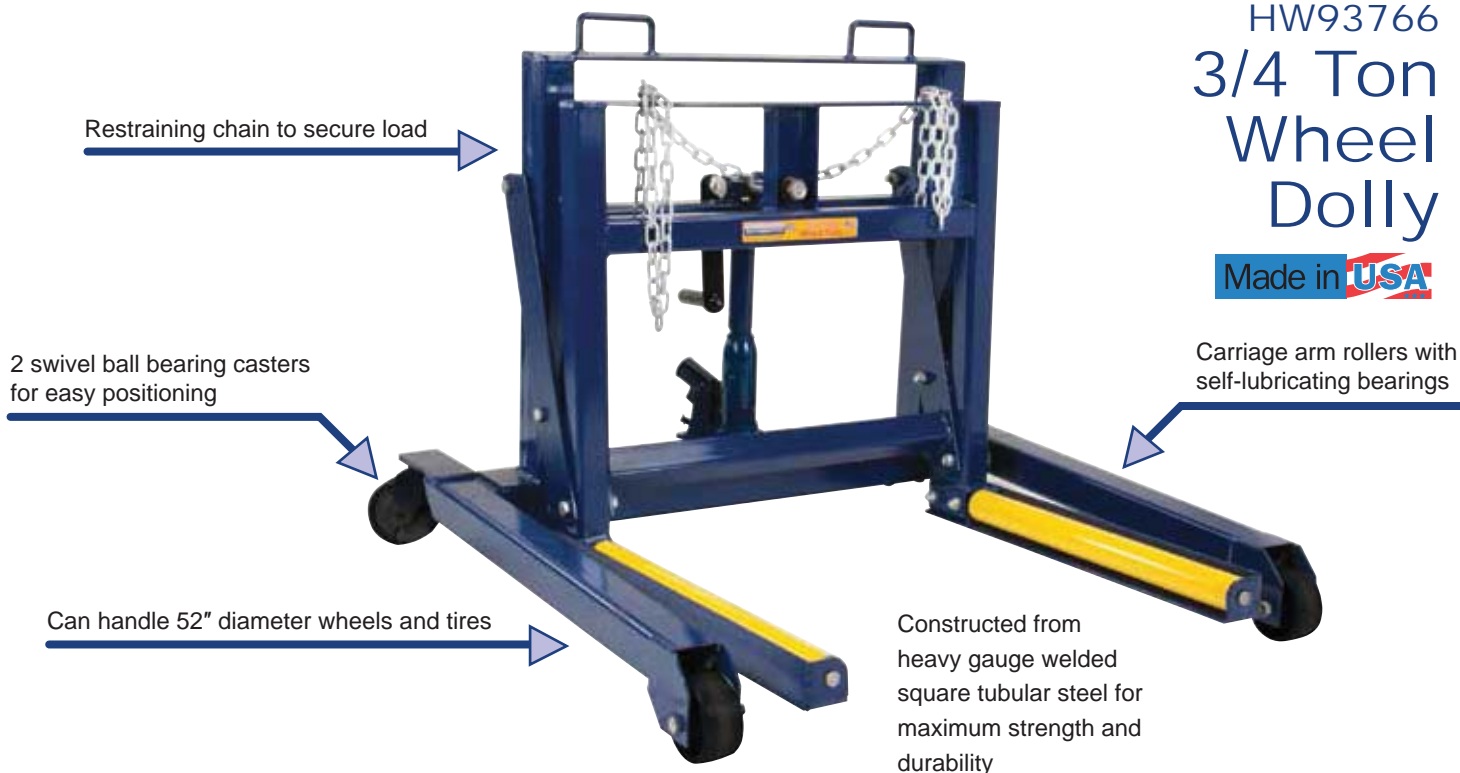
Made in **USA**



Model	Capacity	Power Raise	Starting Height	Maximum Height	Base Diameter	Air Pressure for Rated Capacity	G. W.
HW93737A	10 Ton	11-1/2"	17-3/4" - 40"	51-1/2"	12"	200 PSI	165 Lbs.

HW93766 3/4 Ton Wheel Dolly

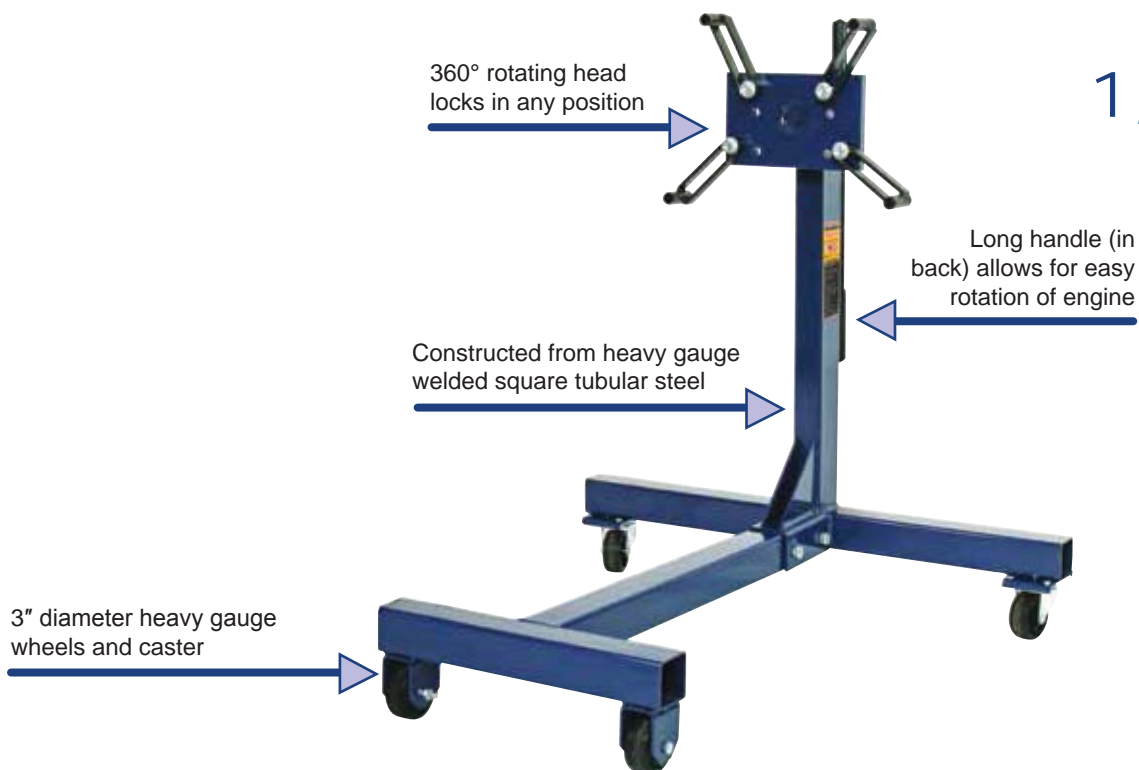
Made in **USA**



Model	Capacity	Lift Range	Lifting Arm Length	Lifting Arm Spread	Overall Length	Overall Width	Overall Height	G.W.
HW93766	3/4 Ton	4" - 9"	23"	26-1/2"	38-3/4"	39-1/2"	32"	118 Lbs.

HW93778 1,250 Lbs. Engine Stand

Made in **USA**



Model	Capacity	Base Size	Overall Height	Head Plate	Head Plate Thickness	Wheel Diameter	Caster Diameter	Handle Length	G.W.
HW93778	1,250 Lbs..	36" X 35"	34"	9-1/2" X 6"	3/4"	3"	3"	22-1/2"	79 Lbs.

HW93776 3 Ton Engine Stand

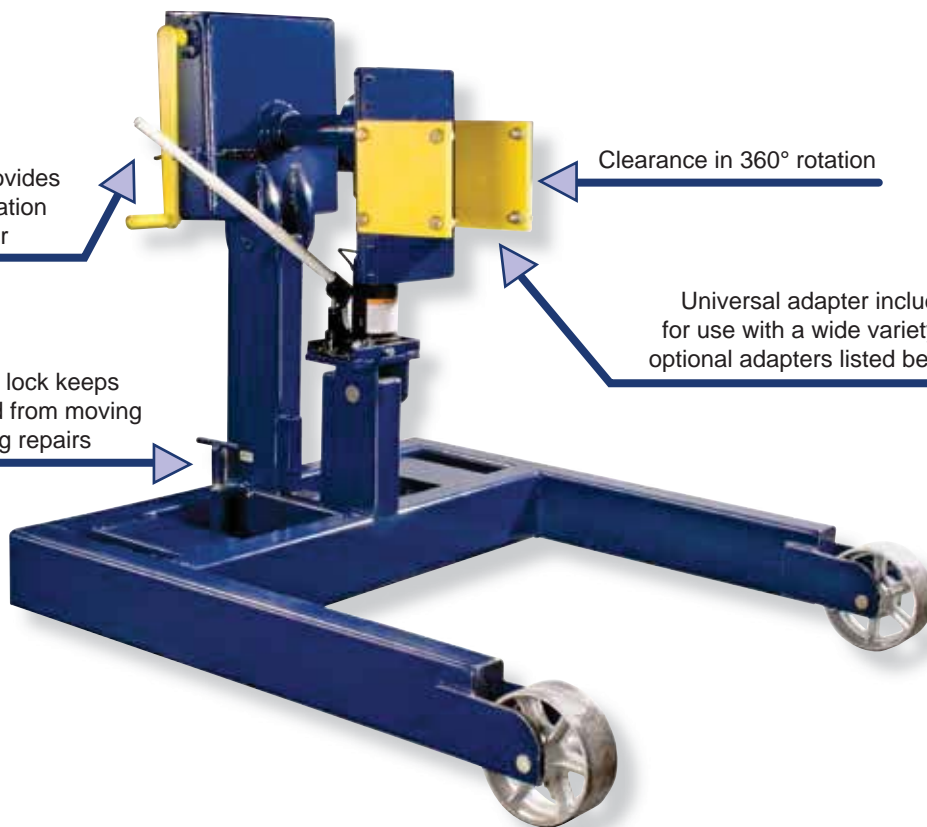
Made in 

Long handle provides
easy engine rotation
with 95 to 1 gear

Clearance in 360° rotation

Universal adapter included
for use with a wide variety of
optional adapters listed below

Floor lock keeps
stand from moving
during repairs



HW93776-1

Cummins Engine Stand Adapter

For Cummins engines: all NH, NTC, & NTE 855 Series
in-line 6 cyl., 378 Series V6, 504, 555 & 903 Series V8,
KT 1150 Series in-line 6 Cyl. L10



HW93776-3

Mack Diesel Engine Stand Adapter

For Mack engines: 672, 673, 675 & 711. Series in-line 6 cyl.



HW93776-5

Caterpillar Engine Stand Adapter

For Caterpillar engines: 1673, 1674, 1693,
3306 & 3406 in-line 6 cyl. also 1100 & 3208 V8 and 3408 V8.



HW93776-2

Detroit Engine Stand Adapter

For Detroit engines: 53 Series in-line 6 Cyl., 6V & 8V also 71
series in-line 6 cyl., 6V, 8V & 12V also 92 series 6V & 8V also
8.2 liter V8.



HW93776-4

International Diesel Engine Stand Adapter

For International Harvester engines: DT-466 in-line 6 cyl.
DV-550, MV-404, MV-446, V304, V435, V392, 4-152, 4-194,
4-196, 9.0 liter V8, 6.9L (Ford).



HW93776-6

Allison Transmission Adapter

All Allison transmissions: AT 500,
MT 600, MT 6 speed, VH,
VS and V730



HW93776-7

Small Vehicle Adapter

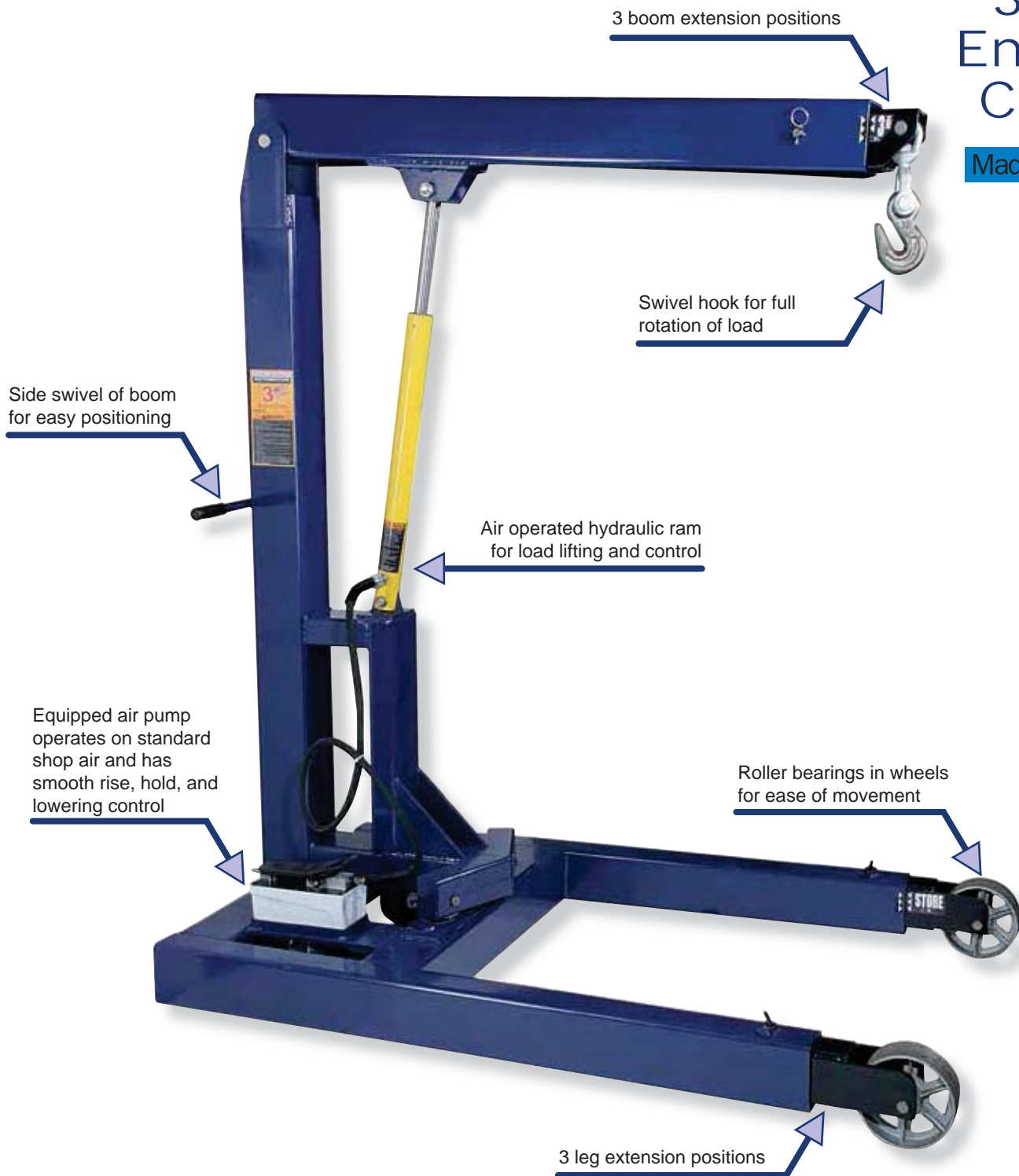
Small size vehicle and light truck
engine
2,000 Lbs..
capacity.



Model	Capacity	Overall Dimensions			Wheel Diameters		Rotational clearance from MTG. Head to Ground	G.W.
		Height	Width	Length	Front	Rear		
HW93776	3 Ton	45-3/4"	46"	52"	8"	5-3/4"	37-1/2" to 43-1/4"	602 Lbs.

HW93806 3 Ton Engine Crane

Made in **USA**



Model	Boom Capacity @ Length	Hook Height		Leg Extension	Overall Dimensions			Wheel Diameter		G.W.
		Min.	Max.		Height	Width	Length	Front	Rear	
HW93806	3 Ton	30-1/2"	120-1/2"	91-1/4"	87"	51"	75"	8"	6"	1,044 Lbs.
	2-1/2 Ton	18-1/2"	132-1/2"	106-3/4"						
	2 Ton	6-1/2"	144-1/2"	123"						

HW93809 2 Ton Foldable Engine Crane

Made in **USA**

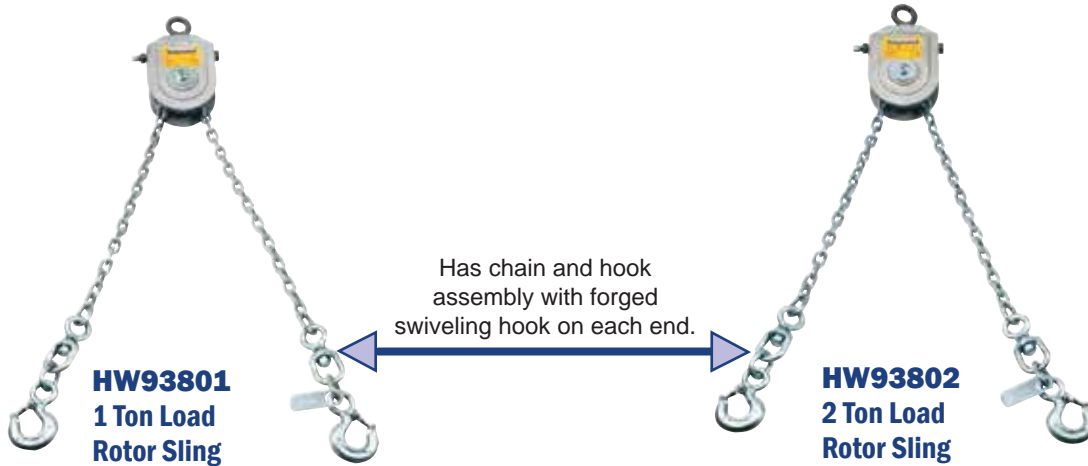


Model	Capacity (retracted)	Capacity (center)	Capacity (extended)	Max. Boom Height (retracted)	Max. Boom Height (extended)	Overall Boom Height (horizontal)	Boom Reach (retracted)	Boom Reach (extended)	Overall Length	Min. Throat Width
HW93809	4,400 Lbs.	3,800 Lbs.	3,300 Lbs.	119"	130"	84"	35-3/4"	50-3/4"	82"	22"

Model	Leg Length (inside)	Inside Leg Width (3 Positions)			Leg Height	Wheel Diameter	G.W.
		1	2	3			
HW93809	55"	22"	36"	50"	8-1/8"	6"	640 Lbs.

Rotor Slings

Made in **USA**



- Load Sling is intended for use with an engine crane or hoist.
- Engines or other components can be tilted or leveled by turning sling's hex drive end with a common speed handle and socket.

Model	Capacity	Hex Drive	Chain Length	Link Size	Weight
HW93801	1 Ton	5/8"	65"	5/16"	17 Lbs.
HW93802	2 Ton		100"		31 Lbs.



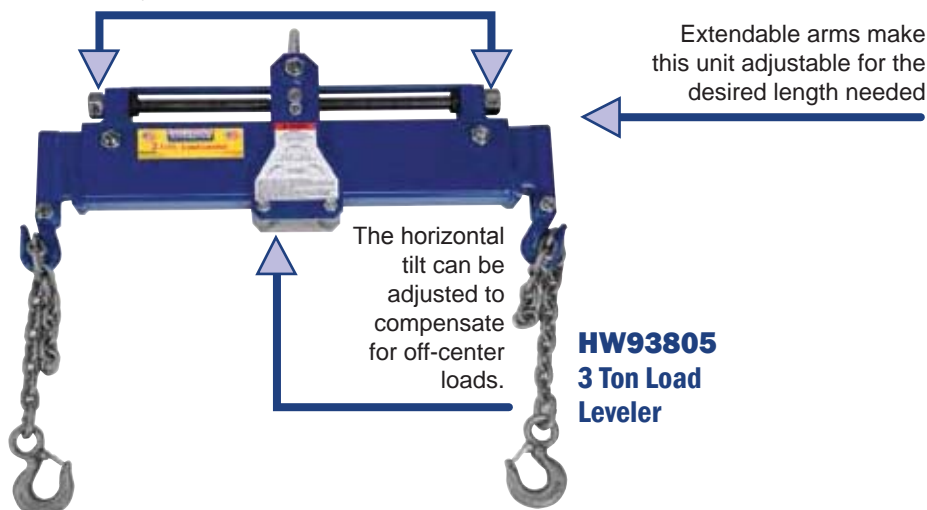
Adjustable Slings

Made in **USA**

- Designed for use with a crane or hoist to support large, bulky loads.
- Chain length may be adjusted to compensate for off-center loads or for an alignment angle during assembly or disassembly.

Model	Capacity	Chain Length	Link Size	Weight
HW93803	1 Ton	65"	7/32"	4.8 Lbs.
HW93804	2 Ton		5/16"	9.3 Lbs.

Adjustment nuts on both ends of the extension screw make tilting the load easy and accessible.



Load Leveler

Made in **USA**

- Designed to handle and position heavy components with use of an engine crane or hoist.
- It can also be used to angle a component when necessary to install it.

HW93805
3 Ton Load Leveler

HW93690

Made in 

10 Ton Air Operated End Lift



Three-way heavy duty brass air valve provides precision control when lifting or lowering a vehicle

Safety latch design (in back) provides six different automatic safety lock positions to prevent unintentional lowering of load

Adjustable lifting arm can be extended to desired position

Two front swivel caster wheels and two 12" diameter semi-pneumatic rear tires provide easy maneuvering

Heavy duty wide base for stability and strength

Three-way heavy duty brass air valve provides precision control when lifting or lowering a vehicle

Safety latch design provides five different automatic safety lock positions to prevent unintentional lowering of load

Front swivel caster wheel and two 8" diameter rear tires

Adjustable lifting arm can be extended to desired position

HW93696A

2-1/2 Ton Air Operated End Lift

Made in 

Model	Capacity	Minimum Height	Maximum Height	Power Raise	Saddle Spread	Min. Air Pressure For Rated Load	Distance (Lifting to Front of Saddle)	G.W.
HW93690	10 Ton	18-1/2"	50-1/2"	28"	28" - 53"	200 PSI	17"	641 Lbs.
HW93696A	2-1/2 Ton	10-1/4"	35-3/8"	24-1/2"	23-1/4" - 41-1/4"		19"	200 Lbs.

AIR CONTROL UNIT

One control valve operates both units simultaneously



HW93693 10 Ton Wheel Lift System

Made in  USA



Model	Capacity	Minimum Height	Maximum Height	Power Raise	Min. Wheel Diameter	Max. Wheel Diameter	Frame Size (W x D X H)	Operating Pressure	G.W.
HW93693	10 Ton	Floor Level	24"	24"	19.5"	24.5"	41-9/16" X 44-1/4" X 53-1/4"	160 PSI	1,234 Lbs.

HW93300 SERIES - MANUAL OR AIR

25 Ton Shop Press

- Frames made in the USA

Made in **USA**

- Excellent for bending, bonding, or straightening applications
- Ideal for the removal or installation of gears, universal joints, pulleys, wrist pins, and other press jobs
- Industrial grade hydraulics

Includes hand winch for easy bed adjustments

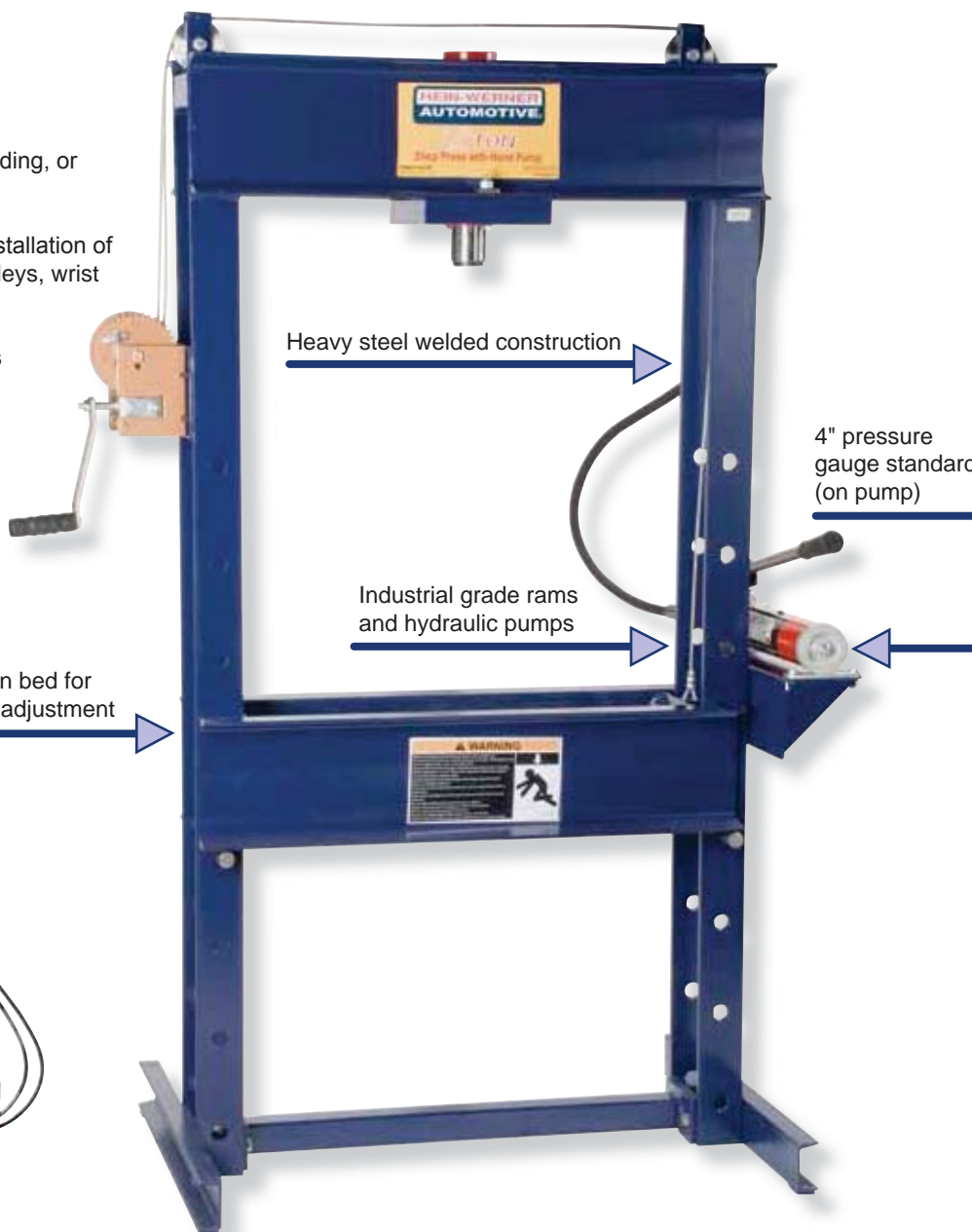
Multi-position bed for work height adjustment

Heavy steel welded construction

Industrial grade rams and hydraulic pumps

4" pressure gauge standard (on pump)

Optional Shop Press Guard HW93325



Model	Capacity	Stroke	Pump Type	Press Size (H x W x L)	Interior Width	Bed Depth	Bed Position	Channel Width	Working Height	G.W.
HW93300	25 Ton	6"	Manual	71" x 42-3/4" x 29-3/4"	29-3/4"	11-1/2"	8	6-3/4"	5-1/2" ~ 47-1/2"	484 Lbs.
HW93301			Air							487 Lbs.

HW93400 SERIES - MANUAL, AIR OR ELECTRIC

55 Ton Shop Press

- Frames made in the USA

Made in USA

- Excellent for bending, bonding, or straightening applications

- Ideal for the removal or installation of gears, universal joints, pulleys, wrist pins, and other press jobs

- Industrial grade hydraulics



Optional Shop Press Guard
HW93425



Model	Capacity	Stroke	Pump Type	Press Size (H x W x L)	Interior Width	Bed Depth	Bed Position	Channel Width	Working Height	G.W.
HW93400	55 Ton	6"	Manual	80-1/2" x 53" x 30"	35-1/2"	14-7/8"	9	9-1/4"	7-1/2" ~ 55-1/2"	855 Lbs.
HW93401			Air							850 Lbs.
HW93402			Electric							916 Lbs.
HW93403		13"	Air							891 Lbs.
HW93404			Electric							948 Lbs.

HW93410 SERIES - MANUAL, AIR OR ELECTRIC

55 Ton Rolling Head Shop Press

- Frames made in the USA

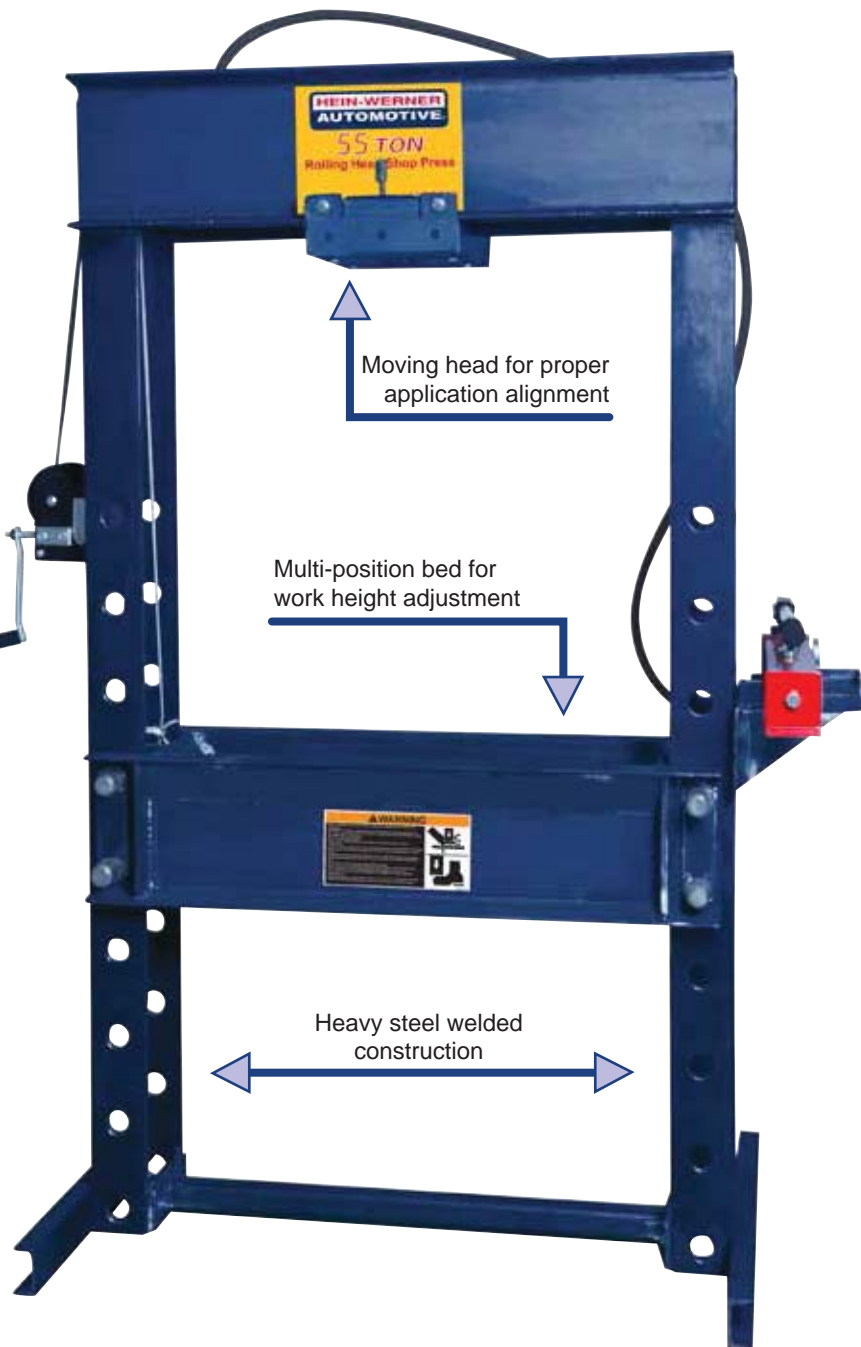
Made in **USA**

- Excellent for bending, bonding, or straightening applications
- Ideal for the removal or installation of gears, universal joints, pulleys, wrist pins, and other press jobs
- Industrial grade hydraulics

Includes hand
winch for easy
bed adjustments



Optional Shop
Press Guard
HW93425



Moving head for proper
application alignment

Multi-position bed for
work height adjustment

Heavy steel welded
construction

Model	Capacity	Stroke	Pump Type	Press Size (H x W x L)	Interior Width	Bed Depth	Bed Position	Channel Width	Working Height	G.W.
HW93410	55 Ton	6"	Manual	80-1/2" x 53" x 30"	35-1/2"	14-7/8"	9	9-1/4"	7-1/2" ~ 55-1/2"	855 Lbs.
HW93411			Air							850 Lbs.
HW93412			Electric							916 Lbs.
HW93413		13"	Air							891 Lbs.
HW93414			Electric							948 Lbs.
HW93415 (Double Acting)			Electric							948 Lbs.

HW93405 DOUBLE ACTING 55 Ton Shop Press



- Frames made in the USA

Made in **USA**

- Excellent for bending, bonding, or straightening applications
- Ideal for the removal or installation of gears, universal joints, pulleys, wrist pins, and other press jobs
- Industrial grade hydraulics

Optional Shop Press Guard
HW93425



Model	Capacity	Stroke	Pump Type	Press Size (H x W x L)	Interior Width	Bed Depth	Bed Position	Channel Width	Working Height	G.W.
HW93405	55 Ton	13"	Electric	80-1/2" x 53" x 30"	35-1/2"	14-7/8"	9	9-1/4"	7-1/2"~55-1/2"	968 Lbs.

HW93610

100 Ton Shop Press

- Frames made in the USA

Made in **USA**

- Excellent for bending, bonding, or straightening applications
- Ideal for the removal or installation of gears, universal joints, pulleys, wrist pins, and other press jobs

Includes hand winch for easy bed adjustments

Multi-position bed for work height adjustment

4" pressure gauge standard

Heavy steel welded construction

Optional Shop Press Guard HW93625



Model	Capacity	Stroke	Pump Type	Press Size (H x W x L)	Interior Width	Bed Depth	Bed Position	Channel Width	Working Height	G.W.
HW93610	100 Ton	10"	Electric	89" x 63" x 30"	35-1/2"	16-1/4"	6	10-1/4"	12" ~ 52"	1,221 Lbs.



HW93309 25 Ton Shop Press Accessories Kit

Made in **USA**

Accessories kit contains

- Ram forcing cap (300-002-229)
- V push adapter (300-002-807)
- Threaded adapter (300-002-953)
- 1" push adapter (300-002-511)
- 3/4" push adapter (300-002-510)
- Arbor plates (AP25)
- Bearing Separators
- G.W. 38 Lbs..



HW93409 55 Ton Shop Press Accessories Kit

Made in **USA**

Accessories kit contains

- Ram forcing cap (400-002-230)
- V Push adapter (400-002-808)
- Threaded adapter (400-002-368)
- 1-1/2" push adapter (400-002-757)
- 1-1/4" push adapter (400-002-756)
- Arbor plates (AP55)
- Bearing Separators
- G.W. 79 Lbs..



HW93291 1 Quart Premium Jack Oil

HW93294 1 Gallon Premium Jack Oil

Model Number	Volume	Viscosity Index	Viscosity @ 100°F (S.U.S.)	Viscosity @ 210°F (S.U.S.)	ISO Grade	Flash Point	Pour Point	API Gravity
HW93291	1 Quart	93 min.	65	35	10	405 °F	-59 °F	25.5
HW93294	1 Gallon							



Omni™ Multidirectional Bottle Jacks



Unlike ordinary bottle jacks, the Omni™ Bottle Jack is capable of operating vertically and horizontally!



16123B
12 Ton Capacity

Will operate at vertical or horizontal position

Machined and polished cylinders provide non-abrasive leak-free, durable performance

Hydraulic system is protected from internal damage by a by-pass mechanism U.S. Patent No.5,946,912

Attached with multi-directional lifting apparatus, by U.S. Patent, which operates at any working position



Model	Capacity	Minimum Height	Maximum Height	Hydraulic Lifting	Extension. Screw	Base Size Length	Base Size Width	G.W.
16123B	12 Ton	9-1/2"	18-5/8"	6"	3-1/8"	6"	5-3/8"	18 Lbs.
16203B	20 Ton					6-3/8"	5-7/8"	28 Lbs.



In-Line Bottle Jacks

Heat-treated extension screw allows low pick-up height adjustment and maximum lift height

A built-in by-pass device protects hydraulic system from over pumping damage, U.S. Patent No.5,946,912

In-line pump allows for easy jack positioning under load

A wide, rugged base provides stability and strength

Unique cross-type forged release valve assures positive control



10128
12 Ton Capacity



10208
20 Ton Capacity



10120
12 Ton Capacity

Model	Capacity	Minimum Height	Maximum Height	Hydraulic Lifting	Extension Screw	Base Size Length	Base Size Width	G.W.
10120	12 Ton	9-1/2"	18-5/8"	6"	3-1/8"	7"	4-1/4"	19-1/2 Lbs.
10128		6"	10-3/4"	3-1/8"	1-5/8"			15 Lbs.
10200	20 Ton	9-1/2"	18-5/8"	6"	3-1/8"	7-3/4"	5"	27 Lbs.
10208		6-1/2"	11-1/4"	3-1/8"	1-5/8"			22 Lbs.



Side Pump Bottle Jacks



Model	Capacity	Minimum Height	Maximum Height	Hydraulic Lifting	Extension Screw	Base Size Length	Base Size Width	G.W.
10025B	2 Ton	7-1/4"	13-3/4"	4-3/8"	2-1/8"	3-7/8"	3-5/8"	7 Lbs.
10045B	4 Ton	8-1/8"	15-1/2"	5"	2-3/8"	4-1/4"	3-7/8"	9 Lbs.
10065B	6 Ton	8-1/2"	16-7/8"	5-1/4"	3-1/8"	4-1/2"	4"	12 Lbs.
10085B	8 Ton	8-7/8"	17-5/8"	6"	2-3/4"	4-3/4"	4-5/8"	14 Lbs.
10125B	12 Ton	9-1/2"	18-5/8"	6"	3-1/8"	6"	5-3/8"	18 Lbs.
10129B		6"	10-5/8"	3"	1-5/8"			14 Lbs.
10205B	20 Ton	9-1/2"	18-5/8"	6"	3-1/8"	6-3/8"	5-7/8"	28 Lbs.
10209B		6-1/2"	11-1/4"	3-1/8"	1-5/8"			21 Lbs.
10300	30 Ton	11"	18"	7"	N/A	8-1/8"	6-7/8"	56 Lbs.
10500	50 Ton	9-1/2"	13-7/8"	4-3/8"		10-3/4"	7-5/8"	103-1/2 Lbs.



Toe Jacks

Chrome plated ram guarantees longer seal life and optimum performance

Hydraulic system is protected from internal damage by a patented by-pass mechanism, U.S. Patent No.5,946,912

Rotating pumping socket for multi-directional use

Dual lift points

(in back)

Heat-treated medium-carbon steel cylinder



13120
6 Ton Capacity



13200
10 Ton Capacity

Model	Capacity	Minimum Toe Height	Maximum Toe Height	Minimum Head Height	Maximum Head Height	Hydraulic Lifting	Base Size Length	Base Size Width	G.W.
13060	3 Ton	5/8"	5-3/4"	9"	14-1/8"	5-1/8"	6"	7-1/2"	37-1/2 Lbs.
13120	6 Ton	7/8"	6"	10-1/2"	15-5/8"		11"	7-1/2"	57-1/2 Lbs.
13200	10 Ton	1-1/8"	6-1/4"	11"	16-1/8"		7-1/2"	9-1/4"	87 Lbs.



Air Actuated Bottle Jacks

Effortless air operation will greatly reduce operator fatigue and speed up the efficiency of garage work

U.S. Patent No. 5,946,912, a built-in by-pass device protects hydraulic system from over pumping damage

All air bottle jacks have chrome plated rams

A compact yet powerful Air Turbo Motor U.S. Patent No. 5,341,723 is equipped to raise the load to the desired height efficiently, effortlessly, and safely

18204C
20 Ton Capacity

18204C & 18202C is made with welded construction which eliminates contaminants from entering hydraulic system and provides leak free operation.

18126C & 18206C
Equipped with external return springs.

Versatile "Quick Connector" design provides for easy removal of air hose from air motor allowing compact storage or remote operation



18202C
20 Ton Capacity



18206C
20 Ton Capacity



18302C
30 Ton Capacity



18502
50 Ton Capacity



18992
100 Ton Capacity

Model	Capacity	Minimum Height	Maximum Height	Hydraulic Lifting	Extension. Screw	Base Size Length	Base Size Width	G.W.
18126C	12 Ton	9-5/8"	18-7/8"	3-1/8"	6"	8-1/8"	5-7/8"	27 Lbs.
18122C		9-1/2"	18-1/2"	5-1/2"	3-1/2"	8"	6-1/2"	29 Lbs.
18202C	20 Ton	9-3/4"	18-3/4"	5-1/8"	3-7/8"	8-1/2"	7-1/4"	40 Lbs.
18206C		9-5/8"	18-7/8"	3-1/8"	6"	9"	6-3/4"	37 Lbs.
18204C		9-3/4"	18-3/4"	5-1/8"	3-7/8"	8-1/2"	7-1/8"	37 Lbs.
18209C		8-1/8"	15-1/2"	4"	3-3/8"	8-1/2"	7-1/4"	37 Lbs.
18302C	30 Ton	11"	18-1/8"	7-1/8"	N/A	10-1/4"	8-1/4"	63 Lbs.
18502	50 Ton	12"	19"	7"		10-7/8"	7-3/8"	134-1/2 Lbs.
18992	100 Ton	12"	18-1/8"	6-1/8"		12-5/8"	9-3/8"	220-1/2 Lbs.



Jack Pad

Provides stable surface for
bottle and air bottle jacks
20 ton capacity
Lightweight
Non-skid surface



Model	Capacity	Dimensions (L X H X W)	G.W.
90020	20 Ton	12" X 12" X 1"	5 Lbs..

Motorcycle/ ATV Jack

Tie down strap included

Foot pedal operated
power unit

Non-slip foot pedal allows
effortless lifting of load

Rubber padded lifting
platform prevents scratching
and protects your machine

Safety lock mechanism
for supporting purpose



Model	Capacity	Minimum Height	Maximum Height	Base Size Length	Base Size Width	G.W.
49155	1,100 Lbs.	4-1/2"	16-1/2"	34-7/8"	33-1/2"	96 Lbs..



Service Jacks



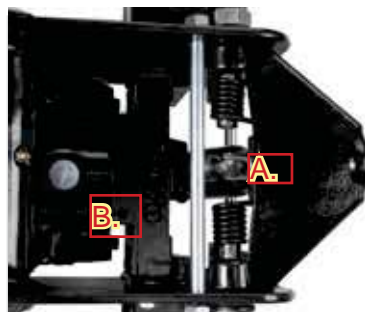
After the first pump reaches the lifting point, the jack continues with extraordinary lifting speed to raise the load to the desired height

Innovative Magic Lift design offers a quick lift for professional performance, U.S. Patent No. 5,755,099

Built-in by-pass device protects hydraulic system from over pumping damage
U.S. Patent No. 5,946,912

Rolled side frame adds strength and rigidity to reduce twisting

Heavy gauge construction with rugged universal joint release valve



A. Universal joint release mechanism provides precision control of load descent in any handle position

B. Exclusive designed breather plug eliminates air in the hydraulic system, optimizing jack performance, U.S. Patent No. 6,318,401

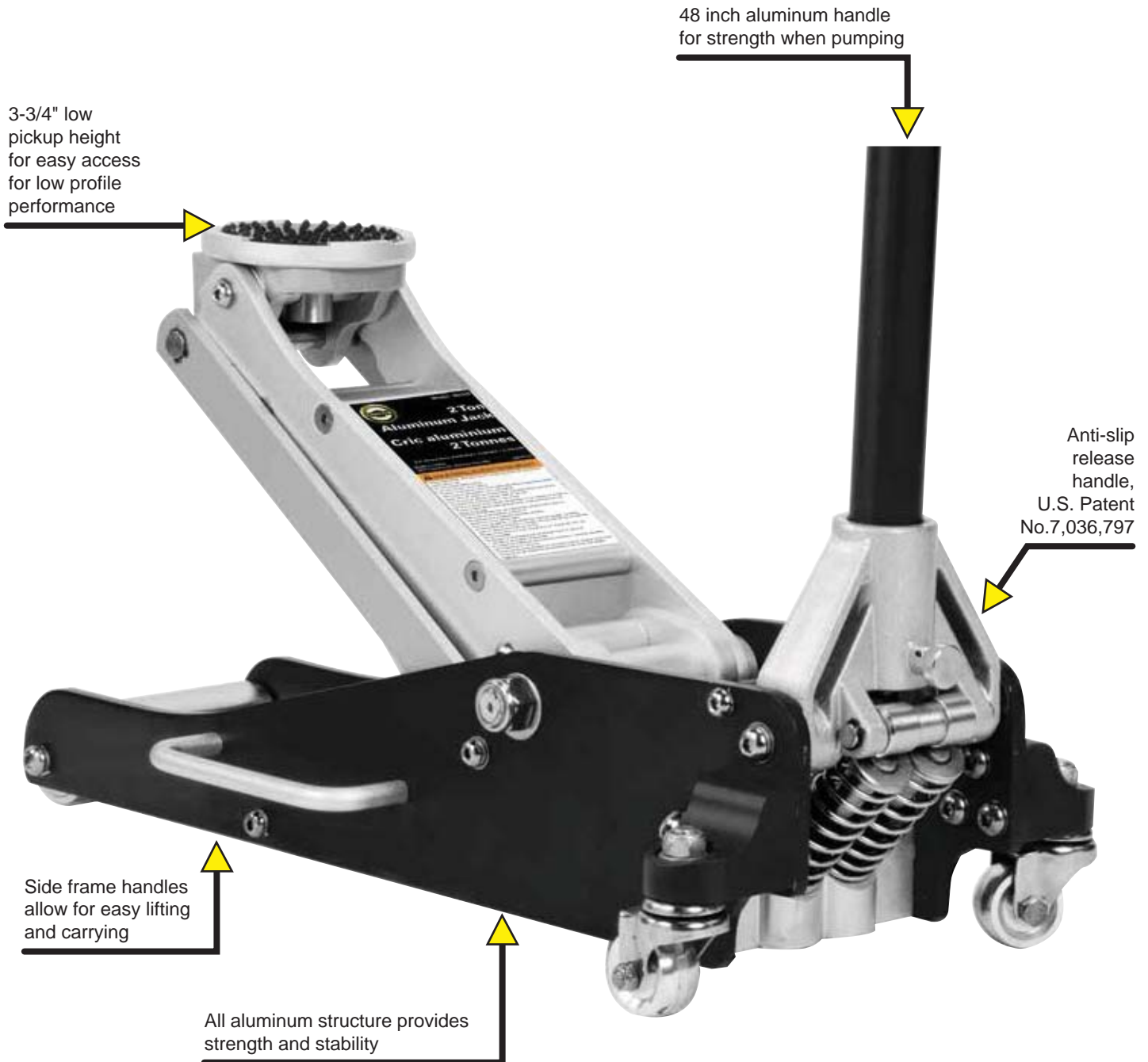


Model	Capacity	Minimum Height	Maximum Height	Handle Length	Saddle Diameter	Jack Size Length	Jack Size Width	Jack Size Height	G.W.
27025	2-1/2 Ton	4"	20-1/4"	49-7/8"	5-1/2"	29-3/8"	14-7/8"	7-1/4"	96-1/2 Lbs.
27026*									90 Lbs.
27035	3-1/2 Ton		21-5/8"		4-3/4"	30-7/8"			106-1/2 Lbs.
27036*									100 Lbs.
25037*	3 Ton		23"		5-1/2"	31-7/8"	15-3/8"	7-3/8"	120-1/2 Lbs.

*one piece handle



Aluminum Jack



Model	Capacity	Minimum Height	Maximum Height	Handle Length	Saddle Diameter	Jack Size Length	Jack Size Width	Jack Size Height	G.W.
26022	2 Ton	3-1/2"	17-3/4"	47-1/4"	4-1/2"	27"	11-3/4"	6-1/2"	43 Lbs.



Magic Lift™

High Lift Service Jack



Heavy gauge construction with rugged universal joint release valve

A built-in by-pass device protects hydraulic system from over pumping damage, U.S. Patent No.5,946,912

Metered release system allows for precise load control

After the first pump reaches the lifting point, the jack continues with extraordinary lifting speed to raise the load to the desired height

Innovative Magic Lift design offers a quick lift for professional performance, U.S. Patent No.5,755,099



Model	Capacity	Minimum Height	Maximum Height	Handle Length	Saddle Diameter	Jack Size Length	Jack Size Width	Jack Size Height	G.W.
25023	2 Ton	4"	32-1/8"	41-3/8"	5-1/2"	41-1/8"	15-3/8"	8"	164 Lbs.

Magic Lift™

Low Profile Service Jack

2-1/2" Low-profile design for maximum access which fits easily and safely under vehicle

Extra long low side frames designed for long reach under the car chassis

Universal joint release mechanism provides precision control of load descent in any handle position

Wide stance and low center of gravity provides optimum stability under load stress

A built-in by-pass device protects hydraulic system from over pumping damage, U.S. Patent No.5,946,912



Model	Capacity	Minimum Height	Maximum Height	Handle Length	Saddle Diameter	Jack Size Length	Jack Size Width	G.W.
29023	2 Ton	2-1/2"	20"	52"	4-7/8"	42-1/2"	13-3/4"	122 Lbs.
29025			19-5/8"			30"	13-5/8"	91 Lbs.



Innovative Magic Lift design offers a quick lift for professional performance, U.S. Patent No. 5,755,099



Heavy gauge side frames resist twisting

A built-in by-pass device protects hydraulic system from over pumping damage, U.S. Patent No. 5,946,912

MagicLift™

Service Jack

HANDLE



The Handle connection is specially reinforced to be as firm as the one piece handle

Model	Capacity	Minimum Height	Maximum Height	Handle Length	Saddle Diameter	Jack Size Length	Jack Size Width	Jack Size Height	G.W.
25030B	3 Ton	5-3/4"	20"	42-1/8"	5-1/2"	27-1/2"	13-3/8"	6-3/8"	87 Lbs.

Innovative Magic Lift design offers a quick lift for professional performance, U.S. Patent No. 5,755,099



Packed in one box for easy storage and delivery

A built-in by-pass device protects hydraulic system from over pumping damage, U.S. Patent No. 5,946,912

MagicLift™

Service Jack Combo

Wide solid stance for extra stability

Steel frame construction for added strength

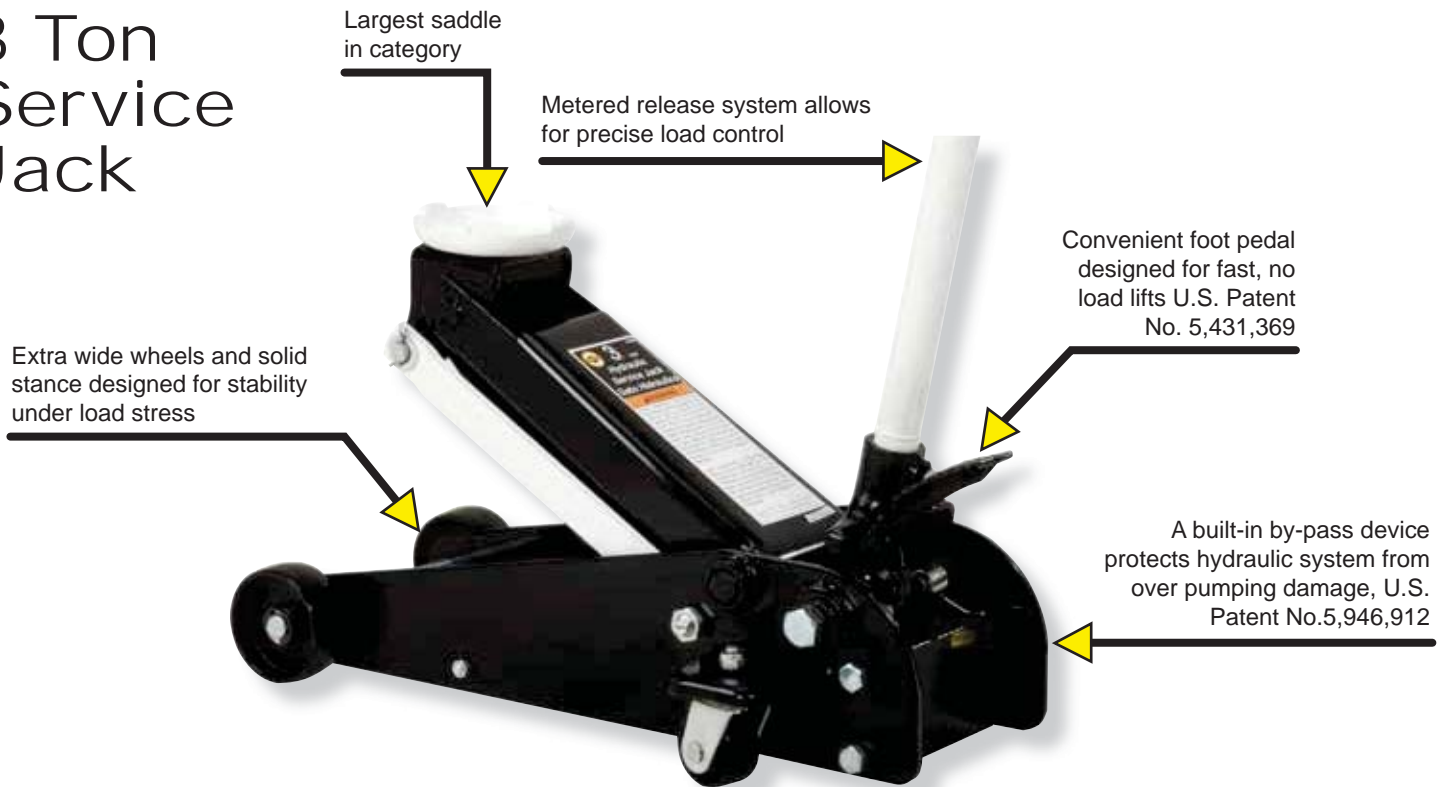


Model	Capacity (per pair)	Minimum Height	Maximum Height	Saddle Size	Base Size (L X W)	G.W. (pair)
32035B Jack Stands	3 Ton	11-1/2"	17"	3-1/2" X 1"	6-3/4" X 7-3/4"	16 Lbs.

Model	Capacity	Minimum Height	Maximum Height	Handle Length	Saddle Diameter	Jack Size Length	Jack Size Width	Jack Size Height	G.W.
25033 Service Jack	3 Ton	5-1/4"	20-7/8"	42-1/8"	5"	27-1/8"	13-3/8"	6-3/4"	98 Lbs.



3 Ton Service Jack



Model	Capacity	Minimum Height	Maximum Height	Handle Length	Saddle Diameter	Jack Size Length	Jack Size Width	Jack Size Height	G.W.
21030B	3 Ton	5-1/4"	19"	42-1/8"	5"	27-1/2"	13-3/8"	6-3/8"	87 Lbs.

2 Ton Service Jack



Model	Capacity	Minimum Height	Maximum Height	Handle Length	Saddle Diameter	Jack Size Length	Jack Size Width	Jack Size Height	G.W.
21022	2 Ton	5-1/2"	18-1/4"	7-2/3"	5"	27"	13-1/2"	6-1/4"	72.6 Lbs.



Air/ Manual Hydraulic Service Jack

Safety by-pass and over-load systems protect hydraulics, U.S. Patent No. 5,946,912

Handle actuated release valve provides metered release at any desired lowering speed

Fingertip air actuated remote control allows for added safety and efficiency without sacrificing the manual operation of the jack.

High speed Air Turbo Motor U.S. Patent No. 5,341,723 is equipped to raise the load to the desired height efficiently, effortlessly and safely.

Model	Capacity	Minimum Height	Maximum Height	Handle Length	Saddle Diameter	Jack Size Length	Jack Size Width	Jack Size Height	G.W.
21032	3 Ton	5-1/4"	19"	42-1/8"	5"	30"	14-5/8"	6-3/8"	96.8 Lbs.



Long Chassis Service Jacks

Heavy gauge, steel frame helps prevent distortion and twisting

Safety by-pass and over-load systems protect hydraulics, U.S. Patent No. 5,946,912

Convenient foot pedal designed for fast, no load lifts.

Innovative Magic Lift™ design offers a quick lift for professional performance, U.S. Patent No. 5,755,099

Model	Capacity	Minimum Height	Maximum Height	Handle Length	Saddle Diameter	Jack Size Length	Jack Size Width	Jack Size Height	G.W.
25048C	4 Ton	5"	24"	40-5/8"	5	50-5/8"	15-1/2"	7-1/2"	172 Lbs.
25057	5 Ton	6-1/2"	22-1/4"	40"	6-1/2"	52-1/2"	17-1/8"	7-1/4"	201 Lbs.
25107	10 Ton	6-7/8"	27"	45-7/8"	6-1/2"	55-7/8"	19-5/8"	9-5/8"	341 Lbs.



Long Chassis Service Jacks

Handle actuated release valve provides metered control at any desired lowering speed

Heavy gauge, steel frame helps prevent distortion and twisting

Convenient foot pedal designed for fast, no load lifts



Wide stance and low center of gravity provides optimum stability under load stress



A built-in by-pass device protects hydraulic system from over pumping damage, U.S. Patent No.5,946,912

Model	Capacity	Minimum Height	Maximum Height	Handle Length	Saddle Diameter	Jack Size Length	Jack Size Width	Jack Size Height	G.W.
22040C	4 Ton	5"	24"	40-5/8"	5-1/2"	50-5/8"	15-3/8"	7-1/2"	156 Lbs.
22050C	5 Ton	5-3/8"	27"		6-1/2"	51-7/8"	17"	7-5/8"	233 Lbs.
22100C	10 Ton				7-3/8"	54-3/4"	20"	12-3/4"	427 Lbs.

High speed Air Turbo Motor is equipped to raise the load to the desired height efficiently, effortlessly and safely, U.S. Patent No. 5,341,723

Air Actuated Long Chassis Service Jacks

Uses
Standard Shop Air!
[110-175 PSI pressure]



Convenient foot pedal designed for fast, no load lifts.

A built-in by-pass device protects hydraulic system from over pumping damage, U.S. Patent No.5,946,912

Model	Capacity	Minimum Height	Maximum Height	Handle Length	Saddle Diameter	Jack Size Length	Jack Size Width	Jack Size Height	G.W.
22041C	4 Ton	5"	24"	40-5/8"	5-1/2"	50-5/8"	15-3/8"	7-1/2"	159 Lbs.
22051C	5 Ton	5-3/8"	27"		6-1/2"	57-3/4"	17"	7-5/8"	230 Lbs.
22101C	10 Ton				7-3/8"	54-3/4"	20"	12-3/4"	441 Lbs.
22201	20 Ton	7-1/2"	26"	49-1/2"	6-1/8"	62-1/4"	20-3/8"	11-3/4"	540 Lbs.
22203		13"	39-5/8"	49-1/2"	6-1/8"	74"	20-3/8"	14-3/8"	728 Lbs.



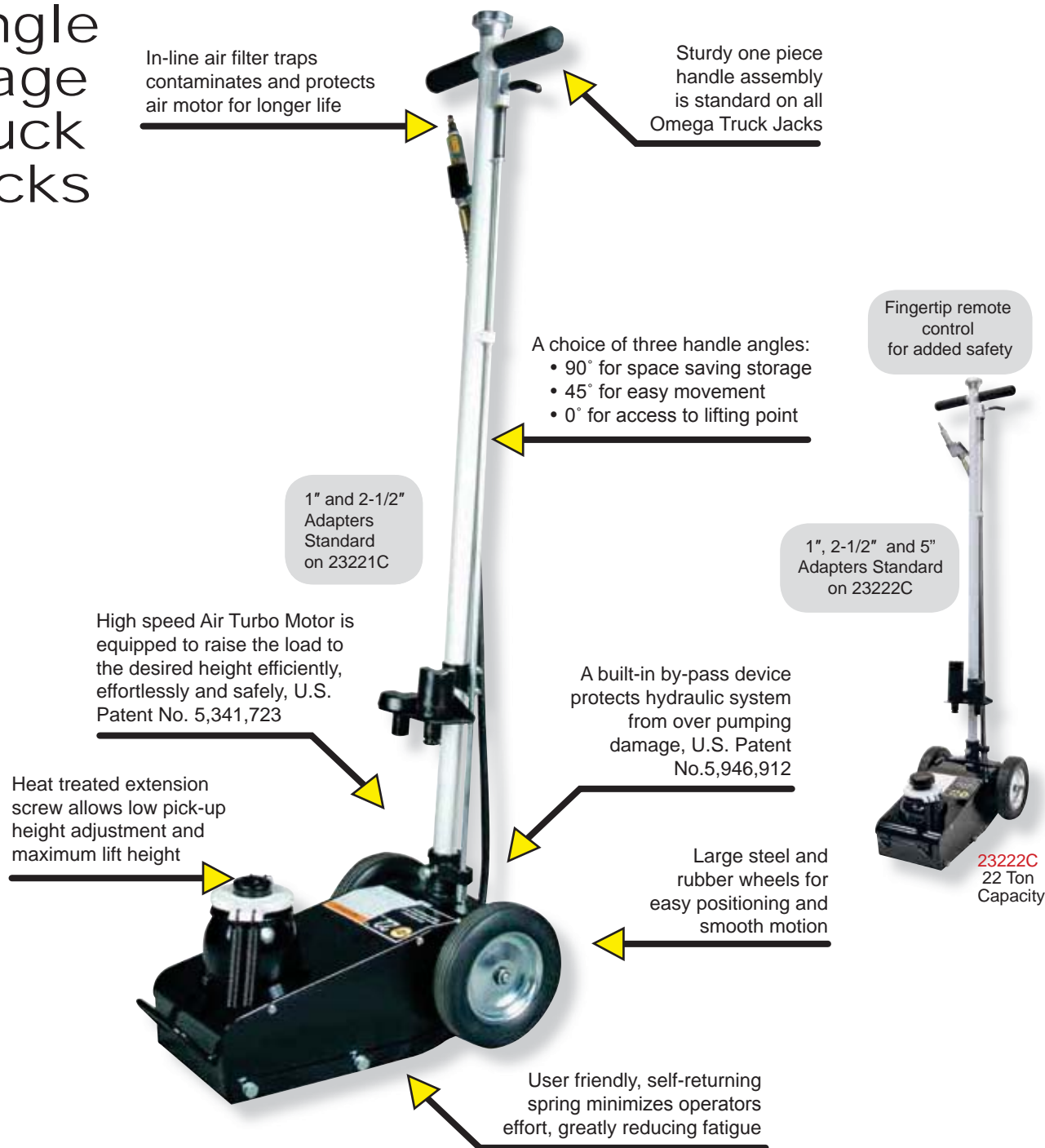
Floor Style Transmission Jacks



Model	Capacity	Minimum Height	Maximum Height	Handle Length	Saddle Base	Expanded Saddle Area	Jack Size (L X W)	G.W.
41100C	1/2 Ton	9"	24-3/4"	22-1/2"	12-5/8" X 7-7/8"	17" X 9-1/4"	28-3/4" X 15"	106 Lbs.
42000C	1 Ton	7-7/8"	33-1/2"		14-1/8" X 7-7/8"	17" X 15-3/4"	39-3/8" X 19-1/8"	200 Lbs.
43000	1-1/2 Ton		37-1/4"	29-1/2"	18-7/8" X 10-5/8"	24-7/8" X 19"	46-3/4" X 25-5/8"	364 Lbs.



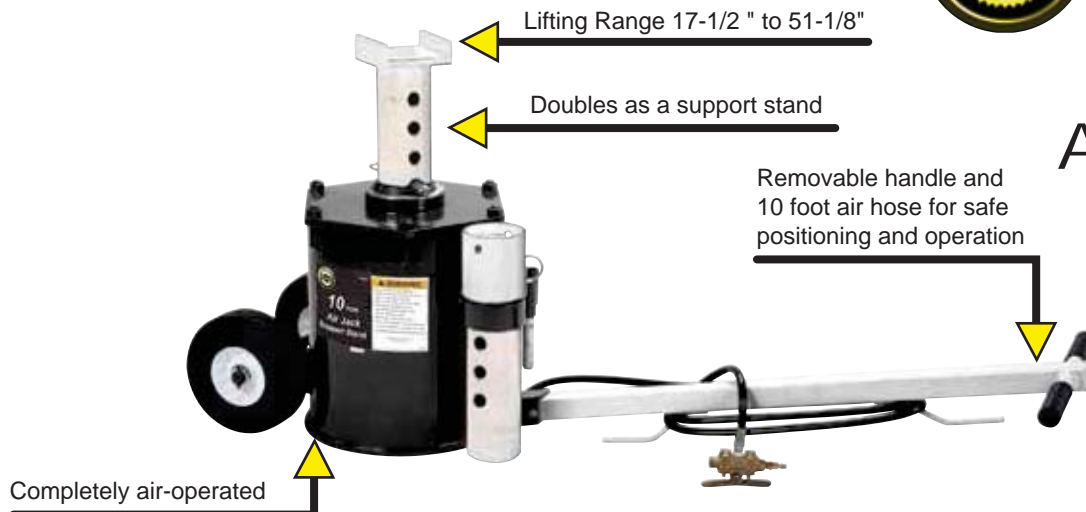
Single Stage Truck Jacks



Model	Capacity	Minimum Height	Maximum Height with adapter	Extension Screw	Handle Length	Jack Size (L X W)	G.W.
23221C	22 Ton	9-3/4"	23-5/8"	3-7/8"	47-3/8"	22" X 12-5/8"	100 Lbs.
23222C		8-1/2"	22"			21-1/2" x 12-1/2"	95 Lbs.
23301C	30 Ton	11"	18"	N/A	40-7/8"	22-7/8" X 13-3/4"	100 Lbs.
23501	50 Ton	12"	19"		40-7/8"		152 Lbs.
23991	100 Ton		18-1/8"		40-7/8"	26" X 15-3/4"	253 Lbs.



10 Ton Air Jack



Model	Capacity	Starting Height	Maximum Lift Height	Power Travel	Jack Size (L X W)	Rated Capacity Air Pressure
34100	10 Ton	17-1/2" to 40"	51-1/8"	11-1/2"	22" x 12" x 17"	200 psi

Dual Stage Truck Jack



Model	Capacity	Minimum Height	Maximum Height with Adapter	Extension Screw	Handle Length	Jack Size (L X W)	G.W.
23227	35/22 Ton	8-1/8"	19-5/8"	3-1/8"	40-7/8"	21-5/8" X 13-7/8"	102-1/2 Lbs.



Transmission Jacks

Adjustable saddle for quick adjustment for most pan configurations

41003
1/2 Ton Capacity

42003
1 Ton Capacity

Chrome-plated rams maximize its high reach - Operated by a user-friendly foot pedal

40700
700 Lbs.. Capacity

Extra-wide base lowers center of gravity and promotes stability

Rugged steel wheels and full swivel ball bearing casters

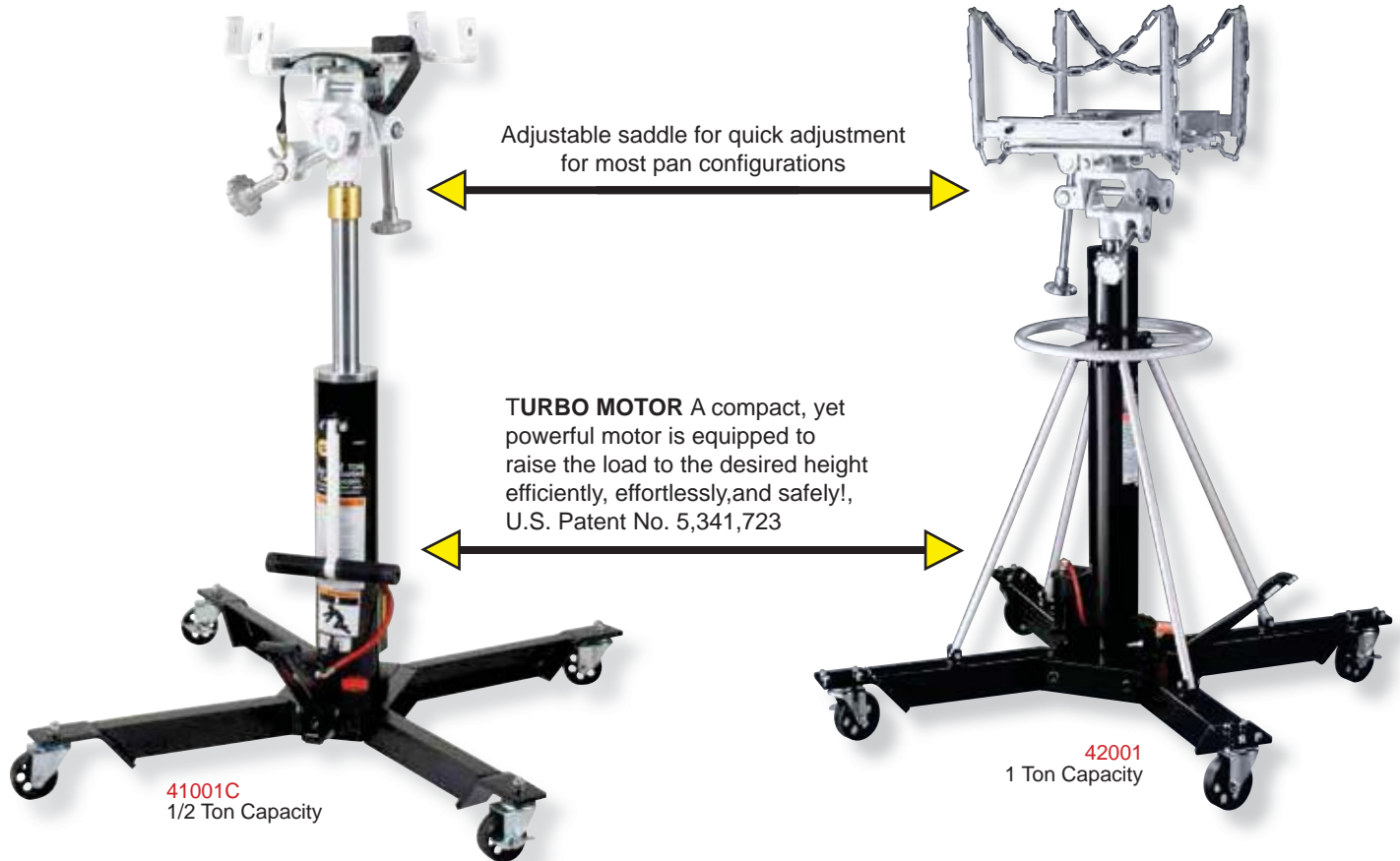
41000C
1/2 Ton Capacity

A unique foot release pedal provides controlled lowering of load

Model	Capacity	Minimum Height	Maximum Height	Saddle Base	Exp. Saddle Area Min.	Exp. Saddle Area Max.	Jack Size (L X W)	G.W.
40700	700 Lbs..	57-1/4"	76-3/8"	9-7/8" X 9-7/8"	9-7/8" X 9-7/8"	18-7/8" X 18-7/8"	36-1/8" X 32-5/8"	129-1/2 Lbs.
41000C	1/2 Ton	37-3/4"	78-1/8"	11-1/2" X 11-1/2"	11-1/2" X 11-1/2"	23-3/8" X 21-1/8"	33-5/8" X 33-5/8"	161 Lbs.
41003		36"	73-1/8"	9-7/8" X 9-7/8"	9-7/8" X 9-7/8"	18-7/8" X 18-7/8"	34-1/2" X 34-3/8"	145 Lbs.
42003	1 Ton	48-5/8"	77-3/8"	13" X 13"	13" X 13"	24-1/2" X 18-7/8"	42-1/8" X 39-1/2"	290 Lbs.



Air Actuated Transmission Jacks



Fuel Tank Adapter



40080: Fuel Tank Adapter

Specifically designed to enable the telescopic transmission jack to be used in the removal and installation of fuel tanks (Available separately)

Model	Capacity	Air Pressure Required	Minimum Height	Maximum Height	Saddle Base	Expanded Saddle Area Minimum.	Expanded Saddle Area Max.	Jack Size (L X W)	G.W.
41001C	1/2 Ton	110-175 PSI	37-3/4"	78-1/8"	11-1/2" x 11-1/2"	11-1/2" x 11-1/2"	23-3/8" x 21-1/8"	33-5/8" x 33-5/8"	197 Lbs.
42001	1 Ton		48-5/8"	77-3/8"	13" x 13"	13" x 13"	24-1/2" x 18-7/8"	42-1/2" x 39-1/2"	294 Lbs.



Clutch Jack

Includes 1-3/4" and 2" spline standard

Patented splined shaft assembly for clutch support, U.S. Patent No.6,189,864

Spline rotates 360°, turns side to side and vertically tilts for precise clutch alignment

Accommodates 14" and 15-1/2" clutch assembly, removal, and installation for a one man operation



40501: Flywheel adapter
(Available separately)

4 swivel casters for easy maneuvering

Conveniently located release valve and 360° rotating pump handle allows precise alignment

Model	Capacity	Minimum Height	Maximum Height	Spline Diameter	Shaft Diameter	Jack Size (L X W)	G.W.
40500	500 Lbs..	16-1/2"	42"	1-3/4" & 2"	1"	44-1/2" X 22-1/2"	160 Lbs..

Forklift Jacks

Universal, serrated saddle positively grips load

Precision control of lifting and lowering functions

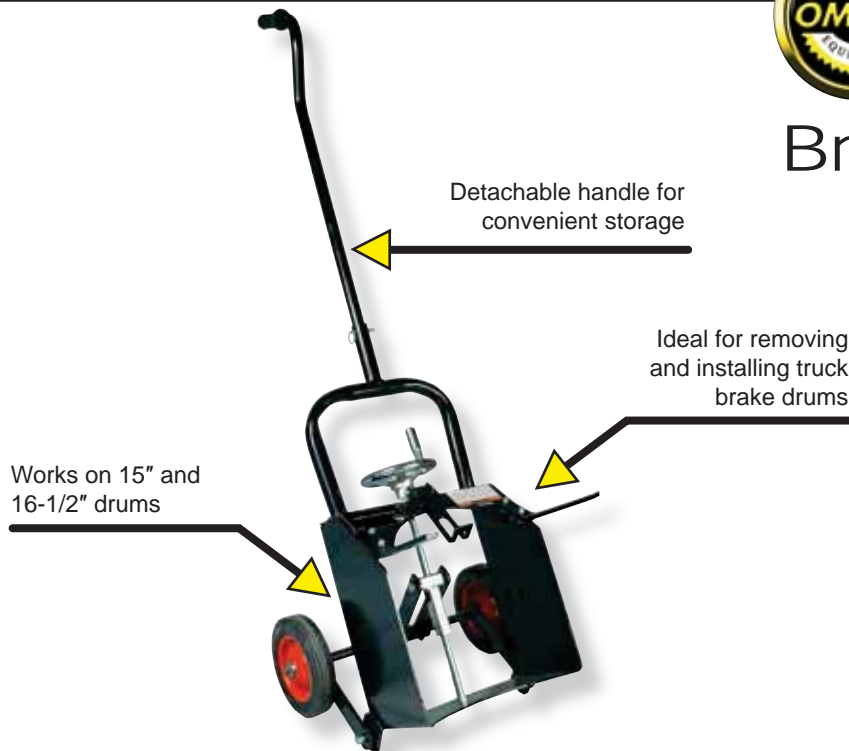
Massive side frames for added strength

TURBO MOTOR
A compact, yet powerful motor U.S. Patent No. 5,341,723 is equipped to raise the load to the desired height efficiently, effortlessly, and safely!

Model	Capacity	Minimum Height	Maximum Height	Handle Length	Jack Size (L X W)	Operating Pressure	G.W.
28045	4 Ton	2-1/8"	17-1/8"	29-1/2"	29-3/4" X 10"	N/A	91 Lbs.
28047						110-175 PSI	101-1/2 Lbs.



Brake Drum Handler



Model	Capacity	Product Size (L X W X H)	Low Lift Height	High Lift Height	Wheel Diameter	G.W.
46000	3/4 Ton	61-3/8" X 19-3/4" X 17-3/4"	10-5/8"	15"	7-7/8"	60 Lbs.

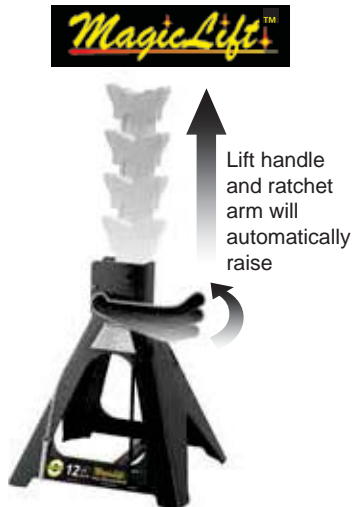
Wheel Dollies



Model	Capacity	Lifting Range	Lifting Arm Dimension	Tilt Range	Product Size (L X W X H)	G.W.
47050C	3/4 Ton	2-1/2" - 8-3/8"	27-1/2" X 26"	-2° - 5°	45-1/8" X 39-1/2" X 34-7/8"	193 Lbs.
47053		2-1/4" - 11"	25-7/8" X 25-1/4"	-2° - 5°	43-1/2" X 43" X 34-7/8"	151 Lbs.



Self-Rising Jack Stands

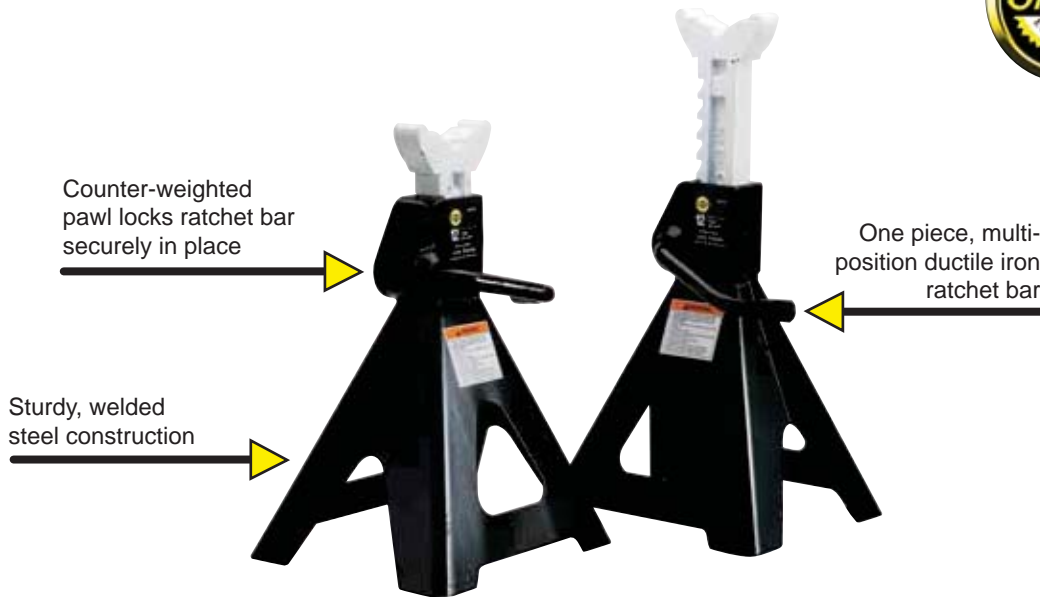


Model	Capacity (per pair)	Minimum Height	Maximum Height	Saddle Size	Base Size (L X W)	G.W. (pair)
32066	6 Ton	15-3/4"	24-3/8"	4-1/4" X 1-1/4"	9-3/4" X 11"	35-1/2 Lbs.
32126	12 Ton	19-7/8"	30-1/5"	4-1/2" X 1-4/5"	14-2/3" X 12-7/8"	82-1/2 Lbs.



Ratchet Style Jack Stands

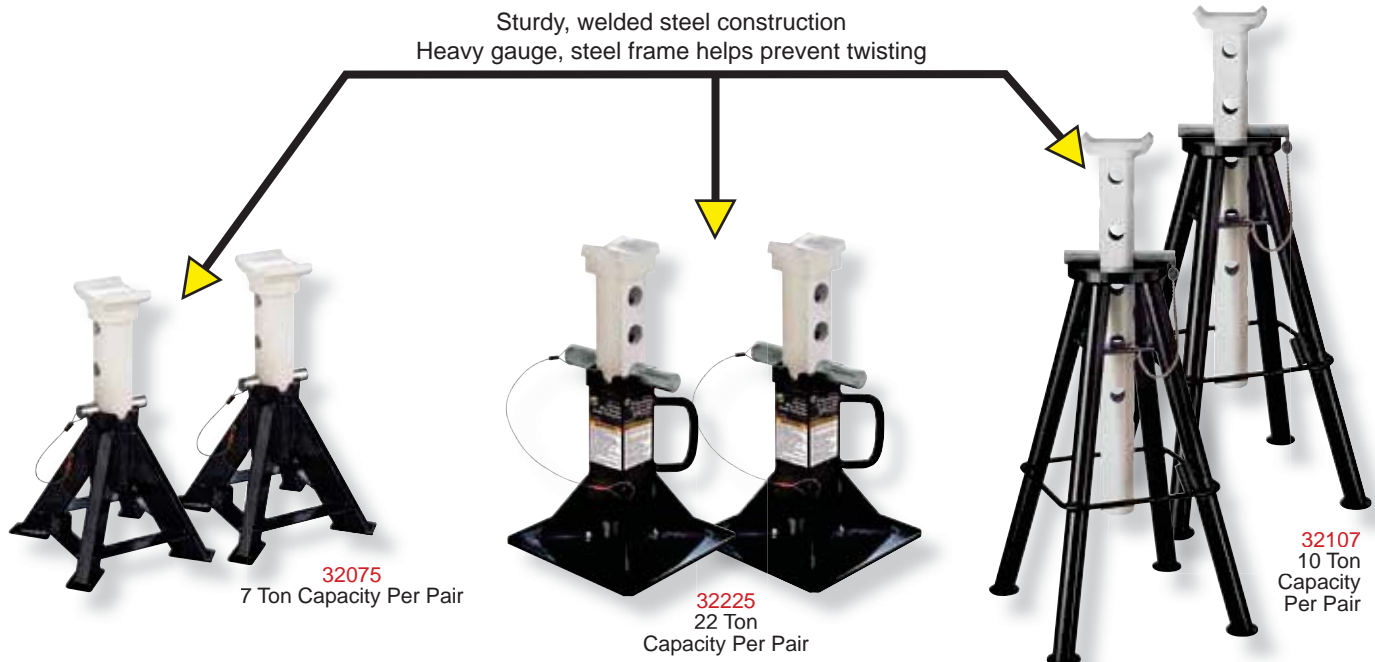
SOLD AND TO BE USED ONLY IN PAIRS



Model	Capacity (per pair)	Minimum Height	Maximum Height	Saddle Size	Base Size (L X W)	G.W. (pair)
32035B	3 Ton	11-1/2"	17"	3-1/2" X 1"	6-3/4" X 7-3/4"	16 Lbs.
32065B	6 Ton	15-3/8"	24-3/8"	4-3/8" X 1-1/4"	9-1/4" X 10-5/8"	34 Lbs.
32125B	12 Ton	17-1/2"	27-1/2"	4-5/8" X 1-1/2"	12" X 10-3/4"	61 Lbs.

Pin Style Jack Stands

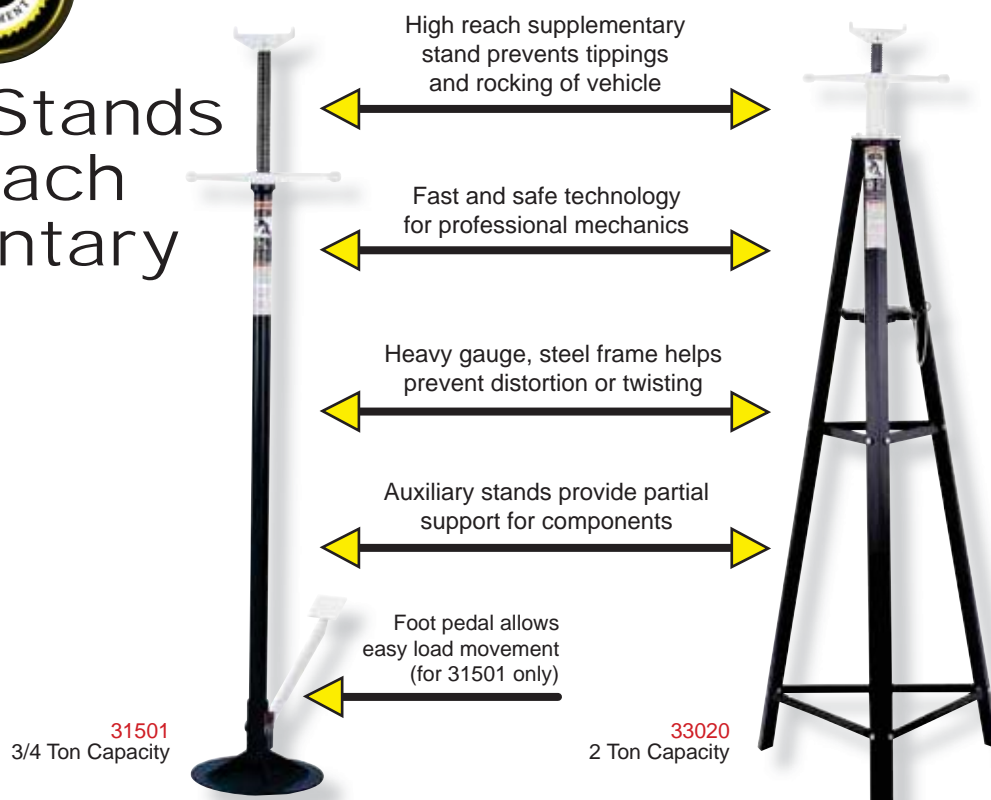
SOLD AND TO BE USED ONLY IN PAIRS



Model	Capacity (per pair)	Minimum Height	Maximum Height	Saddle Size	Base Size Width	G.W. (pair)
32075B	7 Ton	9-3/8"	14-1/8"	3-1/2" X 2-3/8"	8-3/4" X 8-3/4"	23 Lbs.
32105B	10 Ton	18-5/8"	30-1/2"	3-1/8" X 5"	16" X 16"	88 Lbs.
32107B	10 Ton	28"	47"	3-3/8" X 5"	16" X 16"	120 Lbs.
32225B	22 Ton	13-1/3"	19-2/3"	3-1/7" X 2-3/4"	9-5/6" X 9-5/6"	63 Lbs.



Auxiliary Stands & High Reach Supplementary Stand



Model	Capacity	Minimum Height	Maximum Height	Saddle Size	Base Size (L X W)	G.W.
31500	3/4 Ton	53-3/4"	78-7/8"	5-1/4" X 1-1/2"	12" Dia.	33 Lbs.
31501						40 Lbs.
33020	2 Ton	66-1/2"	75-3/4"		24" X 24" X 24"	54 Lbs.

Truck Ramps

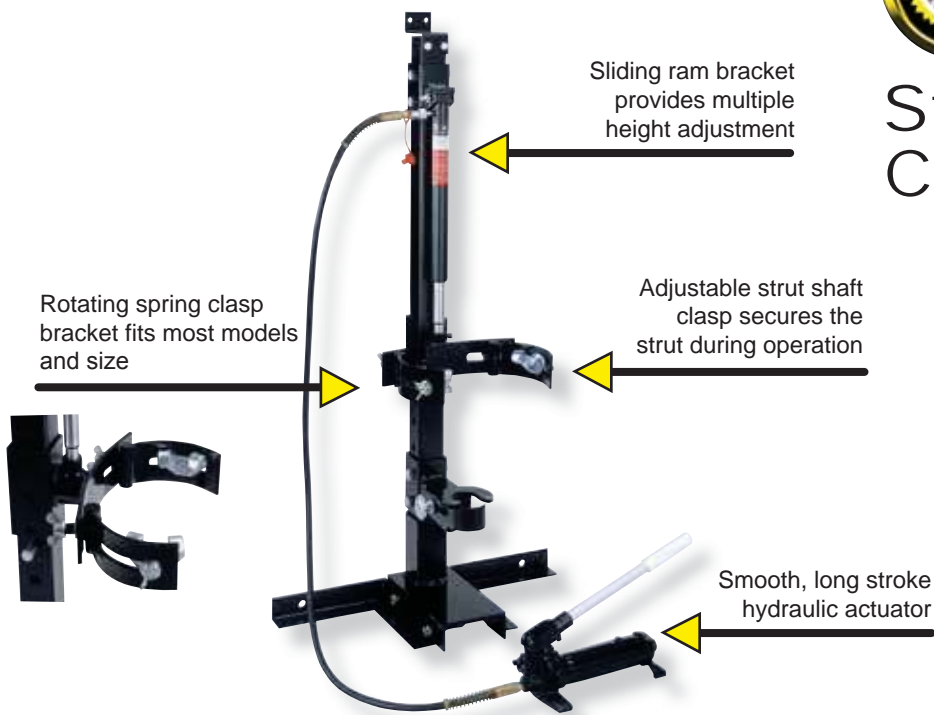
SOLD AND TO BE USED ONLY IN PAIRS



Model	Capacity (per pair)	Frame Size (L X W X H)	Handle Length	Maximum Vehicle Tire Width	G.W. (Pair)
93200	20 Ton	45-2/3" X 13-1/2" X 9-1/2"	33-6/7"	11-1/4"	134-1/2 Lbs.
93201		45-2/3" X 18-2/9" X 9-1/2"		16"	338 Lbs.



Strut Spring Compressor

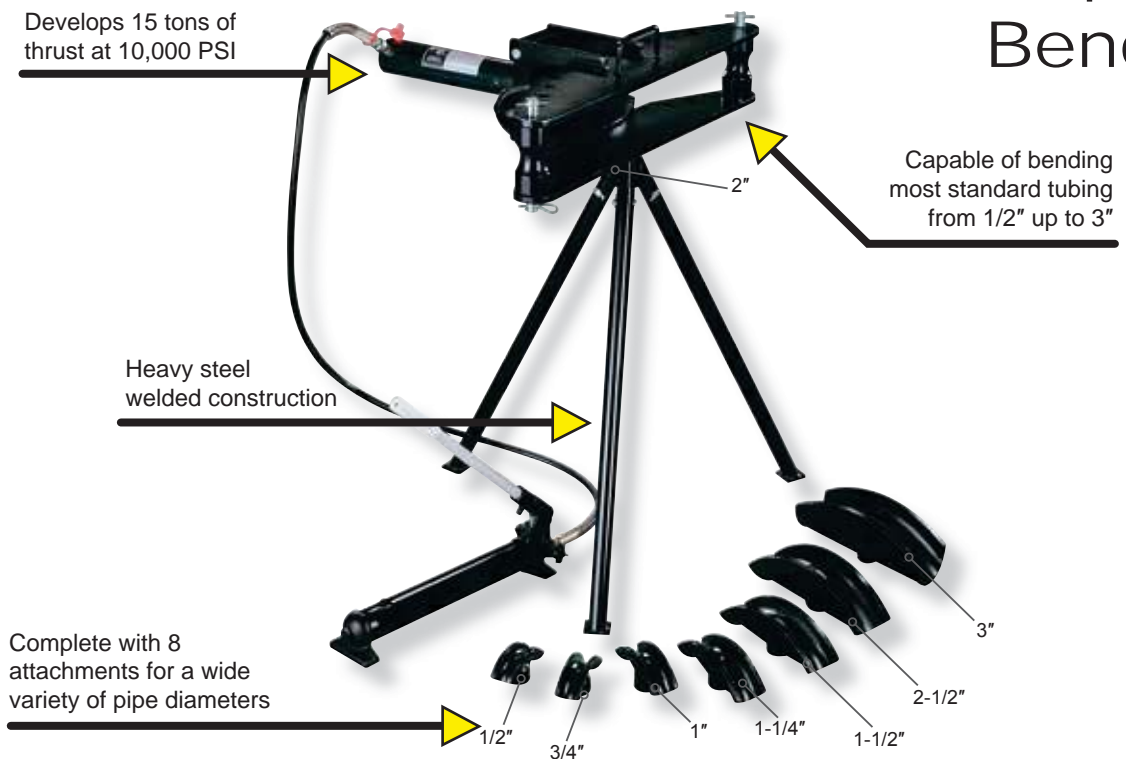


90001: Roll around leg assembly
(Available separately)

Optional leg assembly for easy maneuverability

Model	Ram Capacity	Hydraulic Stroke	Working Space	Strut Spring Dia. Range	Product Size (L X W X H)	G.W.
90000	4 Ton	10"	4-1/4"-15-1/2"	5"-9"	12-1/5" X 11-4/5" X 52-5/8"	103 Lbs.

Pipe Bender



Model	Ram Capacity	Hydraulic Stroke	Maximum working Pressure	Product Size (L X W X H)	G.W.
66150C	15 Ton	9-7/8"	10,000 PSI	31-7/8" X 28-3/4" X 40-5/8"	182 Lbs.



Engine Stands

Worm gear head assembly for easy rotation (on 31256 model only)



Constructed from heavy-gauge welded square tubular steel

31256
1,250 Lbs.Capacity



Extra-long handle with rubber grip for easy rotation and maneuvering



Model	Capacity	Base Size (L X W)	Overall Height	Head Plate	Head Plate Thickness	Wheel Diameter	Handle Length	G.W.
30750	750 Lbs..	31-1/2" X 31-1/2"	36-3/4"	10" X 6"	3/8"	3"		50-1/2 Lbs.
31250		33-3/8" X 33-7/8"					20-1/4"	78 Lbs.
31252	1,250 Lbs..	41-3/4" X 23-5/8"	42-3/4"	7-1/2" X 6-1/2" X 3/4" X 10-1/4"	5/8"	3-1/2"		87 Lbs.
31256							N/A	117 Lbs.



Shop Presses With Bottle Jacks

Excellent for bending, bonding, or straightening applications

Hydraulic system is protected from internal damage by a patented by-pass mechanism U.S. Patent No.5,946,912

Ideal for the removal or installation of gears, universal joints, pulleys, wrist pins, and other various press jobs

Multi-position bed for work height adjustment

Heavy steel welded construction



Model	Capacity	Hydraulic Stroke	Minimum Working Space	Maximum Working Width	Bed Position	Frame Size (W X D X H)	G.W.
60120	12 Ton	6"	2-5/8"	34-3/8"	8	22-3/4" X 18-1/2" X 59"	140-1/2 Lbs.
60200	20 Ton		2-1/2"	34-1/8"		28" X 28" X 64-1/2"	259 Lbs.

Bench, Shop Presses & Hand Pumps



60253
25 Ton Capacity



55101
Optional Air Actuated 10,000 PSI Hand Pump comes with dual control oil pump, U.S. patent No. 5,445,505

65123
12 Ton Capacity (Bench Top)

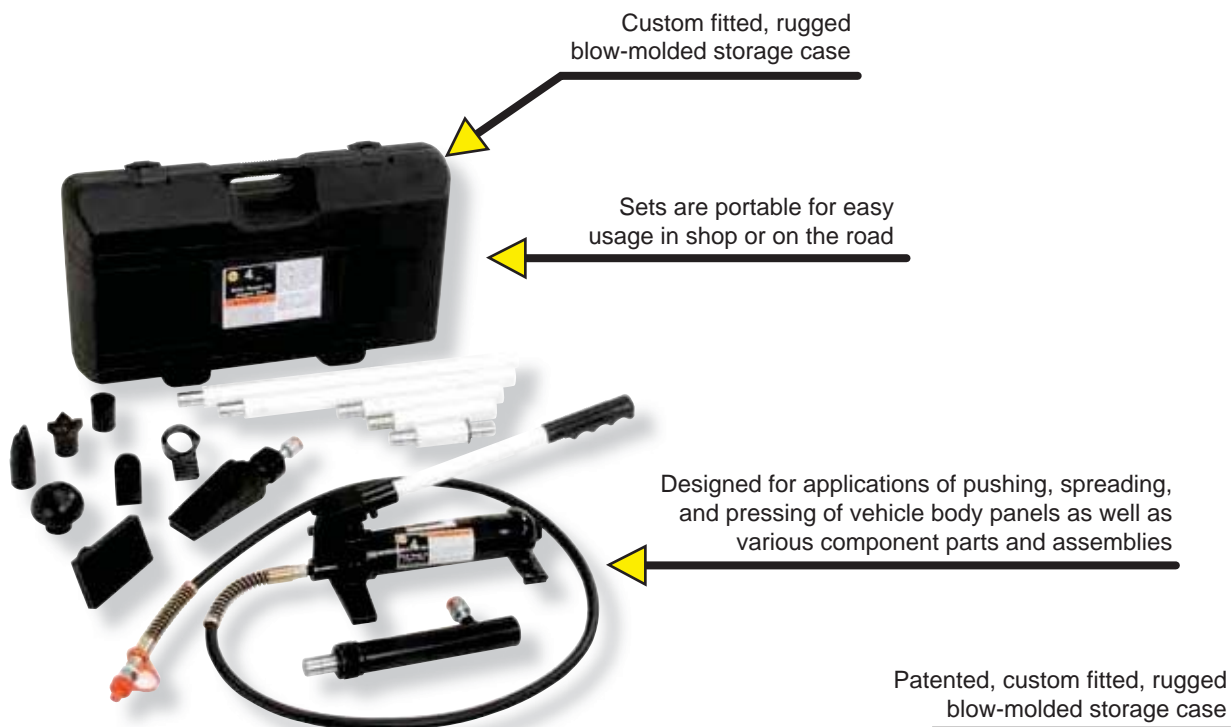


Model	Capacity	Ram Stroke	Minimum Working Space	Maximum Working Space	Bed position	Frame Size (W X D X H)	G.W.
60123	12 Ton	6"	4-5/8"	36-3/8"	8	28" X 28" X 59"	211 Lbs.
60253	25 Ton		2-1/2"	34-1/4"			272 Lbs.
65123	12 Ton		4"	17-5/8"	4	21-1/4" X 16-1/8" X 31-1/2"	129-1/2 Lbs.



Body Repair Kits

A must for body collision repair use



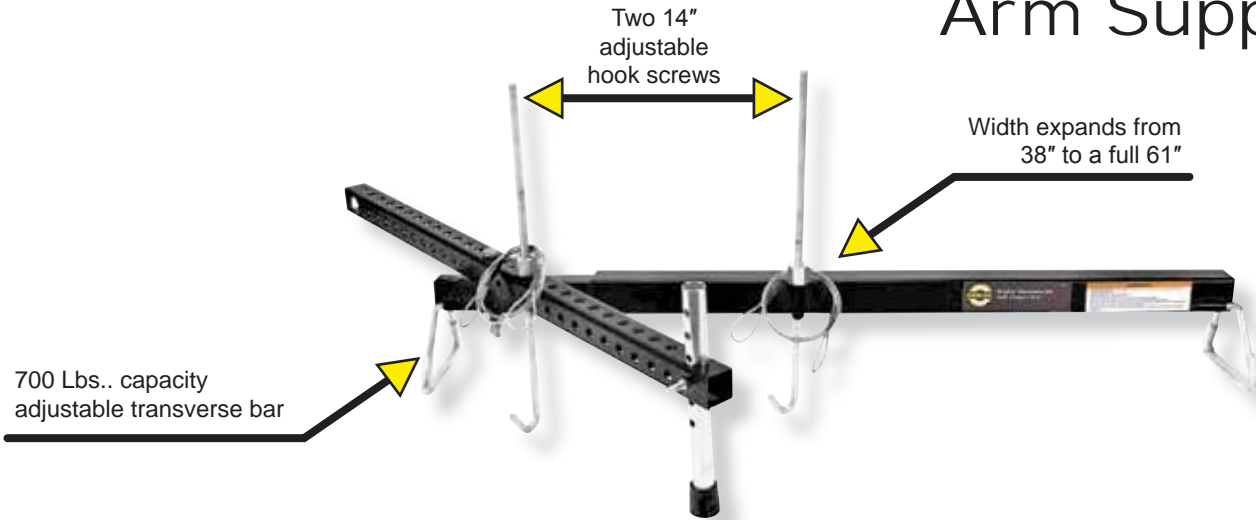
Designed for applications of pushing, spreading, and pressing of vehicle body panels as well as various component parts and assemblies

Sets are portable for easy usage in shop or on the road

Model	Ram Capacity	Pump Capacity	Ram		Ram Effective Area	G.W.
			Close Height	Extended Height		
50040	4 Ton	8,000 PSI	10-3/4"	15-5/8"	1.0 in ²	47 Lbs.
50100	10 Ton	10,000 PSI	13-3/4"	19-3/4"	2.4 in ²	84 Lbs.



Engine Transverse Bar With Arm Support



Model	Capacity	Width Expand	Hook Thread Length	G.W.
44700	700 Lbs..	38" ~ 61"	12.5"	25 Lbs.

Compact design
for use in confined
spaces



Low Profile Cylinder Kit

Specially designed return spring
ensures a quick retraction and
extends the lift of the spring



Model	Cylinder Capacity	Stroke	Cylinder Effective Area	Collapsed Height	Extended Height without adapter	Internal Pressure at Capacity	Cylinder Housing Dia.	Ram Plunger Dia.	G.W.
72101	10 Ton	1.5"	2.35 in ²	3.48"	4.98"	8,511 PSI	2.75"	1.50"	10 Lbs.



Crane Jacks

Machined and polished cylinders provide non-abrasive, leak-free, durable performance

A wide, rugged base provides stability and strength

Hydraulic system is protected from internal damage by a patented built-in by-pass mechanism

Fabricated from hard-cast steel with heat-treated critical stress areas



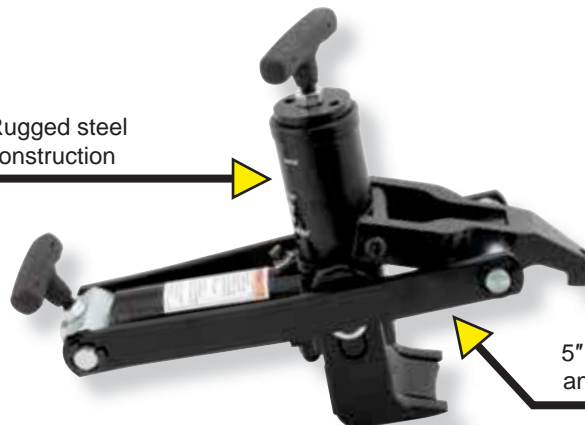
Model	Capacity	Minimum Height	Maximum Height	Base Size	Volume of Hydraulic Oil	G.W.
44915	1-1/2 Ton	19-7/8"	35-1/4"	5-18" X 4-1/2"	12 OZ. / 353 mL	18 Lbs.
44930	3 Ton					
44940	4 Ton					
44980	8 Ton	24-1/8"	43-1/4"	5" X 4-3/4"	23.5 OZ. / 695 mL	30-1/2 Lbs.
44981 Air				7-1/8" X 5"		37-1/2 Lbs.

Bead Breaker

Works on single rimmed wheels



Rugged steel construction



5" opening works with any 10,000 PSI pump

22953: Bead Breaker Combo

The set includes:

- Bead breaker (22910) X 1 PC
- Air treadle pump (22903) X 1 PC
- 10' Hydraulic hose (CS3838C) X 1 PC
- Hydraulic coupler (CH38) x 1 set

Model	Capacity	Maximum Ram Size	Hydraulic Oil Capacity	Product Size	G.W.
22910	5 Ton	26"	250 mL	17-1/2" X 5-1/2" X 12"	36 Lbs.



User friendly foot-actuated design for easy control

Provides up to 10,000 PSI from standard shop air supply of 110-175 PSI

Air Actuated Foot Pumps

Made of durable light weight corrosion-free aluminum

Efficiently operates many industrial and construction single acting ram applications



Model	Usable Oil Capacity	Pressure Rating	Air Pressure Rating	Output Flow Rate		G.W.
				No Load	Load	
22903B	91.5 in ³	10,000 PSI	110-175 PSI	61.02 in ³ /min.	19.53 in ³ /min.	18-1/2 Lbs.
22905	122 in ³			65.6 in ³ /min.	11.12 in ³ /min.	21 Lbs.
22907	231.9 in ³			65.6 in ³ /min.	11.12 in ³ /min.	29-1/2 Lbs.
22917	231.9 in ³			65.6 in ³ /min.	11.12 in ³ /min.	24 Lbs.

Hydraulic Cylinders

- Rod wiper helps seal out dirt and contamination
- Specially designed return spring ensures a quick retraction and extends the life of the spring
- Industrial hard chrome plated ram helps prevent scratching and corrosion

Designed for rated capacity pushing, spreading and pressing jobs

Includes high flow ball coupler and dust cap

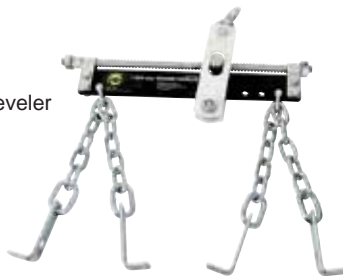


Model	Capacity	Stroke	Cylinder Effective Area	Collapsed Height	Extended Height	Internal Pressure at Capacity	Cylinder Outside Diameter	Ram Plunger Diameter	G.W.
70102	10 Ton	2.01"	2.24 in ²	4.84"	6.85"	8,928 PSI	2.26"	1.49"	5 Lbs.
70104		4.02"		6.85"	10.87"				7 Lbs.
70106		5.94"		9.84"	15.78"				9-1/2 Lbs.
70108		7.95"		11.85"	19.8"				11-1/2 Lbs.
70109		9.96"		13.86"	23.82"				13-1/2 Lbs.



Engine Cranes

90153
Load Leveler
3/4 Ton



The hydraulic long ram is equipped with a patented built-in by-pass mechanism

Metered control release valve for precise lowering control

44010
1 Ton Capacity
Folding Design



44010 Folded position



44020
2 Ton Capacity

Heavy duty welded construction with rugged reinforced tubular steel



Model	Boom Capacity @ Length	Hook Height		Base Length	Front Base Width	Rear Base Width	Height	Wheel Diameter		G.W.
		Min.	Max.					Front	Rear	
44010	1 Ton	4-7/8"	82-1/4"	71-5/8"	18-1/2"~44-7/8"	31-1/2"	65"	5"	3-1/2"	304 Lbs.
	3/4 Ton	3-3/8"	85"							
	1/2 Ton	0"	86-5/8"							
44020	2 Ton	18-3/8"	69-1/4"	62-3/8"~90-3/4"	28-7/8"~33-7/8"	34-5/8"~53-1/8"	57"	3-1/2"		317 Lbs.
	1-1/2 Ton	14"	75-1/4"							
	1 Ton	9-1/4"	81-1/4"							
	1/2 Ton	5"	86-1/2"							



Low Profile Z Creeper

Fully upholstered pad▼



Six 3", non-marking, oil resistant, full bearing casters for easy movement



2" lower than the regular Z Creeper

Model	Capacity	Dimensions (L X H X W)	G.W.
91452	450 Lbs..	41-3/7" X 5-1/9" X 27-1/7"	31-1/2 Lbs.

Low Profile Creeper

Fully upholstered pad▼



Six 3", non-marking, oil resistant, full bearing casters for easy movement

Model	Capacity	Dimensions (L X H X W)	G.W.
91400	400 Lbs..	41-3/7" X 4-8/9" X 27-1/7"	27 Lbs.



Toolbox Creeper

450 Lbs.. Rated capacity



Model	Capacity	Seat Dimensions (L X H X W)	G.W.
92450	450 Lbs..	14" x 9" x 2-1/6"	28-1/2 Lbs.

Z Creeper



Model	Capacity	Dimensions (L X H X W)	G.W.
91000	450 Lbs..	41-2/9" X 6-3/4" X 19-3/5"	25-1/2 Lbs.

B65114 4 Ton Porto- Power Kit

- 4-ton capacity model gives you the pushing and spreading power you need to make fast and easy work of everyday repairs.
- Snap-lock design for quick, easy assembly
- Automatic pump overload system protects against damage to rams and equipment
- 4 ton kit comes in a blow molded plastic case
- Heavy walled extension tubes stand up in tough applications
- Flex head features permanently molded rubber pad—interlocked to prevent separation
- Long handles provide low pumping effort
- 1/2 Ton capacity hydraulic spreads from 5/8" to 3-3/4"



- | | |
|----------------------------------|--------------------------------------|
| A. B65067 • Plastic Case | K. B65152 • 90° V Base |
| B. B65186 • 4 Ton Hydraulic Pump | L. B65151 • Serrated Saddle |
| C. B65187 • 4 Ton Hydraulic Ram | M. B65161 • 19-1/2" Extension Tube |
| D. B65291 • 6' Hose w/ Coupler | N. B65160 • 16-1/2" Extension Tube |
| E. B65178 • Rubber Head | O. B65159 • 8-1/2" Extension Tube |
| F. B65156 • Flat Base | P. B65158 • 6" Extension Tube |
| G. B65123 • 1/2 Ton Spreader | Q. B65157 • 3" Extension Tube |
| H. B65155 • Ram Toe | R. B65177 • Male Connector |
| I. B65154 • Plunger Toe | S. B69477 • Female Coupler, 1/4" NPT |
| J. B65153 • Wedge Head | T. B69478 • Male Coupler, 1/4" NPT |

Model	Ram Capacity	Pump Capacity	Ram		Ram Effective Area	G.W.
			Closed Height	Extended Height		
B65114	4 Ton	8,000 PSI	11"	15-3/4"	1.0 in ²	48 Lbs.

B65115 10 Ton Porto-Power Kit

- The 10 ton capacity model gives you the extra muscle you need to get the job done right.
- Snap-lock design for quick, easy assembly
- Automatic pump overload system protects against damage to rams and equipment
- Heavy walled extension tubes stand up in tough applications
- Flex head features permanently molded rubber pad—interlocked to prevent separation
- Long handles provide low pumping effort
- 1/2 Ton capacity hydraulic spreader features 2" jaws and spreads from 5/8" to 3-3/4"
- Custom fitted, rugged blow molded storage case with wheels for easy movement between jobs



- | | | |
|-----------------------------------|--------------------------------|--------------------------------------|
| A. B65068 • Mobile Case | H. B65172 • Plunger Toe | O. B65163 • 18" Extension Tube |
| B. B65188 • 10 Ton Hydraulic Pump | I. B65123 • 1/2 Ton Spreader | P. B65164 • 10" Extension Tube |
| C. B65189 • 10 Ton Hydraulic Ram | J. B65167 • Serrated Saddle | Q. B65165 • 4" Extension Tube |
| D. B65291 • 6' Hose w/ Coupler | K. B65173 • 90° V Base | U. B69477 • Female Coupler, 1/4" NPT |
| E. B65179 • Male Connector | L. B65169 • Ram Toe | V. B69478 • Male Coupler, 1/4" NPT |
| F. B65168 • Flat Base | M. B65166 • Wedge Head | |
| G. B65180 • Rubber Head | N. B65162 • 27" Extension Tube | |

Model	Ram Capacity	Pump Capacity	Ram		Ram Effective Area	G.W.
			Closed Height	Extended Height		
B65115	10 Ton	10,000 PSI	13-5/8"	19-3/4"	2.4 in ²	88 Lbs.

20 Ton Porto-Power set provides extra capacity for the toughest assignments. Two-speed pump extends ram quickly saving time and money. Versatile attachments provide broad range of function. Automatic two speed pump speeds ram to load, then shifts power stroke. With this set you can spread materials apart and pull heavy duty machinery and sections. This is a heavy duty set makes all bull-work repairs easier.

B65041 20 Ton Porto-Power Kit



- | | | |
|--------------------------------|------------------------------------|--------------------------------------|
| A. B65073 • Wood Chest | H. B65770 • Connector | O. B65740 • 20 Ton Ram |
| B. B65775 • Chain Pull Plate | I. B65772 • V Head | P. B65593 • 6' Hydraulic Hose |
| C. B65768 • 24" Extension Tube | J. B65776 • Threaded Coupling (3) | Q. B65774 • Lifting Toe |
| D. B65766 • 18" Extension Tube | K. B65421 • 2 Speed Automatic Pump | R. B65779 • Plunger Base |
| E. B65764 • 10" Extension Tube | L. B97518 • 8' Chain w/ hook | S. B65778 • Ram Base |
| F. B65762 • 5" Extension Tube | M. B65773 • Wedge Head | T. B65581 • Male Coupler, 3/8" NPT |
| G. B65760 • 3" Extension Tube | N. B65777 • Saddle (2) | U. B65582 • Female Coupler, 3/8" NPT |

Model	Ram Capacity	Ram		Ram Effective Area	G.W.
		Closed Height	Extended Height		
B65041	20 Ton	10-3/4"	16-3/4"	5.14 in ²	206 Lbs.

B65139 5 Ton Flat Body Kit

5 Ton flat body kit includes a blow mold case and 4 adapters (0.25", 0.5", 1" and 1.25")



Magnetic adapters are stackable
U.S. Patent No.7,237,762 b2

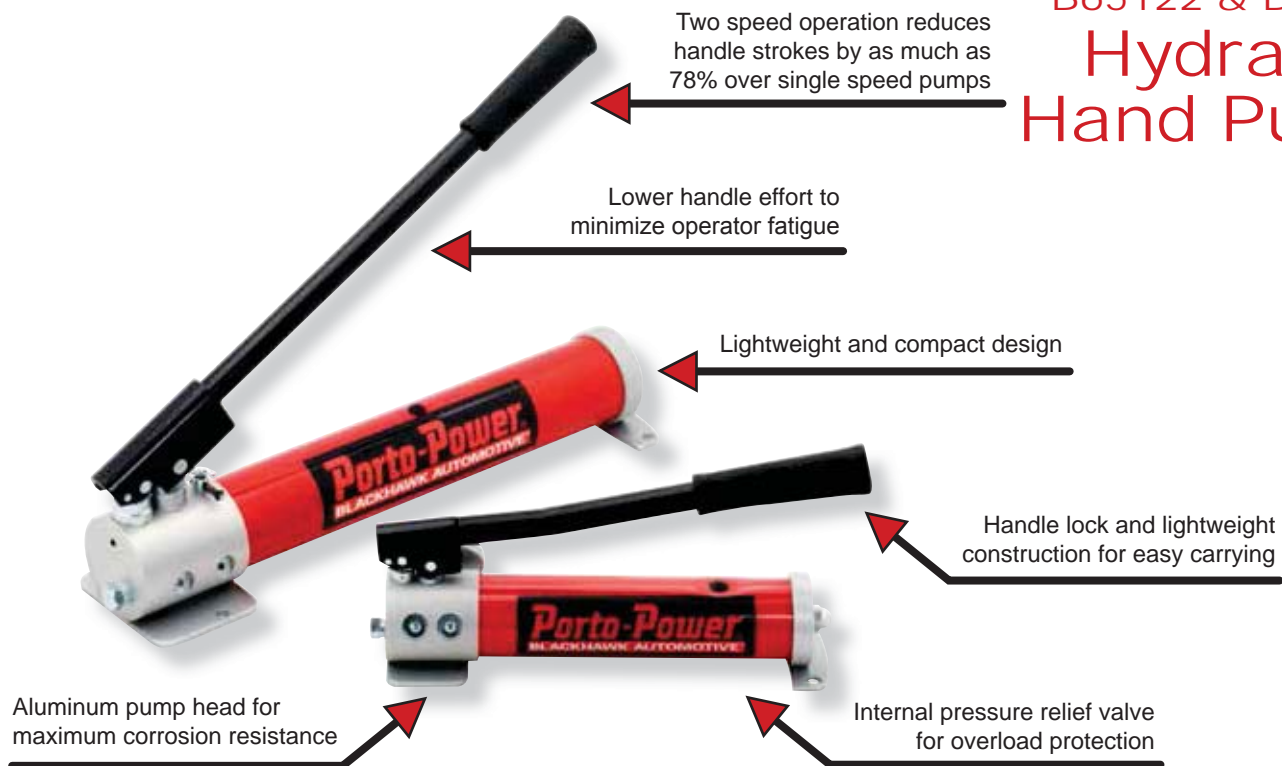
B65140 4 Ton Flat Body Ram



Model	Capacity	Stroke	Effective Area	Oil Capacity
B65140	4 Ton	0.63"	1.1 in ²	0.69 in ³
B65139	5 Ton	0.24"		0.26 in ³

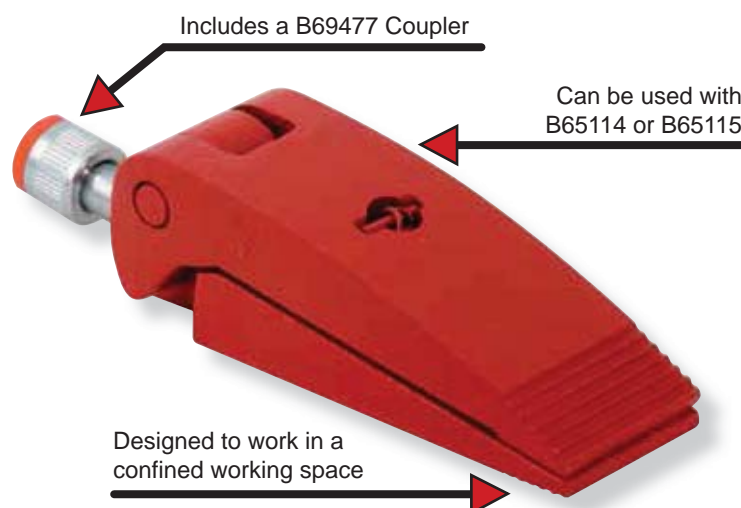
Model	Collapsed Height	Extended Height	Outside Dimension	Plunger Diameter	Base To Intel Port	Base Mounting Hole		G.W.	Operating Pressure	Coupler
						Hole Diameter	Hole Distance			
B65140	1.63"	2.26"	4.72" X 1.57"	0.98"	0.74"	0.2"	1.1"	1-1/2 Lbs.	8,050 PSI	B69477
B65139	1.26"	1.5"	3.94"X1.57"		0.80"			5 Lbs.	9,100 PSI	

B65122 & B65421 Hydraulic Hand Pump



Model	Capacity	Output Displacement Per Stroke		Operating Force	Piston Stroke	Oil Outlet Port	G.W. (with fluid)
		1 st Stage	2 nd Stage				
B65122	21.36 in ³	0.2 in ³	0.05 in ³	81.37 Lbs.	0.413"	1/4"-18NPTF	7 Lbs.
B65421	61.03 in ³	0.81 in ³	0.14 in ³	98.81 Lbs.	0.815"	3/8"-18NPTF	16 Lbs.

B65145 1 Ton Spreader



Model	Capacity	Stroke	Cylinder Effective Area	Ram Collapsed Height	Ram Extended Height	G.W.
B65145	1 Ton	3.465"	1.09 in ²	0.472"	3.937"	4-1/2 Lbs.

B65427 10,000 PSI Foot Operated Pump

A compact yet powerful Air Turbo Motor is equipped to raise the load to the desired height efficiently, effortlessly, and safely U.S. Patent No. 5,341,723

Greater oil capacity to handle bigger jobs

Maximum working pressure 10,000 PSI

Three positions provide cylinder advance, hold, or retract operation

Pressure relief valve for overload protection

High strength aluminum reservoir is lightweight and corrosion resistant

B65424 10,000 PSI Hand Operated Pump

B65426 10,000 PSI Foot Operated Pump

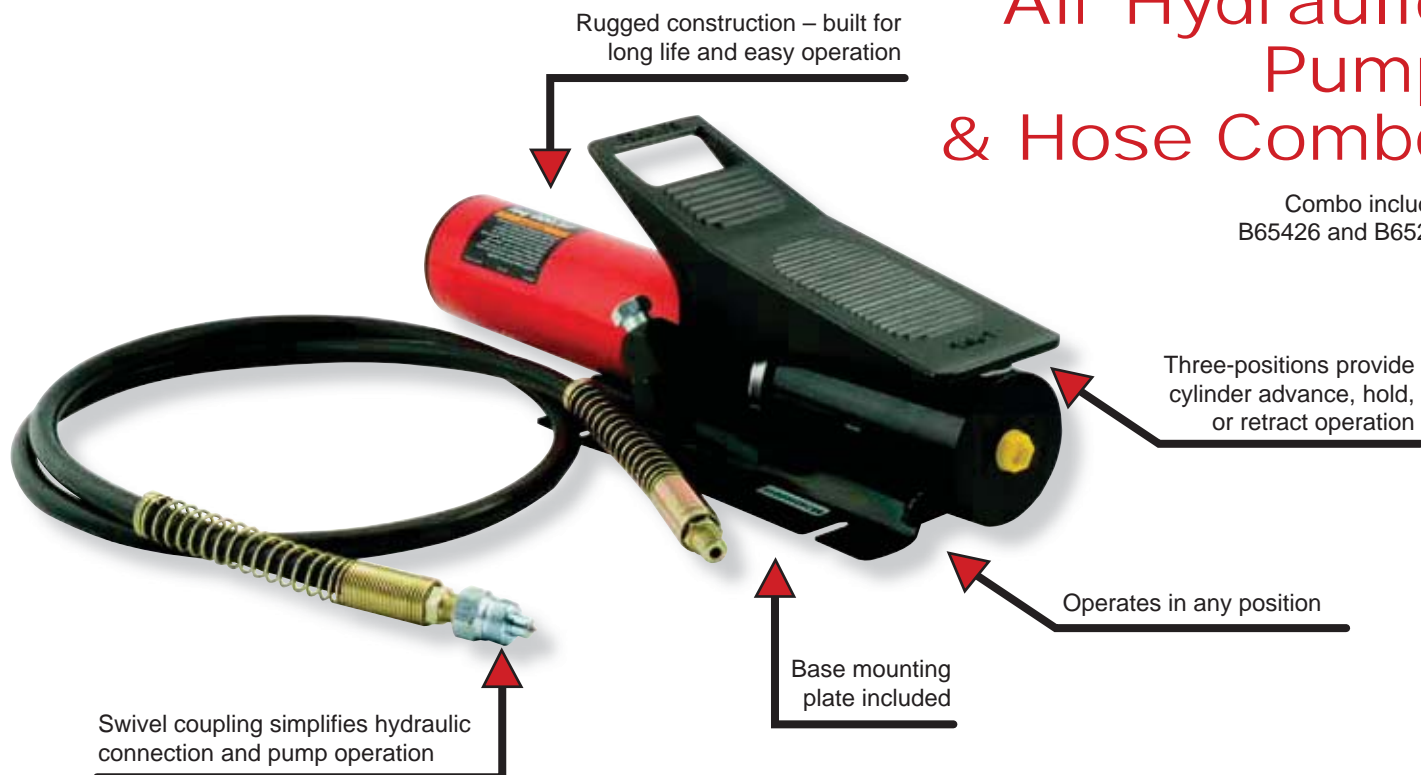
B65425 10,000 PSI Foot Operated Pump

Model Number	Usable Capacity	Rated pressure	Output Flow Rate (In3/min.)		Input Air Pressure	Output Port Threads	Input Port Threads	G.W. (with fluid)
			No Load	Load				
B65427	122 in³	10,000 PSI	61.02	11.11	102-203 PSI	3/8"-18NPTF	1/4"-18 NPT	20-1/2 Lbs.
B65425	91.5 in³			19.53	104-203 PSI			18 Lbs.
B65424	36.6 in³		61	19.53	102-203 PSI			16.5 Lbs.
B65426								15 Lbs.

B65428

Air Hydraulic Pump & Hose Combo

Combo includes
B65426 and B65293



B65407

Hydraulic Set

Combo includes B65426,
B65593 and B65444



Hydraulic Rams

- Rod wipers seal out contaminants
- Collar thread protectors (except B65141)
- Heavy duty return springs (except B65141)
- Industrial hard chrome plated ram prevents rust corrosion



Baked enamel finish for increased corrosion resistance

High strength alloy steel for durability

Designed for use in all positions

B65449

Regular Rams

Model	Capacity	Stroke	Effective Area	Oil Capacity	Collapsed Height
B65141	2 Ton	3.07"	0.76 in ²	2.28 in ³	5.39"
B65553	5 Ton	3.07"	1.0 in ²	3.00 in ³	6.65"
B65555		5.08"		5.00 in ³	8.7"
B65441	10 Ton	2.01"	2.24 in ²	4.48 in ³	4.84"
B65446		5.94"		13.44 in ³	9.84"
B65449		9.96"		22.31 in ³	13.86"
B65746	25 Ton	5.94"	5.14 in ²	30.84 in ³	10.71"

Extension Screw (for B65141 only)



Model	Extended Height	Outside Diameter	Plunger Diameter	Base to Intel Port	Saddle Diameter	Base Mounting Hole			G.W.	Operating Pressure	Coupler		
						Hole Diameter	Hole Distance	Hole Depth					
B65141	8.46"	1.31"	0.87"	0.46"	1.0"	N/A	N/A	N/A	2 Lbs.	5,270 PSI	B69477		
B65553	9.72"	1.5"	1.0"	0.79"	0.98"	0.20"	1.00"	0.76"	3 Lbs.	10,000 PSI			
B65555	13.78"			0.79"	0.98"	0.20"	1.00"	0.76"	3-1/2 Lbs.				
B65441	6.85"	2.26"	1.49"	0.75"	1.38"	0.28"	1.54"	0.87"	5 Lbs.	8,930 PSI	B65582		
B65446	15.78"			0.77"		0.31"		0.55"	9 Lbs.				
B65449	23.82"								13 Lbs.				
B65746	16.81"	3.35"	2.24"	0.98"	2.13"	0.4"	2.3"	1.0"	22-1/2 Lbs.	9,730 PSI	B65582		

Porto Power Rams



B65187

B65452

Model	Capacity	Stroke	Effective Area	Oil Capacity	Collapsed Height	Extended Height	Outside Diameter	Plunger Diameter	Base To Intel Port	Base Hole Depth	G.W.	Operating Pressure	Coupler
B65187	4 Ton	5.0"	1.0 in ²	5.00 in ³	10.69"	15.69"	1.50"	0.88"	1.96"	1.54"	5 Lbs.	8,000 PSI	B69477
B65452	10 Ton	6.03"	2.24 in ²	13.44 in ³	14.59"	20.62"	2.26"	1.50"	3.15"	2.42"	12 Lbs.	8,950 PSI	B65582

Threaded Rams

- High quality threaded single acting cylinders
- Used to attach accessories to rod end and base



B65740

B65442

B65142

B65444

Model	Base To Intel Port	Plunger Outside Thread & Base Internal Thread	G.W.	Operating Pressure	Coupler
B65142	1.33"	3/4"-14 NPTF	4 Lbs.	8,000 PSI	B69477
B65442	1.67"	1-1/4"-11.5 NPTF	10-1/2 Lbs.	8,930 PSI	B65582
B65444			15 Lbs.		
B65740	1.85"	2"-11.5 NPTF	23 Lbs.	7,780 PSI	B65582

Model	Capacity	Stroke	Effective Area	Oil Capacity	Collapsed Height	Extended Height	Outside Diameter	Plunger Diameter
B65142	4 Ton	5.07"	1.0 in ²	5.00 in ³	10.31"	15.39"	1.50"	1.0"
B65442	10 Ton	6.1"	2.24 in ²	13.44 in ³	11.61"	17.72"	2.27"	1.5"
B65444		10.12"		22.40 in ³	15.63"	25.75"		
B65740	20 Ton	5.16"	5.14 in ²	25.70 in ³	11.77"	16.93"	3.35"	2.24"



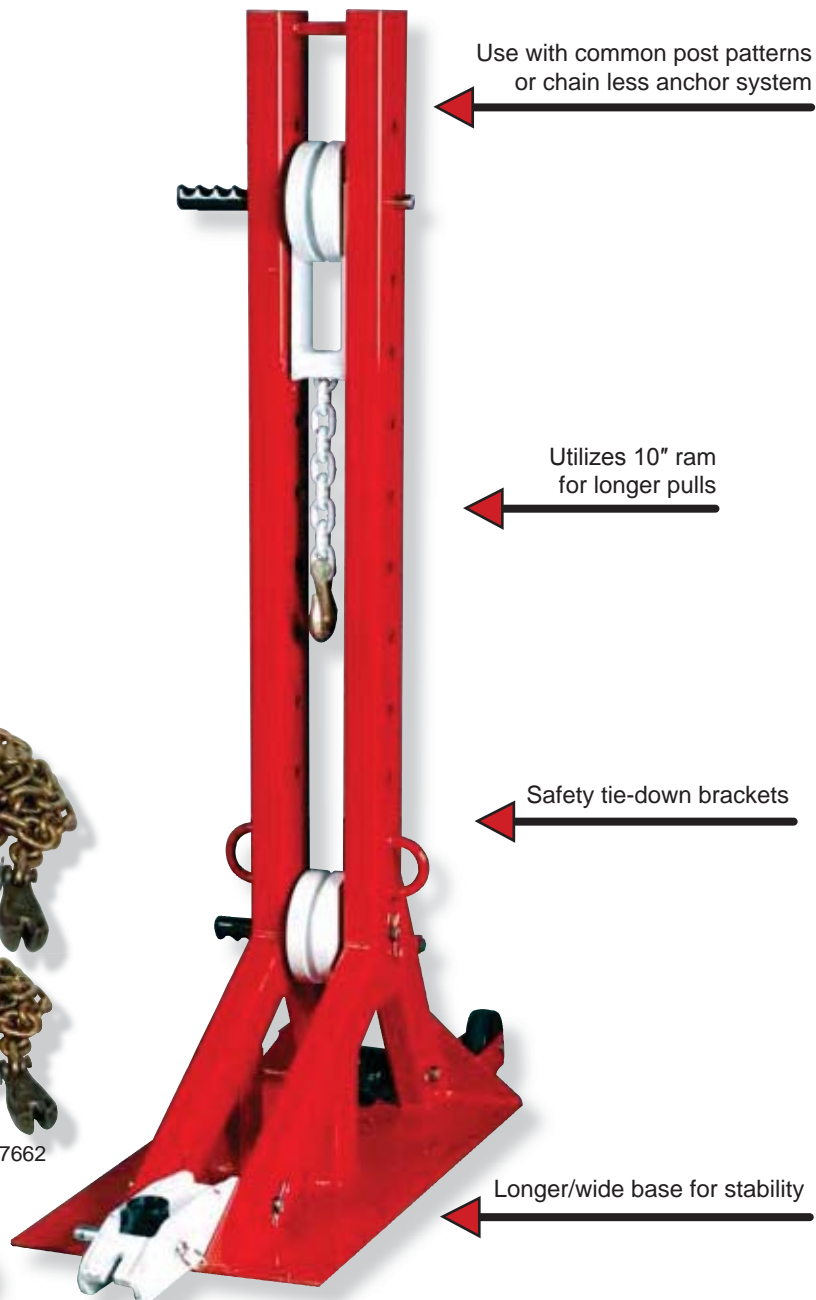
B93601B 10 Ton Capacity Pulling Post Package

B93601B Includes:

- A. B93600 • Pulling post
- B. B65428 • Pump/hose set
- C. B65444 • 10 Ton 10" stroke ram
- D. B97662 • 6' Chain with claw hooks (2)
- E. B97691 • 9' Chain with hook

B93601B Replacement Accessories:

- B93650 • Post extension
- B93651 • Post lifting arm
- B93652 • Lever arm with pin
- B97520 • Double grab hook
- B97521 • Hook assembly
- B97540 • Chain tightener



Model	Capacity	Height	Base Size	Floating Pulley Position	G.W.
B93601B	10 Ton	59"	31" X 16"	10	164 Lbs.

B93075 Anchor Pot

- Arrange anchor pot in basic pattern or make additional bay installation.
- Designed with heavy-duty protective ring at top which prevents chipping of concrete. 3-1/8" diameter



- Pull rams are equipped with chain adapter claw hooks on each end
- Accepts 3/8" chain links



B65143

2 Ton Capacity Pull Ram with Hook

B65454

5 Ton Capacity Pull Ram with Hook



Model	Capacity	Stroke	Effective Area	Oil Capacity	Collapsed Height	Extended Height	Outside Diameter	Plunger Diameter	Top To Intel Port	Ram Outside Thread & Base Mounting Hole	G.W.	Operating Pressure	Coupler
B65143	2 Ton	5.0"	0.56 in ²	2.80 in ³	10.51"	15.51"	1.89"	0.75"	0.74"	3/4"-14 NPTF	10-1/2 Lbs.	7,150 PSI	B69477
B65454	5 Ton	5.55"	1.14 in ²	6.33 in ³	11.93"	17.48"	2.25"	1.18"	0.80"	1-1/4"-11.5 NPTF	15 Lbs.	8,780 PSI	

Gauges



B65782



B65783

B65782 • 4" Wet Gauge 1/4" NPTF

B65783 • 4" Dry Gauge 1/4" NPTF

Fittings

B65129 • Reducer from 3/8" to 1/4"

B65131 • 1/4" NPTF Gauge Fitting

B65132 • Bushing from 1/4" to 3/8"



B65129



B65131



B65132

Hydraulic Coupler Set



B69477



B69478



B65280



B65580



Complete Set	Hose Half	Ram Half	Hose/Ram Thread	Coupler Connecting Thread
Porto-Power Coupler	B69478	B69477	1/4" NPT	13/16"- 20 UNEF
B65280	B65281	B65282	1/4" NPT	3/4" - 20 UNEF
B65580	B65581	B65582	3/8" NPT	15/16"- 20 UNEF

Hydraulic Hoses

B65290 • 1/4" ID, 6' Hose, 1/4" NPTF Connection

B65291 • 1/4" ID, 6' Hose with Male (B69478) Coupler, 1/4" NPTF Connection

B65590 • 3/8" ID, 10' Hose with Male (B65580) Coupler, 3/8" NPTF Connection

B65591 • 1/4" ID, 10' Hose with Male (B69478) Half Coupler, 1/4" NPTF Connection

B65593 • 3/8" ID, 6' Hose with Male (B65580) Half Coupler, 3/8" NPTF Connection

B65594 • 3/8" ID, 6' Hose, 3/8" NPTF Connection

Model	Hose Size	Length	Hose End Fitting	Coupler
B65290	1/4" ID	6'	1/4" NPTF Connection	-
B65291				Male Half Coupler (B69478)
B65590	3/8" ID	10'	3/8" NPTF Connection	Male Half Coupler (B65581)
B65591	1/4" ID		1/4" NPTF Connection	Male Half Coupler (B69478)
B65593	3/8" ID	6'	3/8" NPTF Connection	Male Half Coupler (B65581)
B65594				-



Chains & Hooks

B97520 • Double grab hook

B97651 • 15' Chain with claw hook

B97661 • 6' Chain with claw hook

B97662 • 6' Chain with 2 claw hooks

B97691 • 9' Chain with grab hook

B97518 • 8' Chain with grab hook

B97521 • Hook assembly

B97527 • 6' Chain with grab hook

B97528 • 6' Chain with 2 grab hooks



B97527



B97528



B97520



B97662



B97691



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