

PROFESSIONAL LIFTING EQUIPMENT



**HEIN-WERNER
AUTOMOTIVE**



Porto-Power
BLACKHAWK AUTOMOTIVE



CONTENTS



Hein-Werner
Lifting equipment is
manufactured in
the U.S.A.

All products come with
a 2 year warranty.



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



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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Made in **USA** ***

HW93642 2 Ton Service Jack

- One-piece handle
- Flanged side plates increase strength
- In-line pump provides efficient pumping operation
- U-joint release mechanism for precise load control
- Full swivel rear casters for easy positioning
- Sealed hydraulic pump for durability
- Pressure relief valve prevents overloading
- Cast iron lift arm for heavy duty loads



HW93642

HW93652 3 Ton Service Jack

Made in **USA** ***

- Heavy Duty frame for rugged applications
- Longer chassis ideal for truck's & SUV's
- Full swivel rear casters for easy positioning
- Sealed hydraulic pump for durability
- Pressure relief valve prevents overloading
- Cast iron lift arm for heavy duty loads
- One piece handle
- U-joint release mechanism for precise load control



HW93652

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

- Dual piston action provides speed to contact and power to lift
- Handle adjusts to three pumping positions
- Extra long chassis for hard to reach points
- T handle with release knob for ease of positioning and load control
- Sealed hydraulic unit keeps out grit, grime and moisture
- Cast lift arm for heavy loads



Made in **USA** ***

HW93657

HW93667 4 Ton Air/Manual Service Jack

Includes all the features of the HW93657

plus:

- Operates manually or with air
- Speed Pak™ reduces handle pumping

Made in **USA** ***

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

HW93667

LONG CHASSIS SERVICE JACKS

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

- Dual piston action provides speed to contact and power to lift
- Long chassis for hard to reach points
- Handle adjusts to three pumping positions
- Heavy gauge, steel frame helps prevent distortion
- T handle with release knob for exact positioning of load
- Sealed hydraulic unit keeps out grit, grime and moisture
- Large full swivel lifting cap and ball bearing casters make positioning easy
- Cast lift arm for heavy loads

Made in **USA** ***

HW93660

HW93662 10 Ton Air/Manual Service Jack



HW93662

Made in **USA** ***

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

Includes all the features of the HW93660 plus:

- Operates manually or with air
- Speed Pak™ reduces lift times

LONG CHASSIS SERVICE JACKS

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.

Made in **USA** ***

Made in **USA** ***

HW93733 20 Ton Truck Jack & HW93735 25 Ton Truck Jack

- Compact, powerful design quickly lifts rated capacity
- Large 8" rubber wheels
- Low height allows lifting from axle or suspension
- 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



HW93265

HW93265 Saddle Extension Kit (Optional, for use only on HW93733)

- Optional adapter provides added height.
- Adds 1/2", 2-3/8", or 4" to low pick-up heights

735-002-001 3" Extension (Optional, for use only on HW93735)

- Adds 3" pick-up height

735-002-001

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

HW93735

Made in **USA** ***

HW93733

HW93731 20 Ton Truck Jack

- Large rubber wheels enhance mobility
- Automatic valve prevents overloading
- Extension screw permits pickup height adjustment
- Speed Pak™ provides quick, effortless lift

HW93731

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"	90-150 PSI	69 Lbs.
HW93733		9-1/2"	20"	5"	52-1/2"	20-1/2" x 13"	5-1/2"	90-140 PSI	97 Lbs.
HW93735	25 Ton	8-1/4"	18-1/2"	5-1/8"	53"	20" x 14"	5-1/8"	90-200 PSI	114 Lbs.

HW93503 3 Ton Jack Stands & HW93506 6 Ton Jack Stands

- Saddle column provides ratchet action height adjustment
- Dual purpose handle serves as carry handle and saddle column release
- Multi position ratchet bar provides strength and durability
- Formed base adds stability
- Sold and to be used in pairs

Made in **USA** ***



HW93503



HW93506

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"	15 Lbs.
HW93506	6 Ton	16-1/4"	25-3/4"		10-1/2" x 13"	1" x 5"	26 Lbs.

HW93524 7 Ton Forklift Stands

- Low profile for forklifts
- Wide, square base for maximum load stability
- Adjusts from 9-1/4" to 15-3/4" at 1" intervals
- Heavy duty holding pins for adjustable heights
- Lightweight for portability and ease of positioning
- Sold and to be used in pairs

Made in **USA** ***



HW93524

Model	Capacity (per pair)	Minimum Height	Maximum Height	Height Intervals	Base Size	Saddle Size	G.W. (pair)
HW93524	7 Ton	9-1/4"	15-3/4"	1"	9-1/4" x 9-1/4"	2-1/2" x 4-1/2"	36 Lbs.

JACK STANDS & FORKLIFT STANDS

HW93720

1/2 Ton Air/Hydraulic Telescopic Transmission Jack

- Combines air (first stage only) and hydraulic power for maximum speed and accuracy
- Four ratcheting brackets fit transmission pan flanges
- Hefty nylon safety strap helps anchor transmission
- Wide caster base for smooth maneuverability
- Head adjustments made easy with big easy-to-grip crank handles

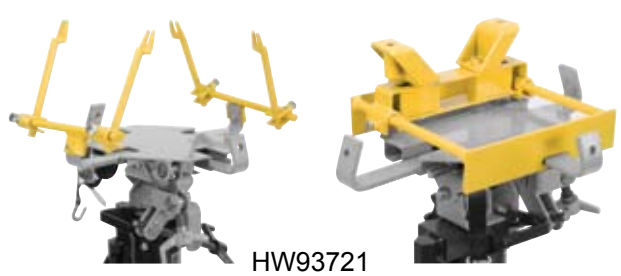
Made in **USA** ***

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



HW93720

HW93721
Multipurpose Transmission Adapter
(Optional, for use with HW93720)



HW93721

TRANSMISSION JACKS

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.



HW93765

HW93765

3/4 Ton Wheel Dolly

- For handling of dual wheels and large single wheels
- Handles up to 52" diameter tires and wheels
- Load levelers aid alignment
- Carriage arm rollers with self-lubricating bearings
- 2 swivel ball bearing casters for easy positioning
- Wide frame and lifting carriage
- Handy tool/parts tray built-in

Made in **USA** ***

Model	Capacity	Lift Range	Lifting Arm Length	Lifting Arm Spread	Overall Length	Overall Width	Overall Height	G.W.
HW93765	3/4 Ton	2-3/8" - 7-7/8"	23"	24"	33-5/8"	35"	31"	116 Lbs.

HW93716 1/2 Ton Floor Style Transmission Jack

- Four Adjustable load support arms
- Wide steel frame
- Dual handle allows jack to operate from either side
- Release valve easily accessible for sensitive load
- Load-restraining chain is vital for raising and lowering safely



HW93716

Made in **USA** ***

HW93718 1 Ton Floor Style Transmission Jack

- Wishbone design allows unit more mobility
- Tubular steel frame
- 360° swivel casters
- Load restraint chain
- Designed for heavy duty transmissions, including:
 - Fuller road rangers
 - 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



HW93718

Made in **USA** ***

TRANSMISSION JACKS

Model	Capacity	Minimum Height	Maximum Height	Chassis Length	Chassis Width	Forward Tilt	Rear Tilt	Sideways Tilt	G.W.
HW93716	1/2 Ton	5-1/2"	23-1/8"	33"	20-1/4"	37°	26°	17° L & R	107 Lbs.
HW93718	1 Ton	10-1/4"	44-3/4"	47-3/8"	28-1/4"	44°	39°	13° L & R	310 Lbs.

HW93659 4 Ton Forklift Jack

Made in **USA** ***



HW93659

- Starting height of 2-1/2" and a maximum height of 16-3/4" provides a wide range of use
- Two-position lift pad of secure contact on a variety of surfaces
- Lift pads adjust with load plane as jack is raised and lowered
- Removable handle and compact size

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** ***

- Removable handle and 10 foot air hose for safe position and operation
- Lifting Range 17-3/4" to 51-1/2"
- Completely air-operated
- Doubles as a support stand



HW93737A

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.

FORKLIFT JACK & AIR JACK

HW93690 10 Ton Air Operated End Lift

- Three-way heavy duty brass air valve provides fine control when lifting or lowering a vehicle
- Safety latch design provides six different automatic safety lock positions to prevent unintentional lowering of load
- Heavy duty wide base for stability and strength
- Two front swivel caster wheels and two 12" diameter semi-pneumatic rear tires provide easy maneuvering
- Adjustable lifting arm can be extended to desired position

Made in **USA** ***



HW93690

Made in **USA** ***

HW93696A 2-1/2 Ton Air Operated End Lift



HW93696A

- Three-way heavy duty brass air valve provides fine control when lifting or aign provides five different automatic safety lock positions to prevent unintentional lowering of load
- Front swivel caster wheel and two 8" diameter rear tires provide easy maneuvering
- Adjustable lifting arm can be extended to desired position

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	12-1/2"	50-1/2"	28"	25" - 53"	200 PSI	13"	670 Lbs.
HW93696A	2-1/2 Ton	8"	35-3/8"	24-1/2"	23-1/4" - 41-1/4"		19"	210 Lbs.

HW93806 3 Ton Engine Crane



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

Made in **USA**

- Roller bearings in wheels for ease of movement
- Swivel hook for full rotation of load
- Side swivel of boom for ease of positioning load
- Pry bar to remove weight from leg to ease movement of leg extension
- 3 Boom and leg extension positions
- Air operated ram for easy load lifting and control
- Equipped air pump operates on standard shop air and has smooth rise, hold and lowering control

HW93806

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"	88-1/2"	51"	75"	8"	6"	1,150 Lbs.
	2-1/2 Ton	18-1/2"	132-1/2"	106-3/4"						
	2 Ton	6-1/2"	144-1/2"	123"						

HW93776 3 Ton Engine Stand



- Clearance in 360° rotation
- Long handle provides easy engine rotation with 95 to 1 gear
- Floor lock keeps stand from moving during repairs
- Universal adapter included for use with a wide variety of optional adapters

Made in **USA**

HW93776



ENGINE STAND

**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



**HW93776-2
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.



**HW93776-3
Mack Diesel Engine Stand Adapter**

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



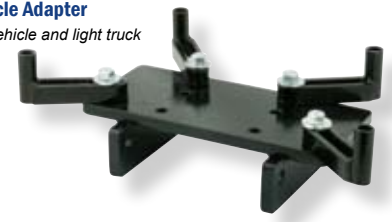
**HW93776-5
Caterpillar Engine Stand Adapter**

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



**HW93776-7
Small Vehicle Adapter**

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



**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



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"	631 Lbs.

HW93300 series 25 Ton Shop Press

- Excellent for bending, bonding or straightening applications
- Multi-position bed for work height adjustment
- Heavy steel welded construction
- Includes hand winch for easy bed adjustments
- Ideal for the removal or installation of gears, universal joints, pulleys, wrist pins, and other press jobs
- Industrial grade chrome plated rams and hydraulic pumps
- 4" pressure gauge standard

Frames
Made in USA



HW93300

HW93400 series 55 Ton Shop Press



HW93400



Optional arbor plates

AP25

• Arbor plate for 25 ton shop presses

AP55

• Arbor plate for 55 ton shop presses

AP100

• Arbor plate for 100 ton shop presses

HW93610 100 Ton Shop Press



HW93610

Model	Capacity	Stroke	Pump Type	Hydraulic Hose Length	Press Size (H x W x L)	Interior Width	Bed Depth	Bed Position	Working Height	G.W.
HW93300	25 Ton	6"	Manual	6'	71" x 42-3/4" x 29-3/4"	29-3/4"	11-1/2"	8	5-1/2" ~ 47-1/2"	560 Lbs.
HW93301			Air	10'						
HW93400	55 Ton		Manual	6'	80-1/2" x 53" x 30"	35-1/2"	14-7/8"	9	7-1/2" ~ 55-1/2"	760 Lbs.
HW93401			Air	10'						
HW93402			Electric	6'						
HW93403			Air	10'						
HW93404	100 Ton	13"	Electric	6'	89" x 63" x 30"	16-1/4"	6	12" ~ 52"	1,500 Lbs.	
HW93610			Electric	6'						

HW93309 25 Ton Shop Press Accessories Kit

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)
- G.W. 38 Lbs.



Made in **USA** ***

HW93409 55 Ton Shop Press Accessories Kit

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)
- G.W. 79 Lbs.



Made in **USA** ***



HW93291

HW93294

HW93291 1 Quart Premium Jack Oil & HW93294 1 Gallon Premium Jack Oil

Made in **USA** ***

Model Number	Volume	Viscosity Index	Viscosity @ 100°F (S.U.S.)	Viscosity @ 210°F (S.U.S.)	ASTM Grade	Flash Point	Pour Point	API Gravity
HW93291	1 quart	144 min.	234	53	215	403 °F	-33 °F	30.8
HW93294	1 gallon							

SHOP PRESS ACCESSORIES KITS & JACK OIL



AIR ACTUATED BOTTLE JACKS

- Effortless air operation will greatly reduce operator fatigue and speed up the efficiency of garage work
- 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
- U.S. Patent No.5,946,912, a built-in by-pass device protects hydraulic system from over pumping damage
- Versatile "Quick Connector" design provides for easy removal of air hose from air motor allowing compact storage or remote operation
- All air bottle jacks have chrome plated rams



18502
50 Ton Capacity



18992
100 Ton Capacity



18205
20 Ton Capacity



18302C
30 Ton Capacity

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



18125
12 Ton Capacity



18122C
12 Ton Capacity



18202C
20 Ton Capacity

18122C & 18202C are made with welded construction which eliminates contaminants from entering hydraulic system and provides leak free operation.

Model	Capacity	Minimum Height	Maximum Height	Hydraulic Lifting	Extension. Screw	Base Size Length	Base Size Width	G.W.
18122C	12 Ton	9-1/2"	18-1/2"	5-1/2"	3-1/2"	8"	6-1/2"	31 Lbs.
18125	12 Ton	9-1/2"	18-5/8"	6"	3-1/8"	8-7/8"	5-3/4"	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.
18205	20 Ton	9-1/2"	18-1/4"	5-5/8"	3-1/8"	9-1/4"	6-3/4"	39 Lbs.
18209	20 Ton	8-1/8"	15-1/2"	4"	3-3/8"	8-1/2"	7-1/4"	35 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"	N/A	10-7/8"	7-3/8"	139 Lbs.
18992	100 Ton	12"	18-1/8"	6-1/8"	N/A	12-5/8"	9-3/8"	218 Lbs.



SIDE PUMP BOTTLE JACKS



- Hydraulic system is protected from internal damage by a by-pass mechanism U.S. Patent No.5,946,912
- Machined and polished cylinders with die-cut threads provide non-abrasive leak-free, durable performance
- Fabricated from hard-cast steel with heat-treated critical stress areas
- Unique cross-type forged release valve assures positive load control
- A wide, rugged base provides stability and strength

Model	Capacity	Minimum Height	Maximum Height	Hydraulic Lifting	Extension Screw	Base Size Length	Base Size Width	G.W.
10025C	2 Ton	7-1/4"	13-5/8"	4-3/8"	2"	3-3/4"	3-5/8"	7 Lbs.
10045C	4 Ton	8"	15-3/8"	5"	2-3/8"	4"	3-7/8"	9 Lbs.
10065C	6 Ton	8-5/8"	16-3/4"	5-1/8"	3"	4-1/4"	4"	12 Lbs.
10085C	8 Ton	8-7/8"	17-5/8"	6"	2-3/4"	4-3/4"	4-3/4"	14 Lbs.
10125C	12 Ton	9-1/2"	18-5/8"	6"	3-1/8"	5-1/4"	5-1/8"	18 Lbs.
10129C		6"	10-5/8"	3"	1-5/8"	5-1/4"		14 Lbs.
10205C	20 Ton	9-1/2"	18-5/8"	6"	3-1/8"	6-1/4"	5-7/8"	27 Lbs.
10209C		6-1/2"	11-1/4"	3-1/8"	1-5/8"	6-1/4"		21 Lbs.
10300	30 Ton	11"	18"	7"	N/A	8-1/8"	6-7/8"	55 Lbs.
10500	50 Ton	9-1/2"	13-7/8"	7"	N/A	10-7/8"	7-5/8"	107 Lbs.

OMNI™ BOTTLE JACKS

- Hydraulic system is protected from internal damage by a by-pass mechanism U.S. Patent No.5,946,912
- Machined and polished cylinders with die-cut threads provide non-abrasive leak-free, durable performance
- Fabricated from hard-cast steel with heat-treated critical stress areas
- A wide, rugged base provides stability and strength
- Will operate at verticle or horizontal position



16123
12 Ton Capacity

16203
20 Ton Capacity



Model	Capacity	Minimum Height	Maximum Height	Hydraulic Lifting	Extension. Screw	Base Size Length	Base Size Width	G.W.
16123	12 Ton	9-1/2"	18-5/8"	6"	3-1/8"	5-1/4"	5-1/8"	18 Lbs.
16203	20 Ton					6-1/4"	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
- Unique cross-type forged release valve assures positive control
- A wide, rugged base provides stability and strength
- In-line pump allow for easy jack positioning under load



10128
12 Ton Capacity

10208
20 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 Lbs.
10128		6"	10-3/4"	3-1/8"	1-5/8"			16 Lbs.
10200	20 Ton	9-1/2"	18-5/8"	6"	3-1/8"	7-3/4"	5"	28 Lbs.
10208		6-1/2"	11-1/4"	3-1/8"	1-5/8"			23 Lbs.

IN-LINE BOTTLE JACKS & TOE JACKS

TOE JACKS

- Heat-treated medium-carbon steel cylinder
- Dual lift points
- 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



13060
3 Ton Capacity

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"	8-5/8"	7-1/2"	36 Lbs.
13120	6 Ton	7/8"	6"	10-1/2"	15-5/8"		11"	7-1/2"	55 Lbs.
13200	10 Ton	1-1/8"	6-1/4"	11"	16-1/8"		11-5/8"	9-1/4"	84 Lbs.



MAGIC LIFT SERVICE JACKS

One Piece Handle

- Innovative design of Magic Lift, U.S. Patent No.5,755,099 offers a quick lift for professional performance
- Heavy gauge construction with rugged universal joint release valve
- U.S. Patent No.5,946,912, a built-in by-pass device protects hydraulic system from over pumping damage
- 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
- Rolled side frame adds strength and rigidity to reduce twisting



25025A
2-1/2 Ton Capacity

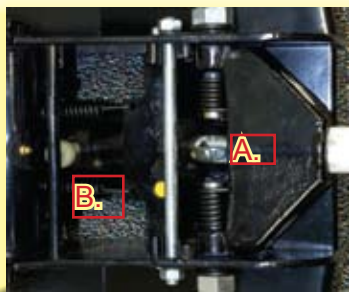


25025
2-1/2 Ton Capacity

One Piece Handle



25037
3 Ton Capacity



A. Universal joint release mechanism provides precision control of load descent in any handle position (Available in 25025 and 25037)

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



MAGIC LIFT SERVICE JACKS

Model	Capacity	Minimum Height	Maximum Height	Handle Length	Saddle Diameter	Jack Size Length	Jack Size Width	Jack Size Height	G.W.
25025	2-1/2 Ton	4"	20"	49-7/8"	5-1/2"	29-3/4"	13-1/4"	6-1/4"	95 Lbs.
25025A			23"			31-7/8"	15-3/8"	7-3/8"	143 Lbs.
25037	3 Ton								



MAGIC LIFT SWIVEL HANDLE SERVICE JACK

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



Breather plug assembly, U.S. Patent No.6,318,401



Swivel Handle, U.S. Patent No.6,505,816, rotated 120° to allow for pumping in tight lifting area

26025
2-1/2 Ton Capacity

Model	Capacity	Minimum Height	Maximum Height	Handle Length	Saddle Diameter	Jack Size Length	Jack Size Width	Jack Size Height	G.W.
26025	2-1/2 Ton	4"	20"	49-7/8"	5-1/2"	31"	13-1/4"	6-1/4"	106 Lbs.

MAGIC LIFT SERVICE JACKS

MAGIC LIFT ALUMINUM JACK

- 3-3/4 inch low pickup height for easy access to low profile performance
- Innovative design of Magic Lift, U.S. Patent No.5,755,099 offers a quick lift for professional performance
- 48 inch aluminum handle for strength when pumping
- A built-in by-pass device protects hydraulic system from over pumping damage, U.S. Patent No.5,946,912
- Side frame handles allow for easy lift and carry

Anti-slip release handle, U.S. Patent No.7,036,797

Breather plug assembly, U.S. Patent No.6,318,401



All Aluminum Structure



26020
2 Ton Capacity

Model	Capacity	Minimum Height	Maximum Height	Handle Length	Saddle Diameter	Jack Size Length	Jack Size Width	Jack Size Height	G.W.
26020	2 Ton	3-3/4"	18-1/2"	44"	4-7/8"	27-3/4"	12-1/4"	6-1/4"	45 Lbs.



HIGH LIFT MAGIC LIFT SERVICE JACK



Breather plug assembly,
U.S. Patent No.6,318,401



25023
2 Ton Capacity

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

Model	Capacity	Minimum Height	Maximum Height	Handle Length	Saddle Diameter	Jack Size Length	Jack Size Width	Jack Size Height	G.W.
25023	2 Ton	3-7/8"	32-1/8"	53-3/4"	5-1/2"	42-1/2"	15-3/8"	7-3/4"	164 Lbs.

LOW PROFILE MAGIC LIFT SERVICE JACK



- Extra long low side frames designed for long reach under the car chassis
- Innovative design of Magic Lift, U.S. Patent No.5,755,099 offers a quick lift for professional performance
- Wide stance and low center of gravity provides optimum stability under load stress
- Universal joint release mechanism provides precision control of load descent in any handle position
- Exclusive designed breather plug eliminates air in the hydraulic system, optimizing jack performance
- A built-in by-pass device protects hydraulic system from over pumping damage, U.S. Patent No.5,946,912

Breather plug assembly,
U.S. Patent No.6,318,401



29023
2 Ton Capacity

29025
2 Ton Capacity

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

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"	123 Lbs.
29025			19-5/8"			30"	13-5/8"	87 Lbs.

MAGIC LIFT SERVICE JACKS



MAGIC LIFT SERVICE JACK

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

Breather plug assembly,
U.S. Patent No.6,318,401



HANDLE



The Handle connection is specially re-inforced to be as firm as the one piece handle

25030
3 Ton Capacity

Model	Capacity	Minimum Height	Maximum Height	Handle Length	Saddle Diameter	Jack Size Length	Jack Size Width	Jack Size Height	G.W.
25030	3 Ton	5-3/4"	20"	42-1/8"	5-1/2"	27-1/2"	13-3/8"	6-3/8"	90 Lbs.

MAGIC LIFT SERVICE JACK COMBO

Breather plug assembly,
U.S. Patent No.6,318,401



25032
3 Ton Capacity
with 3 Ton Jack Stands
(rated capacity per pair)

- Innovative design of Magic Lift, U.S. Patent No.5,755,099 offers a quick lift for professional performance
- A built-in by-pass device protects hydraulic system from over pumping damage, U.S. Patent No.5,946,912
- Steel frame construction for added strength
- Wide solid stance for extra stability
- Packed in one box for easy storage and delivery



Model	Capacity (per pair)	Minimum Height	Maximum Height	Saddle Size	Base Size (L X W)	G.W. (pair)
32035 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.
25032 Service Jack	3 Ton	5-1/4"	20-7/8"	42-1/8"	5"	27-1/8"	13-3/8"	6-3/4"	99 Lbs.



MAGIC LIFT LONG CHASSIS SERVICE JACKS

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

Breather plug assembly,
U.S. Patent No.6,318,401



25057
5 Ton Capacity

FAST & SAFE!
Convenient foot pedal
designed for fast, no
load lifts.



25107
10 Ton Capacity

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"	167 Lbs.
25057	5 Ton	6-1/2"	22-1/4"	40"	6-1/2"	52-1/2"	17-1/8"	7-1/4"	203 Lbs.
25058C		7"		49-1/2"	6-5/8"			57-3/4"	
25107	10 Ton	6-7/8"	27"	45-7/8"	6-1/2"	55-7/8"	19-5/8"	9-5/8"	308 Lbs.

AIR ACTUATED SERVICE JACK

- Handle actuated release valve provides metered control at any desired lowering speed
- 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
- Safety by-pass and over-load systems protect hydraulics, U.S. Patent No.5,946,912

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



21032
3 Ton Capacity

Fingertip remote control
for added safety without
sacrificing the manual operation.

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"	5-1/8"	30"	13-3/8"	6-3/8"	104 Lbs.



SERVICE JACKS

FAST & SAFE!
Convenient foot pedal
designed for fast, no load lifts
U.S. Patent No. 5,431,369

- 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
- Largest saddle in category
- Extra wide wheels and solid stance designed for stability under load stress



21025
2-1/2 Ton Capacity



21030
3 Ton Capacity

Model	Capacity	Minimum Height	Maximum Height	Handle Length	Saddle Diameter	Jack Size Length	Jack Size Width	Jack Size Height	G.W.
21025	2-1/2 Ton	5"	19-1/2"	42-1/8"	5"	25-3/8"	13-1/8"	6-1/2"	73 Lbs.
21030	3 Ton	5-1/4"	19"			27-1/2"	13-3/8"	6-3/8"	87 Lbs.

LONG CHASSIS SERVICE JACKS

- Handle actuated release valve provides metered control at any desired lowering speed
- Wide stance and low center of gravity provide optimum stability under load stress
- Heavy gauge, steel frame helps prevent distortion and twisting
- A built-in by-pass device protects hydraulic system from over pumping damage, U.S. Patent No.5,946,912

FAST & SAFE!
Convenient foot pedal
designed for fast ,
no load lifts.



22050C
5 Ton Capacity



22100C
10 Ton Capacity

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"	42-1/8"	5-1/2"	50-5/8"	15-3/8"	7-1/2"	156 Lbs.
22050C	5 Ton	7"	27"		6-1/2"	57-3/4"	17"	7-5/8"	233 Lbs.
22100C	10 Ton				7-3/8"	54-3/4"	20"	12-3/4"	436 Lbs.

SERVICE JACKS



AIR ACTUATED LONG CHASSIS SERVICE JACKS

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



LONG CHASSIS SERVICE JACKS

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"	42-1/8"	5-1/2"	50-5/8"	15-3/8"	7-1/2"	159 Lbs.
22051C	5 Ton	7"	27"		6-1/2"	57-3/4"	17"	7-5/8"	237 Lbs.
22101C	10 Ton				7-3/8"	54-3/4"	20"	12-3/4"	441 Lbs.
22201	20 Ton	7-1/2"	26"	48"	6-1/8"	62-1/4"	20-3/8"	11-3/4"	550 Lbs.
22203		13"	39-1/2"	49-1/2"	6-1/8"	74"	30-3/8"	14-3/8"	677 Lbs.



SINGLE STAGE TRUCK JACKS

- A choice of three handle angles:
 - 90° for space saving storage
 - 45° for easy carrying movement
 - 0° for access to lifting point
- 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
- Large steel wheels for easy positioning and smooth motion
- Sturdy one piece handle assembly is standard on all Omega Truck Jacks
- User friendly, self-returning spring minimizes operators effort, greatly reducing fatigue
- In-line air filter traps contaminants and protects air motor for longer life
- Chrome plated rams
- 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

FAST & SAFE!
Effortlessly raises the saddle quickly, then power lifts to desired height.



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

Model	Capacity	Minimum Height	Maximum Height with adapter	Extension Screw	Handle Length	Jack Size (L X W)	G.W.
23221	22 Ton	9-7/8"	22"	3-7/8"	48-3/4"	22-7/8" X 13-3/4"	98 Lbs.
23222		8-1/4"	21-7/8"			21-7/8" X 12-3/8"	99 Lbs.
23301	30 Ton	11"	18"	N/A		22-7/8" X 12-1/2"	122 Lbs.
23501	50 Ton	12"	19"			22-7/8" X 13-3/4"	174 Lbs.
23991	100 Ton		18-1/8"	26" X 15-3/4"	250 Lbs.		

TRUCK JACKS



DUAL STAGE TRUCK JACKS

Fingertip remote control for added safety

- Compact, low profile design for maximum access, which fits easily and safely between wheels of tandem axle vehicle
- A built-in by-pass device protects hydraulic system from over pumping damage, U.S. Patent No.5,946,912
- 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
- Large steel wheels for easy positioning and smooth motion
- Sturdy one piece handle assembly is standard on all Omega Truck Jacks
- Handle-top metered control release valve for easy height adjustment, safely away from load

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

Two 2-3/4" Adapters Standard on 23401

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

23227

Double Ram Model

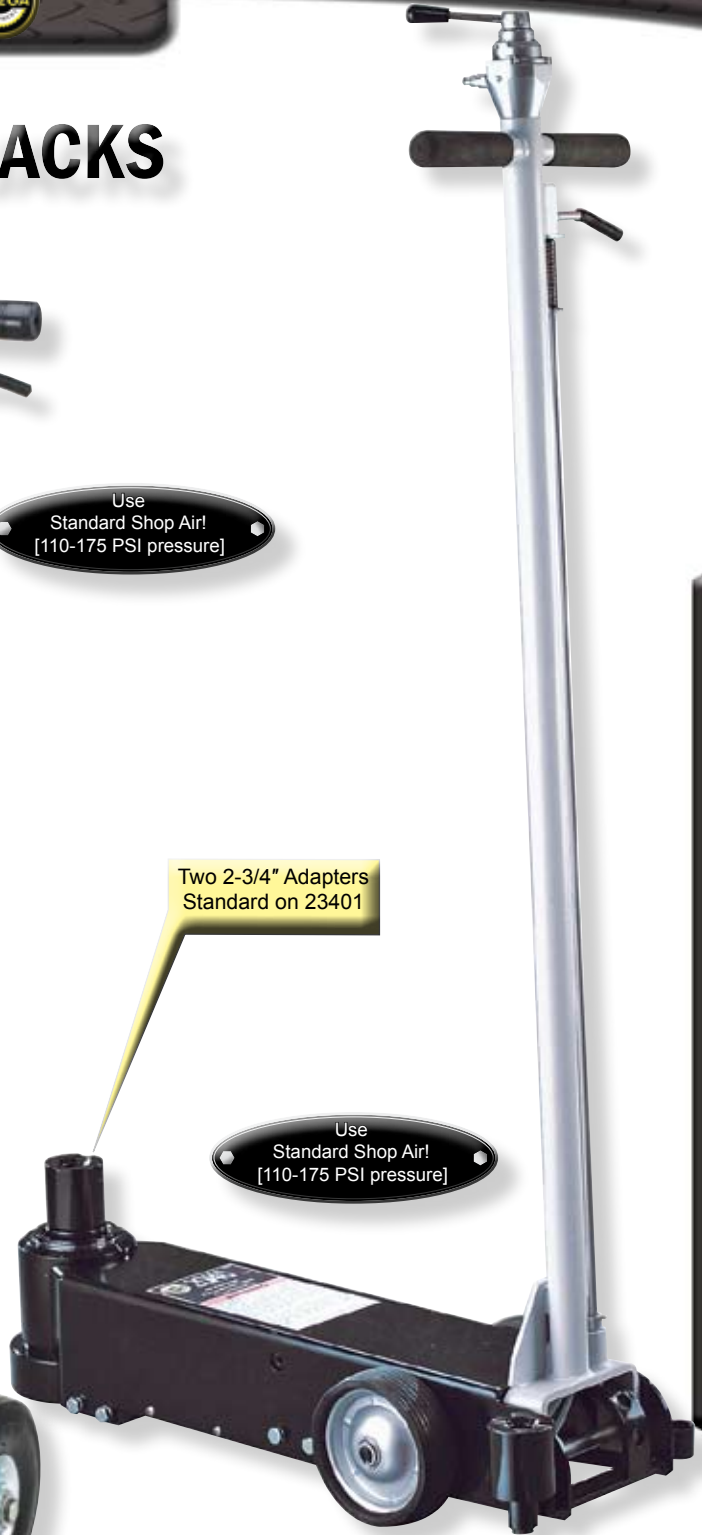
35 Ton Capacity on the first ram
22 Ton Capacity on the second ram



23401

Double Ram Long Chassis

40 Ton Capacity on the first ram
20 Ton Capacity on the second ram



TRUCK JACKS

Model	Capacity	Minimum Height	Maximum Height with Adapter	Extension Screw	Handle Length	Jack Size (L X W)	G.W.
23227	35/22 Ton	8-1/4"	19-5/8"	3-1/4"	40-7/8"	21-5/8" X 13-7/8"	100 Lbs.
23401	40/20 Ton	7-1/4"	20-1/8"	N/A	51-1/8"	86-1/4" X 10-1/4"	132 Lbs.



TELESCOPIC TRANSMISSION JACKS

- Chrome-plated rams maximize its high reach operated by a user-friendly foot pedal (except 40700)
- Extra-wide base lowers center of gravity and promotes stability
- Rugged steel wheels and full swivel ball bearing casters
- A unique foot release pedal provides controlled lowering of load
- 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 (41001 and 42001)

Adjustable ratchet saddle for quick adjustment for most pan configurations

TELESCOPIC TRANSMISSION JACKS



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"	136 Lbs.
41000	1/2 Ton	37-7/8"	77-5/8"	8-7/8" X 7-1/8"	11-1/2" X 11-1/2"	21" X 21"	34-1/8" X 36-1/8"	179 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"	148 Lbs.
42003	1 Ton	48-5/8"	77-3/8"	15-1/2" X 12-5/8"	15-1/2" X 12-5/8"	24-1/2" X 18-7/8"	42-1/2" X 39-1/2"	306 Lbs.



AIR ACTUATED TELESCOPIC TRANSMISSION JACKS

Fuel Tank Adapter



40080: Fuel Tank Adapter

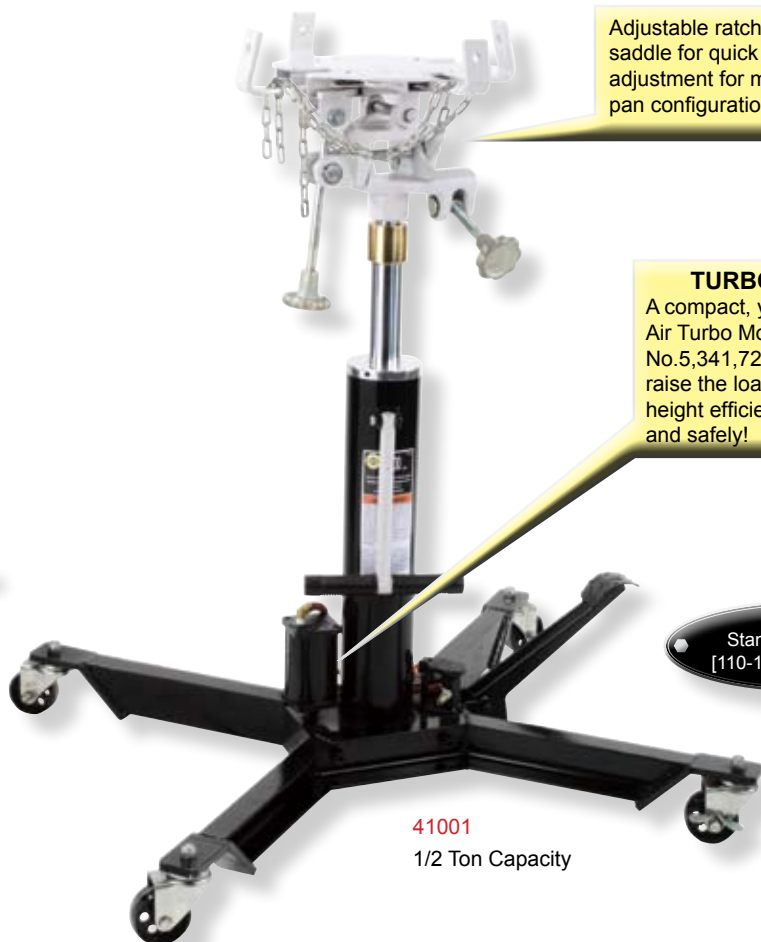
Specifically designed to enable the telescopic transmission jack to be used in the removal and installation of fuel tanks
(Available separately)

Adjustable ratchet saddle for quick adjustment for most pan configurations

TURBO MOTOR

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!

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



41001
1/2 Ton Capacity



42001
1 Ton Capacity

TELESCOPIC TRANSMISSION JACKS

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.
41001	1/2 Ton	110-175 PSI	37-7/8"	77-5/8"	8-7/8" X 7-1/8"	11-1/2" X 11-1/2"	21" X 21"	34-1/8" X 36-1/8"	196 Lbs.
42001	1 Ton		48-5/8"	77-3/8"	15-1/2" X 12-5/8"	15-1/2" X 12-5/8"	24-1/2" X 18-7/8"	42-1/2" X 39-1/2"	317 Lbs.



FLOOR STYLE TRANSMISSION JACKS

- The adjustable head can be tilted forward, backward and side to side for optimum alignment of transmission bolt pattern and pins
- Hydraulic system is protected from internal damage by a patented by-pass mechanism, U.S. Patent No.5,946,912
- Load-restraining chain is vital for raising or lowering safety
- Four wheel caster allow easy movement, positioning of transmission jack
- Rugged steel wheels and full swivel ball bearing casters
- User friendly 360° rotating pumping socket for the maximum in directional operation



43000
1-1/2 Ton Capacity



42000C
1 Ton Capacity



41100C
1/2 Ton Capacity

Model	Capacity	Minimum Height	Maximum Height	Handle Length	Saddle Base	Expanded Saddle Area	Jack Size (L X W)	G.W.
41100C	1/2 Ton	8-1/2"	24-3/4"	22-1/2"	12-5/8" X 7-7/8"	17" X 9-3/8"	31" X 15"	106 Lbs.
42000C	1 Ton	7-7/8"	33-1/2"		14-1/4" X 8"	17" X 15-3/4"	39-3/8" X 19-1/8"	198 Lbs.
43000	1-1/2 Ton			37-1/4"	29-1/2"	15-1/2" X 13-1/4"	24-7/8" X 19"	46-3/4" X 25-5/8"

FLOOR STYLE TRANSMISSION JACKS



CLUTCH JACK

- Handles 14" and 15-1/2" clutch assembly, removal and installation becomes a one man operation
- Spline rotates 360°, turns side to side and vertically tilts for precise clutch alignment
- Conveniently located release valve and 360° rotating pump handle allows precise alignment when replacing a clutch
- 4 swivel casters maneuver jack with ease
- Includes 1-3/4" and 2" spline standard
- Patented splined shaft assembly for clutch support, U.S. Patent No.6,189,864 under license from Gray Automotive Products, Inc.



40500
500 Lbs. Capacity

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.

CLUTCH JACK & FORKLIFT JACK

FORKLIFT JACKS

- Precision control of lifting and lowering functions
- 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 (28047)



Universal, serrated saddle positively grips load

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

Massive side frames add strength

TURBO MOTOR
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!

28047
4 Ton Capacity with air

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	96 Lbs.



BRAKE DRUM HANDLER

- Ideal for removing and installing truck brake drums
- Works on 15" and 16-1/2" drums
- Detachable handle for convenient storage



46000

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

- Hydraulic system actuated to provide smooth, positive power for the removal and installation of single, tandem and duplex tires and wheels
- Lift arms can be adjusted to handle different wheel combinations



47053
3/4 Ton Capacity



47050
3/4 Ton Capacity

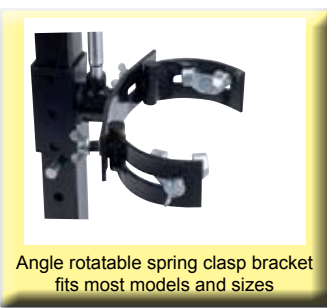
Model	Capacity	Lifting Range	Lifting Arm Dimension	Tilt Range	Product Size (L X W X H)	G.W.
47050	3/4 Ton	3" - 9"	27-1/2" X 26"	-2.5° - 5.5°	42-7/8" X 38-1/2" X 34-5/8"	201 Lbs.
47053		2-1/4" - 11"	25-7/8" X 25-1/4"	-2.5° - 10°	43-1/2" X 43" X 34-7/8"	160 Lbs.

BRAKE DRUM HANDLER & WHEEL DOLLIES



STRUT SPRING COMPRESSOR

- Smooth, long stroke hydraulic actuator
- Adjustable strut shaft clasp secures the strut during operation
- Angle rotatable spring clasp bracket fits most models and size
- Sliding ram bracket provides multiple height adjustment
- Optional leg assembly for easy maneuverability



Angle rotatable spring clasp bracket fits most models and sizes



90001: Roll around leg assembly (Available separately)



90000

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"-14-1/4"	4"-10"	12-1/4" X 11-7/8" X 52-5/8"	103 Lbs.

PIPE BENDER

- Develops 15 tons of thrust at 10,000 PSI
- Heavy steel welded construction
- Complete with 8 attachments for a wide variety of pipe diameters
- Capable of bending most standard tubing from 1/2" up to 3"
- included attachments



66150C

8 Adapters standard on 66150C

1/2" 3/4" 1" 1-1/4" 1-1/2" 2-1/2" 3"

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.

STRUT SPRING COMPRESSOR & PIPE BENDER



RATCHET STYLE JACK STANDS

SOLD AND TO BE USED ONLY IN PAIRS

- Counter-weighted pawl locks ratchet bar securely in place
- Sturdy, welded steel construction
- One piece, multi-position ductile iron ratchet bar



32125 12 Ton Capacity Per Pair 32035 3 Ton Capacity Per Pair 32065 6 Ton Capacity Per Pair

Model	Capacity (per pair)	Minimum Height	Maximum Height	Saddle Size	Base Size (L X W)	G.W. (pair)
32035	3 Ton	11-1/2"	17"	3-1/2" X 1"	6-3/4" X 7-3/4"	16 Lbs.
32065	6 Ton	15-3/8"	24-1/4"	4-1/4" X 1-1/4"	9-1/4" X 10-5/8"	32 Lbs.
32125	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

- Sturdy, welded steel construction
- Heavy gauge, steel frame helps prevent twisting



Model	Capacity (per pair)	Minimum Height	Maximum Height	Saddle Size	Base Size Width	G.W. (pair)
32075	7 Ton	9-3/8"	14-1/8"	3-1/2" X 2-3/8"	8-3/4" X 8-3/4"	25 Lbs.
32105	10 Ton	18-5/8"	30-1/2"	3-1/8" X 5"	16" X 16"	88 Lbs.
32107	10 Ton	28"	47"	3-3/8" X 5"	16" X 16"	120 Lbs.
32225	22 Ton	12-1/4"	19-7/8"	3-1/8" X 2-3/4"	9-3/4" X 9-3/4"	65 Lbs.

JACK STANDS



AUXILIARY STANDS AND HIGH REACH SUPPLEMENTARY STAND

- Fast and safe technology for professional mechanics
- Heavy gauge, steel frame helps prevent distortion or twisting
- Auxiliary stands provide partial support for components
- High reach supplementary stand prevents tipplings, rocking of vehicle
- They are not designed to support the vehicle



31500
3/4 Ton Capacity



31501
3/4 Ton Capacity

Foot pedal allows easy load movement



33020
2 Ton Capacity

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

- Designed specifically for heavy-duty tasks
- Large wheel designs for extra durability
- Non-skid rubber matting enhances operation safety
- Long retractable T-handle for easy positioning

SOLD AND TO BE USED ONLY IN PAIRS



93200
20 Ton
Rated Per Pair

93201
20 Ton Rated Per Pair
Wide Bases

Model	Capacity (per pair)	Frame Size (L X W X H)	Handle Length	Maximum Vehicle Tire Width	G.W. (Pair)
93200	20 Ton	45-5/8" X 13-1/2" X 9-1/4"	33"	10-3/4"	274 Lbs.
93201		45-5/8" X 18-1/4" X 9-1/4"		15-1/2"	338 Lbs.

AUXILIARY STAND, HIGH REACH SUPPLEMENTARY STANDS & TRUCK RAMPS



ENGINE STANDS

- Constructed from heavy-gauge welded square tubular steel
- Extra-long handle with rubber grip for easy rotation and maneuvering
- Head plate locks in 8 positions and rotates 360° (30750)

SMOOTH ROTATION
Heavy duty worm gear allows for smooth and effortless engine rotation



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"		56 Lbs.
31250	1,250 Lbs.	33-3/8" X 33-7/8"	42-3/4"	7-1/2" X 6-1/2" X 5/8" X 10-1/2"	5/8"	3-1/2"	20-1/4"	87 Lbs.
31252		41-3/4" X 23-5/8"						93 Lbs.
31256		N/A					117 Lbs.	

ENGINE STANDS



SHOP PRESSES WITH BOTTLE JACKS



60120

12 Ton Capacity

Arbor plates included

- Ideal for the removal or installation of gears, universal joints, pulleys, wrist pins, and other various press jobs
- Excellent for bending, bonding, or straightening applications
- Multi-position bed for work height adjustment
- Heavy steel welded construction
- Hydraulic system is protected from internal damage by a patented by-pass mechanism, U.S. Patent No.5,946,912



60200

20 Ton Capacity

Arbor plates included

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"	129 Lbs.
60200	20 Ton		2-1/2"	34-1/8"		28" X 28" X 64-1/2"	251 Lbs.

BENCH, SHOP PRESSES & HAND PUMPS

65123

12 Ton Capacity
(Bench Top)

Arbor plates included



55101

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

55125

12 Ton Hydraulic Assembly model 60123 & 65123



60253

25 Ton Capacity

Arbor plates included

55255

25 Ton Hydraulic Assembly model 60253

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"	3-1/8"	34-3/4"	8	28" X 28" X 59"	211 Lbs.
60253	25 Ton		2-1/2"	34-1/4"			270 Lbs.
65123	12 Ton			16-1/8"	4	21-1/4" X 16-1/8" X 31-1/2"	168 Lbs.



ENGINE CRANES

- Heavy duty welded construction with rugged reinforced tubular steel
- Metered control release valve for lowering boom at a precisely controlled rate of speed
- Special 8 ton hydraulic long rams are equipped with a patented built-in by-pass mechanism

ENGINE CRANES & LONG JACKS



44020
2 Ton Capacity

44010
1 Ton Capacity
Folding Design

44010 Folded position

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	-	86-5/8"							
44020	2 Ton	18-3/8"	69-1/4"	62-1/2"	29"~33-7/8"	34-5/8"~53-1/8"	57"	3-1/2"	317 Lbs.	
	1-1/2 Ton	14"	75-1/4"	71-1/2"						
	1 Ton	9-1/4"	81-1/4"	80-1/2"						
	1/2 Ton	5"	86-1/2"	89-1/2"						



Crane Jacks

- Hydraulic system is protected from internal damage by a patented by-pass mechanism, U.S. Patent No.5,946,912
- Machined and polished cylinders with die-cut threads provide non-abrasive leak-free, durable performance
- Fabricated from hard-cast steel with heat-treated critical stress areas
- A wide, rugged base provides stability and strength

Crane jacks have internal load-limiting device to protect crane and user from overload.



44980
8 Ton Capacity

44940
4 Ton Capacity

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	17 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	31 Lbs.
44981 Air				7-1/8" X 5"		38 Lbs.

BEAD BREAKER



22910

- 5" opening
- Works on single rimmed wheels
- Constructed from rugged steel
- Works with any 10,000 PSI pump

Bead Breaker Combo

22953

22953: Bead Breaker Combo
The set includes:

- Bead beaker (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.

CRANE JACKS & BEAD BREAKER



BODY REPAIR KITS



50040
4 Ton Capacity



- Sets are portable for easy usage in shop or on the road
- Custom fitted, rugged blow-molded storage case, U.S. Patent No.5,520,400. 10 ton set has wheels or easy movement
- 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
- A variety of attachments are included
- Pumps are rated from 8,000 to 10,000 PSI

BODY REPAIR KITS



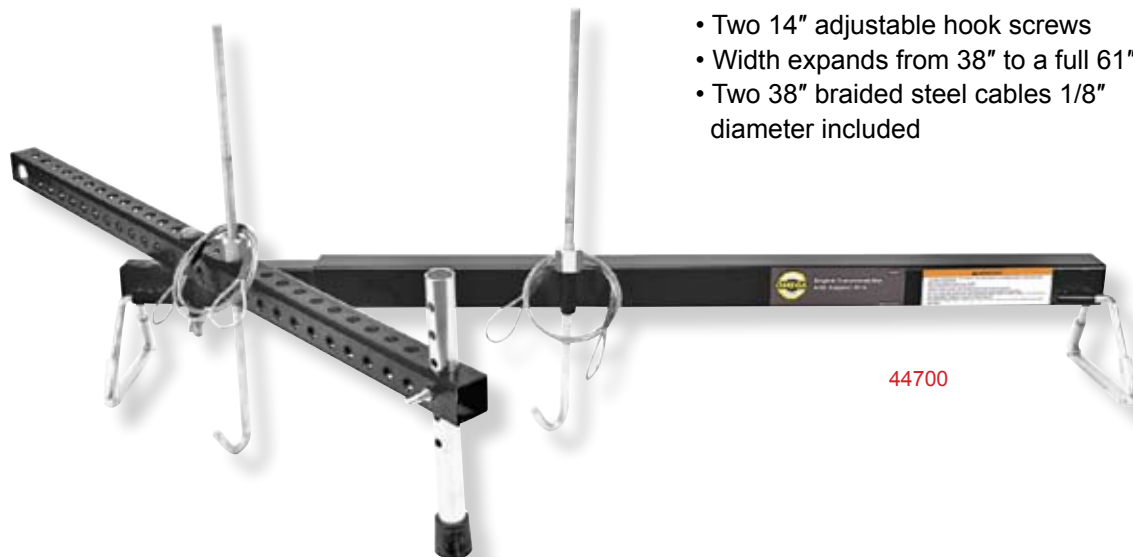
50100
10 Ton Capacity

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

- 700 Lbs. capacity adjustable transverse bar
- Two 14" adjustable hook screws
- Width expands from 38" to a full 61"
- Two 38" braided steel cables 1/8" diameter included



44700

Model	Capacity	Width Expand	Hook Thread Length	G.W.
44700	700 Lbs.	38" ~ 61"	12.5"	28 Lbs.

Z CREEPER

- Frame thickness 3/4"(W) X 1-5/8"(H)
- Fully upholstered Pad
- Six 3" polyurethane wheels
- Powder coat finish
- U.S. Patent No.6,969,077



From creeper to chair in one motion



91000

Model	Capacity	Dimensions (L X H X W)	G.W.
91000	450 Lbs.	39-7/8" X 6-1/2" X 19"	19.9 Lbs.



ENGINE TRANSVERSE BAR & Z CREEPER



MOTORCYCLE/ATV JACK



49154
3/4 Ton Capacity

- Safety lock mechanism for supporting purpose
- Rubber padded lifting platform prevents scratching and protects your machine
- Non-slip foot pedal allows effortless lifting of load
- Foot pedal operated power unit
- Tie down strap included

Model	Capacity	Minimum Height	Maximum Height	Base Size Length	Base Size Width	G.W.
49154	3/4 Ton	4-1/2"	16-1/2"	34-7/8"	33-1/2"	96 Lbs.

Low Profile Cylinder Kit

- Compact design for use in confined spaces
- 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
- Includes stackable 1", 2", and 3" aluminum adapters that conveniently snap into the base of the ram

- Includes high flow ball coupler and dust cap
- Convenient storage case to keep cylinder and adapters together



70101
10 Ton Capacity



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.



AIR ACTUATED FOOT PUMPS



22905
122 in³ Reservoir



22903
91.5 in³ Reservoir

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

- User friendly foot-actuated design for easy control of moving fluid at tremendous rate
- Uses 3/8" NPTF fluid coupler
- Built-in pressure by-pass system protect overload operation
- Efficiently operates single-acting rams applications in many industrial and construction
- Provides up to 10,000 PSI with standard shop air supply of 110-175 PSI
- 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
- U.S. Patent No.5,946,912, a built-in by-pass device protects hydraulic (22905) system from over pumping damage
- Made of durable light weight corrosion-free aluminum

Model	Usable Oil Capacity	Pressure Rating	Air Pressure Rating	Output Flow Rate		G.W.
				No Load	Load	
22903	91.5 in ³	10,000 PSI	110-175 PSI	67 in ³ /min.	6.71 in ³ /min.	20 Lbs.
22905	122 in ³			61.02 in ³ /min.	9.15 in ³ /min.	22 Lbs.

HYDRAULIC CYLINDERS

- Omega Hydraulics Single Acting Cylinders are designed for rated capacity pushing, spreading and pressing jobs
- 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
- Includes high flow ball coupler and dust cap



70104 10 Ton Capacity **70106** 10 Ton Capacity **70109** 10 Ton Capacity **70108** 10 Ton Capacity **70102** 10 Ton Capacity

Model	Capacity	Stroke	Cylinder Effective Area	Collapsed Height	Extended Height	Internal Pressure at Capacity	Cylinder Outside Dimension	Ram Plunger Dimension	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"				10 Lbs.
70108		7.95"		11.85"	19.8"				12 Lbs.
70109		9.96"		13.86"	23.82"				14 Lbs.

AIR ACTUATED FOOT PUMPS & HYDRAULIC CYLINDERS

4 TON PORTO-POWER KIT

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 spreader features 2" jaws and 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	46 Lbs.

10 TON PORTO-POWER KIT

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 KIT

B65041

20 Ton Porto-Power Kit

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, spread materials apart and pull heavy duty machinery and sections. This is a heavy duty set all the way for making bull-work repairs easier.



- A. B65073 • Wood Chest
- B. B65775 • Chain Pull Plate
- C. B65768 • 24" Extension Tube
- D. B65766 • 18" Extension Tube
- E. B65764 • 10" Extension Tube
- F. B65762 • 5" Extension Tube
- G. B65760 • 3" Extension Tube
- H. B65770 • Connector
- I. B65772 • V Head
- J. B65776 • Threaded Coupling (3)
- K. B65421 • 2 Speed Automatic Pump
- L. B97518 • 8' Chain w/ hook
- M. B65773 • Wedge Head
- N. B65771 • Saddle (2)
- O. B65740 • 20 Ton Ram
- P. B65593 • 6' Hydraulic Hose
- Q. B65774 • Lifting Toe
- R. B65779 • Plunger Base
- S. B65778 • Ram Base
- T. B65581 • Male Coupler, 3/8" NPT
- U. B65582 • Female Coupler, 3/8" NPT

Model	Ram Capacity	Ram		Ram Effective Area	G.W.
		Closed Height	Extended Height		
B65041	20 Ton	10-13/16"	16-3/4"	5.14 in ²	206 Lbs.



HYDRAULIC HAND PUMPS

B65122

Air Hydraulic Hand Pump &

B65421

Air Hydraulic Hand Pump

- Lightweight and compact design
- Aluminum pump head for maximum corrosion resistance
- Two speed operation reduces handle strokes by as much as 78% over single speed pumps
- Lower handle effort to minimize operator fatigue
- Handle lock and lightweight construction for easy carrying
- Internal pressure relief valve for overload protection



B65421

B65122

Model	Capacity	Output Displacement Per Stroke		Operating Force	Piston Stroke	Oil Outlet Port	G.W. (with fluid)
		1 st Stage	2 nd Stage				
B65122	21.4 in ³	0.18 in ³	0.05 in ³	88 Lbs.	0.98"	1/4"-18NPTF	7 Lbs.
B65421	61 in ³	0.81 in ³	0.14 in ³	132 Lbs.	0.82"	3/8"-18NPTF	13 Lbs.

FLAT BODY RAMS

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



B65139



B65140



HYDRAULIC HAND PUMPS & FLAT BODY RAMS

Model	Capacity	Stroke	Effective Area	Oil Capacity	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	4 Ton	0.63"	1.1 in ²	0.69 in ³	1.63"	2.26"	2.26" X 1.58"	0.98"	0.74"	0.2"	1.1"	2 Lbs.	8,050 PSI	B69477
B65139	5 Ton	0.24"		0.26 in ³	1.26"	1.5"			0.80"					

AIR HYDRAULIC FOOT PUMPS

B65425 10,000 PSI Air Foot Operated Pump

- Maximum working pressure 10,000 PSI
- High strength aluminum reservoir is lightweight and corrosion resistant
- Suggested air pressure 110-175 PSI
- Pressure relief valve for overload protection
- Three-positions provide cylinder advance, hold, or retract operation
- 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

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



B65425

B65426 10,000 PSI Air Foot Operated Pump

- Rugged construction built for long life and easy operation
- Swivel coupling simplifies hydraulic connection and pump operation
- Three-positions provide cylinder advance, hold, or retract operation
- Operates in any position
- Base mounting plate included
- 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

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



B65426

B65427 10,000 PSI Air Foot Operated Pump

- Greater oil capacity to handle bigger jobs
- Maximum working pressure 10,000 PSI
- High strength aluminum reservoir is lightweight and corrosion resistant
- Suggested air pressure 110-175 PSI
- Pressure relief valve for overload protection
- Three-positions provide cylinder advance, hold, or retract operation
- 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

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



B65427

AIR HYDRAULIC FOOT PUMPS

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				
B65425	91.5 in ³	10,000 PSI	66	11	110-175 PSI	3/8"-18NPTF	1/4"-18 NPT	18 Lbs.
B65426	36.6 in ³		61	9				15 Lbs.
B65427	122 in ³		65	11				20 Lbs.

HYDRAULIC SETS



B65407

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

B65407 Hydraulic Set

- Combo includes B65426, B65593 and B65444
- Rugged construction – built for long life and easy operation
- Swivel coupling simplifies hydraulic connection and pump operation
- Three-positions provide cylinder advance, hold, or retract operation
- Operates in any position
- Base mounting plate included



B65428

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

B65428 Air Hydraulic Pump & Hose Combo

- Combo includes B65426 and B65293
- Rugged construction – built for long life and easy operation
- Swivel coupling simplifies hydraulic connection and pump operation
- Three-positions provide cylinder advance, hold, or retract operation
- Operates in any position
- Base mounting plate included

SPREADER



B65145

B65145 1 Ton Spreader

- Includes a B69477 Coupler
- Designed to work in confined working space
- Can be used with B65114 or B65115

Model	Capacity	Stroke	Cylinder Effective Area	Ram Collapsed Height	Ram Extended Height	G.W.
B65145	1 Ton	3.79"	1.09 in ²	0.47"	3.9"	5 Lbs.





HYDRAULIC RAMS

- Designed for use in all positions
- High strength alloy steel for durability
- Heavy duty return springs (except B65141)
- Baked enamel finish for increased corrosion resistance
- Collar thread protectors (except B65141)
- Rod wipers seal out contaminants
- Industrial hard chrome plated ram prevents rust corrosion



Regular Rams

Model	Capacity	Stroke	Effective Area
B65141	2 Ton	3.07"	0.76 in ²
B65553	5 Ton	3.07"	1.0 in ²
B65555		5.08"	
B65441	10 Ton	2.01"	2.24 in ²
B65446		5.94"	
B65449		9.96"	
B65746	25 Ton	5.94"	5.14 in ²

HYDRAULIC RAMS

B65141 B65441 B65553 B65555 B65446 B65746 B65449
Porto Power Rams

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
B65150	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

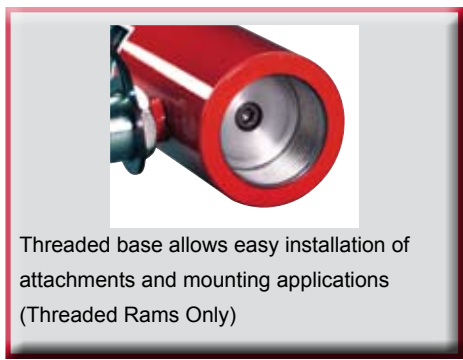
Model	Capacity	Stroke	Effective Area	Oil Capacity	Collapsed Height	Extended Height	Outside Diameter	Plunger Diameter	Base To Intel Port	Plunger Outside Thread & Base Internal Thread	G.W.	Operating Pressure
B65142	4 Ton	5.07"	1.0 in ²	5.00 in ³	10.31"	15.39"	1.50"	1.0"	1.33"	3/4"-14 NPTF	5 Lbs.	8,000 PSI
B65442	10 Ton	6.1"	2.24 in ²	13.44 in ³	11.61"	17.72"	2.27"	1.5"	1.67"	1-1/4"-11.5 NPTF	11 Lbs.	8,930 PSI
B65444		10.12"		22.40 in ³	15.63"	25.75"					15 Lbs.	
B65740	20 Ton	5.16"	5.14 in ²	25.70 in ³	11.77"	16.93"	3.35"	2.24"	1.85"	2"-11.5 NPTF	22 Lbs.	7,780 PSI



Oil Capacity	Collapsed Height	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			
2.28 in ³	5.39"	8.46"	1.31"	0.87"	0.46"	1.0"	N/A	N/A	N/A	2 Lbs.	10,000 PSI	B69477
3.00 in ³	6.65"	9.72"	1.5"	1.0"	0.79"	0.98"	0.20"	1.00"	0.76"	4.1 Lbs.		
5.00 in ³	8.7"	13.78"			0.75"	1.38"	0.28"	1.54"	0.87"	4.9 Lbs.	8,930 PSI	
4.48 in ³	4.84"	6.85"	0.77"	9 Lbs.								
13.44 in ³	9.84"	15.78"		2.26"	1.49"		0.31"	0.55"	14 Lbs.			
22.31 in ³	13.86"	23.82"	3.35"	2.24"	0.98"	2.13"	0.4"	2.3"	1.0"	23.1 Lbs.	9,730 PSI	B65582
30.84 in ³	10.71"	16.81"								B65582		



Coupler
B69477
B65582
B65582



Threaded base allows easy installation of attachments and mounting applications (Threaded Rams Only)



FRAME STRAIGHTENER

B93601B 10 Ton Capacity Pulling Post Package

- Use with common pot patterns or chainless anchor system
- Longer/wide base for stability
- Safety tie-down brackets
- Utilizes 10" ram for longer pulls

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

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



B. B65428



C. B65444



D. B97662



E. B97691



B93601B

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



B93075

FRAME STRAIGHTENER & ANCHOR POT



PULL RAMS

B65143

2 Ton Capacity Pull Ram with Hook

&

B65454

5 Ton Capacity Pull Ram with Hook

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



B65454

B65143

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	7 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	10 Lbs.	8,780 PSI	

PULL RAMS & ACCESSORIES

ACCESSORIES

Gauges

- B65782 • 4" Wet Gauge 1/4" NPTF
- B65783 • 4" Dry Gauge 1/4" NPTF



B65782



B65783

Fitting

- 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

ACCESSORIES

Hydraulic Coupler Set



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

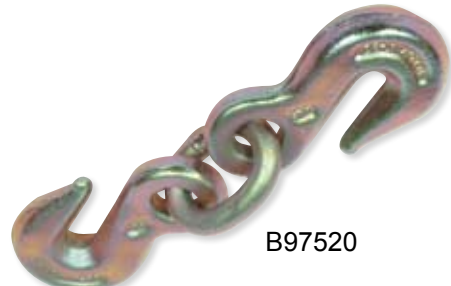
- B65290 • 1/4" ID, 6' Hose, 1/4" NPTF Connection
- B65291 • 1/4" ID, 6' Hose with Male (B69478) Coupler, 1/4" NPTF Connection
- B65590 • 3/8" ID, 10' Hose with Male (B65580) Coupler, 3/8" NPTF Connection
- B65591 • 1/4" ID, 10' Hose with Male (B69478) Half Coupler, 1/4" NPTF Connection
- B65593 • 3/8" 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



ACCESSORIES

WARRANTY



TWO YEAR LIMITED WARRANTY

Warranty Information

For a period of two (2) years from date of purchase, SFA Companies will repair or replace, at its option, without charge, any of its products which fails due to a defect in material or workmanship under normal usage. This limited warranty is a consumer's exclusive remedy.

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