

# PROFESSIONAL LIFTING EQUIPMENT



**HEIN-WERNER  
AUTOMOTIVE**



**Porto-Power**  
BLACKHAWK AUTOMOTIVE





# 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



18209  
20 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			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			18-1/4"	5-5/8"	3-1/8"	9-1/4"	6-3/4"	39 Lbs.
18209			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"		10-7/8"	7-3/8"	139 Lbs.
18992	100 Ton	12"	18-1/8"	6-1/8"		12-5/8"	9-3/8"	218 Lbs.

AIR ACTUATED BOTTLE JACKS



# 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"			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"			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"	4-3/4"		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 allows for easy jack positioning under load



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.

# TOE JACKS

- Heat-treated medium-carbon steel cylinder
- Dual lift points
- Rotating pumping socket for multi-directional use
- 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



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"	39 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"	86 Lbs.

IN-LINE BOTTLE JACKS & TOE JACKS



# MAGIC LIFT SERVICE JACKS

One Piece Handle

- Innovative design of Magic Lift offers a quick lift for professional performance, U.S. Patent No.5,755,099
- Heavy gauge construction with rugged universal joint release valve
- 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
- Rolled side frame adds strength and rigidity to reduce twisting



25025A  
2-1/2 Ton Capacity

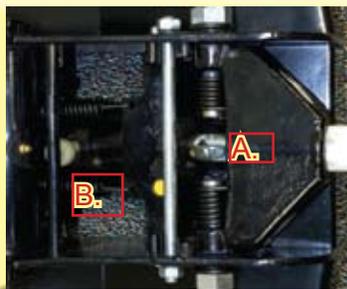


25025  
2-1/2 Ton Capacity

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"	99 Lbs.
25025A			23"			31-7/8"	15-3/8"	7-3/8"	138 Lbs.
25037	3 Ton								



# MAGIC LIFT SWIVEL HANDLE SERVICE JACK

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

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.



MAGIC LIFT SERVICE JACKS



# 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 offers a quick lift for professional performance, U.S. Patent No.5,755,099
- 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 offers a quick lift for professional performance, U.S. Patent No.5,755,099
- 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"	121 Lbs.
29025			19-5/8"			30"	13-5/8"	91 Lbs.

MAGIC LIFT SERVICE JACKS



# MAGIC LIFT SERVICE JACK

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



## 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"	87 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 offers a quick lift for professional performance, U.S. Patent No.5,755,099
- 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"	98 Lbs.



# MAGIC LIFT LONG CHASSIS SERVICE JACKS

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



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"	172 Lbs.
25057	5 Ton	6-1/2"	22-1/4"	40"	6-1/2"	52-1/2"	17-1/8"	7-1/4"	202 Lbs.
25058C		7"		49-1/2"	6-5/8"	57-3/4"		7-1/2"	233 Lbs.
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 provides 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"	427 Lbs.

SERVICE JACKS



# AIR ACTUATED LONG CHASSIS SERVICE JACKS

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



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

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

LONG CHASSIS SERVICE JACKS

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

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"	230 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"	570 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 is equipped to raise the load to the desired height efficiently, effortlessly and safely, U.S. Patent No. 5,341,723

**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"	96 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"	100 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 is equipped to raise the load to the desired height efficiently, effortlessly and safely, U.S. Patent No. 5,341,723
- Large steel wheels for easy positioning and smooth motion
- Sturdy one piece handle assembly is standard on all Omega Truck Jacks
- The release valve at the top of the handle allows for easy height adjustment safely away from the 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

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"	105 Lbs.
23401	40/20 Ton	7-1/4"	20-1/8"	N/A	51-1/8"	86-1/4" X 10-1/4"	149 Lbs.

TRUCK JACKS



# 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



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"	145 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

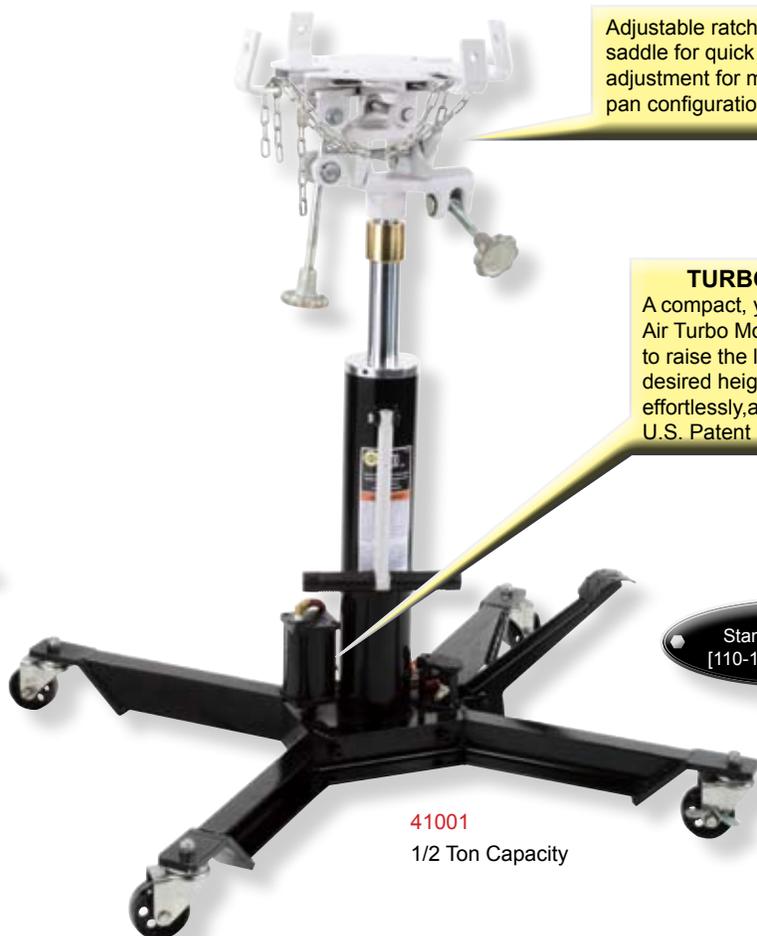
Specifically designed to enable the telescopic transmission jack to be used in the removal and installation of fuel tanks  
(Available separately)

Adjustable ratchet saddle for quick adjustment for most pan configurations

### TURBO MOTOR

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

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"	197 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"	348 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"	200 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



**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.

# FORKLIFT JACKS

- Precision control of lifting and lowering functions
- 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 (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.

CLUTCH JACK & FORKLIFT JACK



# 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

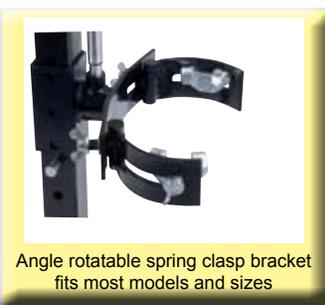
Model	Capacity	Lifting Range	Lifting Arm Dimension	Tilt Range	Product Size (L X W X H)	G.W.
47050	3/4 Ton	3" - 9"	27-1/2" X 26"	-2.5° - 5.5°	42-7/8" X 38-1/2" X 34-5/8"	193 Lbs.
47053		2-1/4" - 11"	25-7/8" X 25-1/4"	-2.5° - 10°	43-1/2" X 43" X 34-7/8"	183 Lbs.

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



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



8 Adapters standard on 66150C

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 and rocking of vehicle
- They are not designed to support the vehicle



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.

AUXILIARY STAND, HIGH REACH SUPPLEMENTARY STANDS & TRUCK RAMPS

## 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**



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.



# 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 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.



# 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 for 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



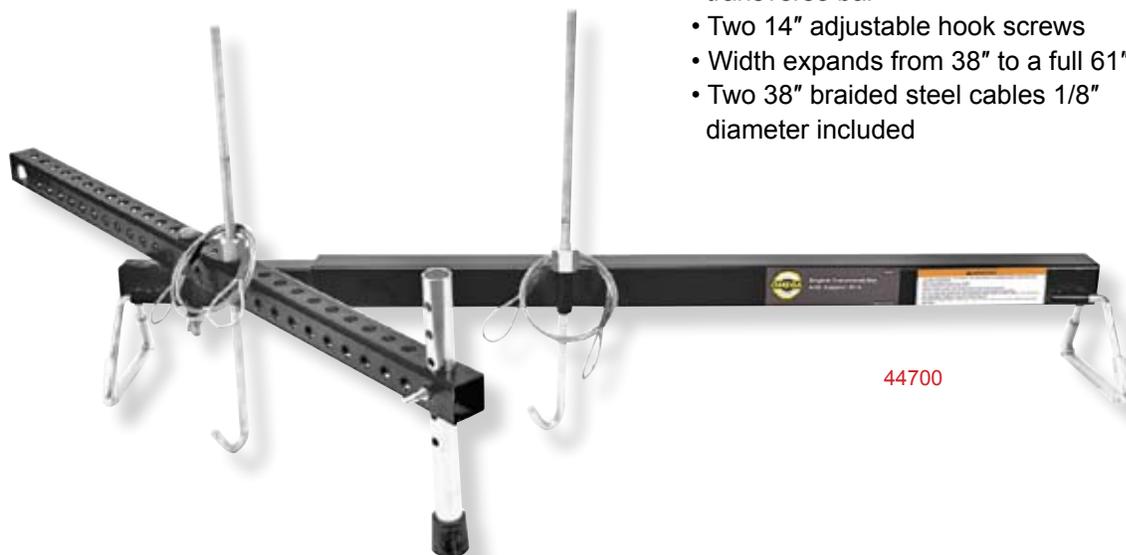
50100  
10 Ton Capacity

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 <sup>2</sup>	47 Lbs.
50100	10 Ton	10,000 PSI	13-3/4"	19-3/4"	2.4 in <sup>2</sup>	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"	23 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



72101  
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 <sup>2</sup>	3.48"	4.98"	8,511 PSI	2.75"	1.50"	10 Lbs.



# AIR ACTUATED FOOT PUMPS



**22905**  
122 in<sup>3</sup> Reservoir



**22903**  
91.5 in<sup>3</sup> 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 many industrial and construction single-acting ram applications
- 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 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 <sup>3</sup>	10,000 PSI	110-175 PSI	66 in <sup>3</sup> /min.	11 in <sup>3</sup> /min.	20 Lbs.
22905	122 in <sup>3</sup>			65 in <sup>3</sup> /min.	12 in <sup>3</sup> /min.	22 Lbs.

# HYDRAULIC CYLINDERS

- 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 <sup>2</sup>	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

# WARRANTY



## ONE YEAR LIMITED WARRANTY

### Warranty Information

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