



PROFESSIONAL LIFTING EQUIPMENT

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FEATURES

- Two piece zinc plated handle.
- Prevent rust with "Parkerized" pump piston, ram and extension screw.
- No leak "Uniweld" construction.
- 50% safety overload factor.
- State of the art design reduces repair time.
- Longer wear life due to internally machined oil passages, smooth bearing surfaces and close tolerances.
- Lightweight forged base provides more steel only where strength is required.
- The heavy-duty extension screw and release valve were designed to eliminate parts and reduce the chances of breakage and excessive wear.
- Safety oil by-pass system prevents the ram from being overextended and causing damage to the cylinder.

Note: Models not shown have the same basic construction as models pictured.

2, 3, 5, 8, 12, 20, 30, & 50 TON CAPACITY



ADDITIONAL FEATURES 8, 12 and 20 TON CAPACITY

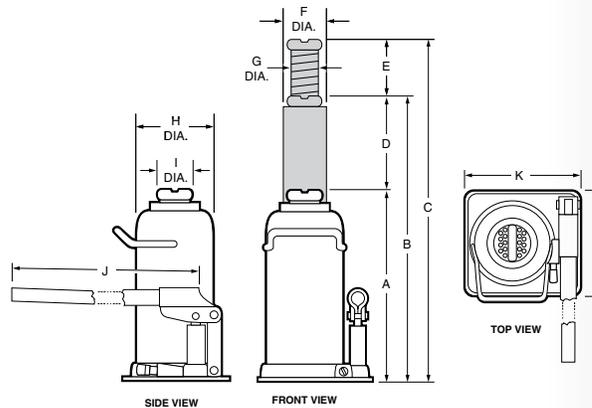
- Carrying handles in addition to all other features mentioned.
- "G" models are designed with a removable plug so a gauge can be adapted to the jack.

ADDITIONAL FEATURES 30 and 50 TON CAPACITY

- All other features excluding extension screw.
- A safety overload system which prevents the jack from being used beyond its rated capacity.
- Removable plug so a gauge can be adapted to the jack.
- 39-1/2" long one-piece handle allows ease of pumping.

INTENDED USE

For heavy duty truck, agriculture, construction, mining, mobile home, oil field, automotive, and marine applications where lifting, pushing, spreading, bending, pressing, or straightening are required.

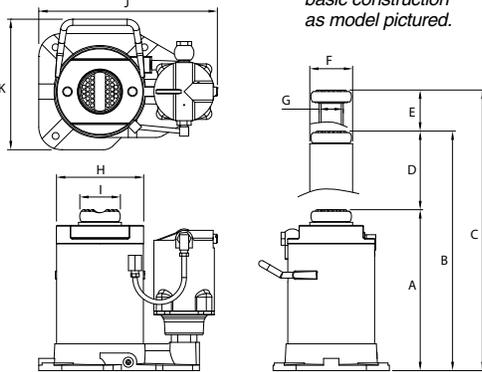


MODEL NUMBER	CAPACITY	A	B	C	D	E	F	G	H	I	J	K	L	PRESSURE CYLINDER Inside Dia.	CARRY HANDLE	SHIPPING WEIGHT (Lbs.)
76502A	2 TON	7.125"	12.0625"	14.5"	4.9375"	2.4375"	.785"	.545"	2.016"	.993"	14.875"	3.5"	4.125"	.985"	No	6
76503A	3 TON	7.5"	12.75"	15.5625"	5.25"	2.8125"	1.065"	.706"	2.393"	1.106"	14.875"	4"	4.5625"	1.265"	No	8
76505A	5 TON	9.0625"	15.75"	18.875"	6.6875"	3.125"	1.257"	.892"	2.764"	1.435"	17.5"	4.875"	4.875"	1.459"	No	11.5
76508A	8 TON	9.0625"	15.5625"	18.75"	6.5"	3.1875"	1.375"	.979"	2.945"	1.608"	17.5"	5.375"	5.125"	1.577"	Yes	14
76412 76412G	12 TON	9.4375"	15.3125"	18.875"	5.875"	3.5625"	1.570"	1.056"	3.475"	1.75"	24"	5.5"	5.375"	1.772"	Yes	18
76512	12 TON	6.6875"	10.4375"	13.1875"	3.75"	2.75"	1.570"	1.056"	3.475"	1.75"	24"	5.5"	5.375"	1.772"	Yes	15
76520 76520G	20 TON	10.8125"	17.4375"	20.1875"	6.625"	2.75"	2.160"	1.275"	4.510"	2.125"	24"	6.5"	6"	2.442"	Yes	31
76820	20 TON	8.25"	12.1875"	14.9375"	3.9375"	2.75"	2.160"	1.275"	4.510"	2.125"	24"	6.5"	6"	2.442"	Yes	25
76530	30 TON	11"	17.375"	—	6.375"	—	2.357"	—	5.010"	2.625"	39.5"	7.5"	6"	2.835"	Yes	51
76535	30 TON	11"	17.3125"	—	6.3125"	—	2.375"	—	4.75"	2.375"	31.5"	5.625"	7.5625"	—	Yes	42.5

FEATURES

- Covered by a one year limited warranty.
- Fast efficient air pump reduces lifting time and has a built-in relief mechanism which prevents the jack from being used beyond its maximum capacity.
- Convenient push button air valve connected to an in-line filter prevents contaminants from entering the air/hydraulic system.
- Unique design allows for manual operation when air is not available.
- Two piece zinc plated handle.

NOTE: Models not shown have same basic construction as model pictured.



MODEL 76312A (Shown)

- Parkerized coating on pump piston, extension screw and extension adapters and chrome coated ram offer protection against rust.
- Longer wear life due to internally machined oil passages, smooth bearing surfaces and close tolerances.
- Safety oil by-pass system prevents the ram from being overextended and causing damage to the cylinder.
- Carrying handle.

76312A

**12 TON CAPACITY
STANDARD HEIGHT**

76320A

**20 TON CAPACITY
STANDARD HEIGHT**

76720A

**20 TON CAPACITY
LOW HEIGHT**

INTENDED USE

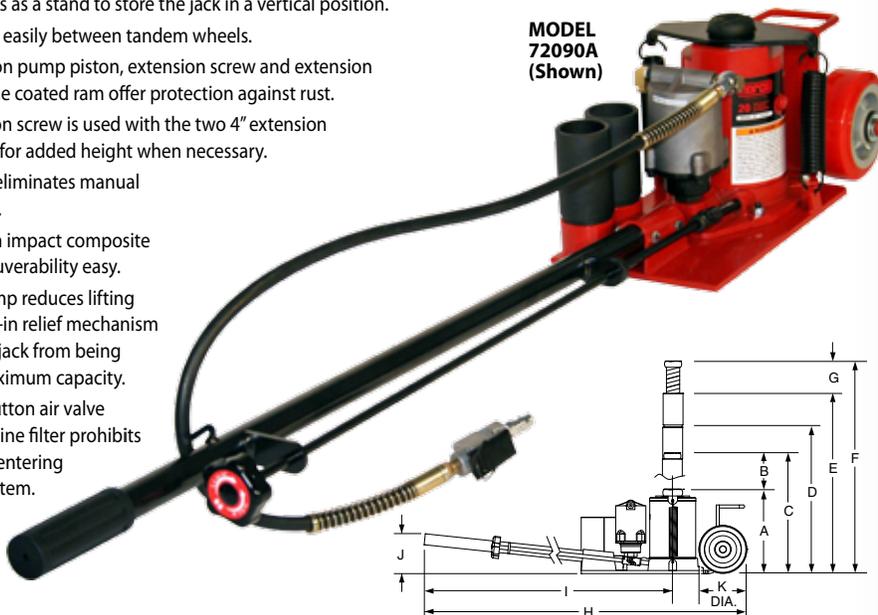
For use in heavy duty trucks, farm equipment, building construction, construction and mining equipment, mobile home set-up and oil field applications.

MODEL NUMBER	CAPACITY	PSI RANGE	A	B	C	D	E	F	G	H	I	J	K	HOSE LENGTH	HANDLE LENGTH	SHIPPING WT. (Lbs.)
76312A	12 TON	100-130	9.625"	15.625"	19.75"	6"	4"	1.5"	1"	3.5"	1.75"	8"	6.625"	4'	23.5"	24
76320A	20 TON	100-130	10.875"	17.625"	20.5"	6.75"	2.75"	2.25"	1.25"	4.5"	2"	9.25"	7.5"	4'	23.5"	41
76720A	20 TON	100-130	8.25"	12.375"	14.5"	4"	2.25"	2.25"	1.25"	4.5"	2"	9.25"	7.5"	4'	23.5"	34

FEATURES

- Long handle with 36-1/2" reach helps in positioning jack under vehicles with low overhang.
- May be stored in a vertical position.
- Hand grip also works as a stand to store the jack in a vertical position.
- Compact design fits easily between tandem wheels.
- Parkerized coating on pump piston, extension screw and extension adapters and chrome coated ram offer protection against rust.
- Removable extension screw is used with the two 4" extension adapters (included) for added height when necessary.
- Self-retracting ram eliminates manual lowering of the jack.
- 5 1/4" diameter high impact composite wheels make maneuverability easy.
- Fast efficient air pump reduces lifting time and has a built-in relief mechanism which prevents the jack from being used beyond its maximum capacity.
- Convenient push button air valve connected to an in-line filter prohibits contaminants from entering the air/hydraulic system.

MODEL 72090A (Shown)



72080A

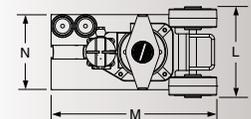
**STANDARD HEIGHT
20 TON CAPACITY**

72090A

**LOW HEIGHT
20 TON CAPACITY**

INTENDED USE

Heavy duty truck, agricultural and heavy construction equipment. Ideal for loaded truck and trailer roadside service calls.



MODEL NUMBER	CAPACITY	PSI RANGE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	SHIPPING WEIGHT (Lbs.)
72080A	20 TON	100-130	11.125"	6.625"	17.9375"	21.9375"	25.9375"	28.625"	2.75"	53"	36.5"	6.25"	5.25"	9.25"	17.25"	7.75"	70
72090A	20 TON	100-130	8.625"	4"	12.75"	16.75"	20.75"	22.75"	2.75"	53"	36.5"	6.25"	5.25"	9.25"	17.25"	7.75"	63

72200C

22 TON CAPACITY

72244

44 TON CAPACITY

INTENDED USE

Heavy duty truck, agricultural and heavy construction equipment. Ideal for loaded truck and trailer roadside service calls. Heavy enough for rail and bus work.

72205

SADDLE ADAPTER KIT

Includes handle mounted saddle holder and:

MODEL 72203

2-1/4" Extension Adapter Saddle

MODEL 72204

4" Extension Adapter Saddle

MODEL 72206

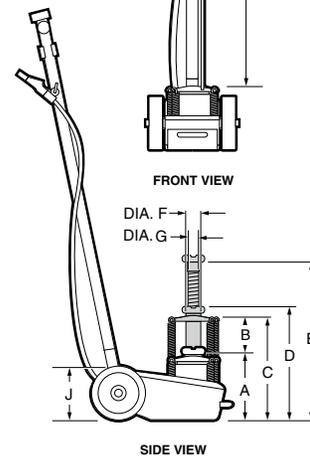
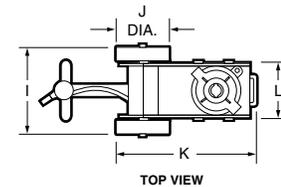
2-3/4" Diameter Saddle

GENERAL FEATURES

- Long "T" handle helps in positioning jack under vehicles with low overhang.
- Jack load release top mounted at "T" handle and allows operation at any handle position.
- Handle locking lever secures handle in either vertical, horizontal or 45 degree position.
- Compact design fits easily between tandem wheels.
- Rust inhibitive coating on ram and extension screw.
- Large diameter wheels make maneuverability easy.
- Self-retracting ram eliminates manual lowering of jack.
- Safety by-pass system prevents cylinder damage.
- Safety overload system prevents jack from being used beyond its rated capacity.
- Integrated filter protects air motor.
- Fast lifting air motor.
- Four removable saddles with handle mounted saddle holder included on the model 72200C (2" and 2-3/4" diameter saddles, 2-1/4" and 4" extension adapter saddles).

MODEL 72244 FEATURES

- A double acting pump raises the ram more quickly to the load.
- Suspension loaded axle prevents wheel damage.
- Vacuum-operated ram retraction eliminates manual lowering of jack.
- Safety button at the top of the handle can be pushed in to immediately stop the jack operation in case of emergency.
- Includes a 4-3/8" diameter saddle, 2" and 4" long stackable extensions and extension holder.



MODEL NUMBER	CAPACITY	A	B	C	D	E	F	G	H	I	J	K	L	P.S.I. RANGE	SHIPPING WEIGHT (Lbs.)
72200C	22 TON	9"	4.25"	13.25"	13.75"	18"	2.359"	1.575"	50"	13"	8"	20"	7.375"	85-200	115
72244	44 TON	9.25"	5.5"	14.75"	15.625"	—	3.312"	—	61.75"	8.125"	7"	21.625"	8.125"	130-175	149

FEATURES

- Long "T" handle helps in positioning jack under vehicles with low overhang.
- Handle locking lever secures handle in either vertical, horizontal or 45 degree position.
- Safety overload system prevents cylinder damage.
- Rust inhibitive coating on rams.
- Integrated filter protects air motor.
- Double acting pump raises ram more quickly to the load.
- Suspension loaded axle prevents wheel damage.
- Vacuum operated ram retraction eliminates manual lowering of jack.
- Safety button at the top of the handle can be pushed in to immediately stop the jack operation in case of emergency.
- Models 72212 and 72225 include a removable 4-3/8" diameter saddle, 2-9/16" and 5-7/8" long extensions with extension holder. Model 72218 includes 2" and 3-15/16" stackable extensions with extension holder.

72212
**55 / 37 / 23 / 12
TON CAPACITY**
72218
**33 / 20
TON CAPACITY**
72225
**50 / 25
TON CAPACITY**

INTENDED USE

Heavy duty truck, rail, bus, agriculture and construction equipment applications.



MODEL NUMBER	CAPACITY (TONS)@ LIFTING STAGE				LOW HEIGHT	STROKE	HIGH HEIGHT	HANDLE LENGTH	CHASSIS		WHEEL DIAMETER	P.S.I. RANGE	SHIPPING WEIGHT (Lbs.)
	1	2	3	4					WIDTH	LENGTH			
72212	55	37	23	12	6"	9.5"	15.375"	61.75"	8.625"	39.25"	7"	100-175	233
72218	33	20	—	—	6"	6.125"	12"	49.25"	6.75"	16"	6"	120-175	100
72225	50	25	—	—	8.75"	7.875"	16.5"	61.75"	8.625"	39.25"	7"	120-175	235

FASTJACK

71202A

2 TON CAPACITY FLOOR JACK

INTENDED USE

A heavy-duty professional quality floor jack designed for a variety of automotive shop uses including the day to day rigors of the tire changing industry.



71202A
(2 TON)

FEATURES

- Fast acting pump raises jack to maximum height in 10-1/2 incremental pump strokes. Not only lifts fast to the load but lifts load fast.
- Angular pump piston provides efficient stroke no matter how far under the vehicle the jack is positioned.
- Nylon front and rear wheels to protect sealed floor surfaces and dealer showrooms.
- Thick steel side plates provide increased frame strength.

U.S. PATENT NO. D483,169 and 7,036,796 B2



ANGULAR PUMP PISTON FEATURE

FASTJACK

71232

2-1/4 TON CAPACITY FLOOR JACK

Another **FASTJACK** to compliment our low cost model 71233.

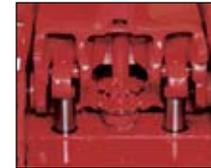


71232
(2-1/4 TON)

FEATURES

- Steel hydraulic block assembly includes dust seals to prevent oil contamination.
- Long, removable two piece handle.
- Safety by-pass system protects pressure cylinder.
- Safety overload system prevents jack from being used beyond its rated capacity.
- Heavy duty chassis for added strength and dependability.
- Dual pump piston design raises the jack to maximum height in 6-1/4 pump strokes.

TWO PUMP PISTON DESIGN



71233

2 TON CAPACITY DOUBLE PUMP FLOOR JACK

An economical floor jack designed for a variety of automotive shop uses where strength, speed, and dependability are required.



71233
(2 TON)

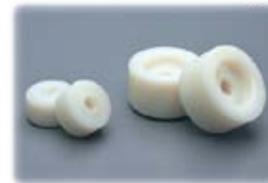
FEATURES

- Covered by a one year limited warranty.
- Extremely low 2 3/4" low lift height.
- Safety by-pass system protects pressure cylinder.
- Safety overload system prevents jack from being used beyond its rated capacity.
- Heavy duty chassis for added strength and dependability.
- Long two-piece handle for easy shipping and storage.
- Foam handle sleeve is included to protect vehicles from damage.
- Dual pump piston design raises the jack to maximum height in 8-1/2 pump strokes.
- U-joint release mechanism for more control.

71229

NYLON WHEEL KIT

Fits models: 71202A & 71232



71226

OPTIONAL HANDLE PROTECTOR KIT

Fits models: 71202A & 71232



MODEL NUMBER	CAPACITY	OVERALL DIMENSIONS		FRAME HEIGHT	LIFT HEIGHT		HANDLE LENGTH	SADDLE SIZE	WHEEL DIAMETERS		SHIPPING WEIGHT (Lbs.)
		Length	Width		Low	High			Caster	Front	
71202A	2 TON	28.75"	15.25"	6.875"	3.5"	20.375"	49"	5.375" sq.	2.375"	3.625"	102
71232	2-1/4 TON	28.5"	15"	6.25"	3.75"	20"	49"	5.5" sq.	2.375"	3-3/4"	104
71233	2 TON	27.875"	14.625"	5.75"	2.75"	20"	50.25"	5.125" DIA.	2.3125"	2.375"	92



TWO PUMP PISTON DESIGN



FEATURES

- Steel hydraulic block construction includes a two pump piston design which raises the jack to maximum height in 11 full incremental pump strokes.
- Long, removable two piece handle with knurled hand grip provides:
 - Ease of pumping - Longer reach for positioning under overhang
 - Ease for transportation and storage - Ease of pumping in tight quarters when second handle section is removed.
- 3-3/4" low and 24-3/4" maximum lift heights.
- Safety by-pass system protects pressure cylinder.
 - Safety overload system prevents jack from being used beyond its rated capacity.
 - Heavy duty chassis for added strength and dependability.

71300A FASTJACK®

3 TON CAPACITY SUV JACK

INTENDED USE

A heavy duty floor jack designed for a variety of automotive shop uses including the added capacity and maximum lift height to handle most SUVs.

71226

HANDLE PROTECTOR KIT

Designed to prevent damage to the vehicle bumper or under car components during pumping. Also intended to cushion the blow between the handle and vehicle's body or door if the handle accidentally falls against the vehicle.



MODEL NUMBER	CAPACITY	OVERALL DIMENSIONS		FRAME HEIGHT	LIFT HEIGHT		HANDLE LENGTH	SADDLE SIZE	WHEEL DIAMETERS		SHIPPING WEIGHT (Lbs.)
		Length	Width		Low	High			Caster	Front	
71300A	3 TON	36.375"	17.5"	6.25"	3.75"	24.75"	48"	5.5" DIA.	2.75"	3.75"	162

FEATURES

- Steel hydraulic block design includes a two pump piston feature which raises the jack's lift arm 32-1/2" high in 16-1/2 full incremental pump strokes.
- Long, removable two piece handle with knurled hand grip provides:
 - Ease of pumping
 - Longer reach for positioning under overhang
 - Ease of transportation and storage
 - Ease of pumping in tight quarters when second handle section is removed
- Safety by-pass system protects pressure cylinder.
- Safety overload system prevents jack from being used beyond its rated capacity.
- Heavy duty chassis for added strength and dependability.

71155B FASTJACK®

1-1/2 TON CAPACITY HIGH LIFT

INTENDED USE

Lift and position a vehicle on tall jack stands, frame straightening racks or alignment systems. All purpose use in PBE applications.

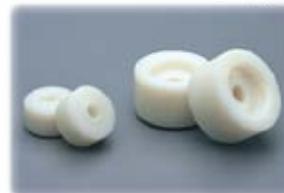


71226

OPTIONAL HANDLE PROTECTOR KIT

71229

NYLON WHEEL KIT



TWO PUMP PISTON DESIGN

MODEL NUMBER	CAPACITY	OVERALL DIMENSIONS		FRAME HEIGHT	LIFT HEIGHT		HANDLE LENGTH	SADDLE SIZE	WHEEL DIAMETERS		SHIPPING WEIGHT (Lbs.)
		Length	Width		Low	High			Caster	Front	
71155B	1-1/2 TON	39.75"	16.5"	6.75"	3.75"	32.5"	47.5"	6.25" DIA.	2.75"	3.625"	159

FASTJACK® 71500E
5 TON CAPACITY

FASTJACK® 71550E
5 TON CAPACITY (Air & Hydraulic)

INTENDED USE

Truck fleet, truck and farm equipment dealers and bus company garages.

FASTJACK® 71000D
10 TON CAPACITY

FASTJACK® 71100A
10 TON CAPACITY (Air & Hydraulic)

FASTJACK® 72220A
20 TON CAPACITY

72230A

20 TON CAPACITY (Air & Hydraulic)

INTENDED USE

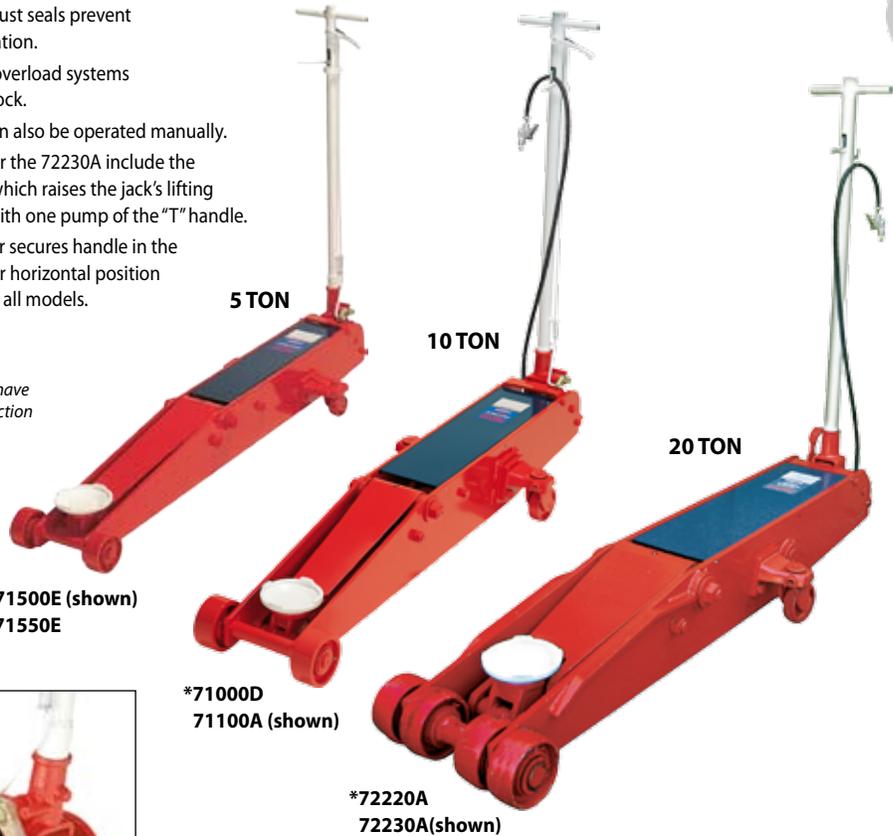
Heavy duty truck, heavy construction and agricultural equipment maintenance garages.

FEATURES

- Chromed ram and dust seals prevent hydraulic contamination.
- Safety by-pass and overload systems protect hydraulic block.
- Air pump models can also be operated manually.
- All models except for the 72230A include the FASTJACK® feature which raises the jack's lifting saddle to the load with one pump of the "T" handle.
- Locking release lever secures handle in the vertical, 45 degree or horizontal position to lower the load on all models.

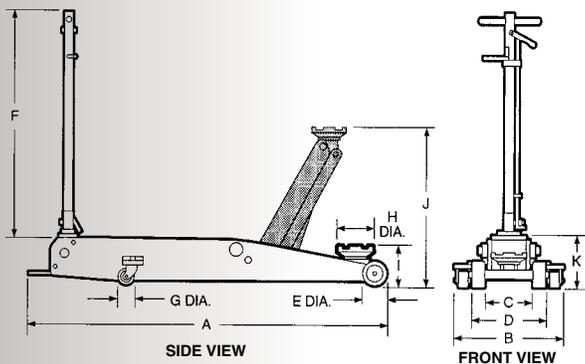
***NOTE:**

Models not shown have same basic construction as models pictured.



FASTJACK® mechanism raises the jack's lifting saddle to the load in one pump stroke.

U.S. PATENT NUMBER: 7,055,801 B2



MODEL NUMBER	CAPACITY	A	B	C	D	E	F	G	H	I	J	K	SHIPPING WEIGHT (Lbs.)
71500E	5 TON	62.25"	16.75"	6.75"	11.75"	4.25"	40"	2.75"	6.25"	5.625"	27.25"	7.875"	270
71550E	5 TON @ 120 P.S.I.	62.25"	16.75"	6.75"	11.75"	4.25"	40"	2.75"	6.25"	5.625"	27.25"	7.875"	270
71000D	10 TON	68.5"	21"	9"	14.5"	5.5"	46.75"	4.375"	6.5"	6.125"	27.25"	9.75"	455
71100A	10 TON @ 120 P.S.I.	68.5"	21"	9"	14.5"	5.5"	46.75"	4.375"	6.5"	6.125"	27.25"	9.75"	466
72220A	20 TON	71.5"	20.75"	10.125"	16"	5.5"	45"	4"	6.5"	7.25"	26.25"	9.625"	650
72230A	20 TON @ 120 P.S.I.	71.5"	20.75"	10.125"	16"	5.5"	45"	4"	6.5"	7.25"	26.25"	9.625"	670

FEATURES

- Handles tires with up to 16" tread widths.
- Telescopic T-handle extends and lifts up to expose wheels for easy maneuverability around the shop. T-handle retracts for easy storage.
- Perforated holes in ramps provide traction for the tires.
- Non-skid rubber base pads prevent slippage when vehicle ascends and descends ramps.



***82019
82020 (shown)**

***NOTE:** Model not shown has same basic construction as model pictured.

82019

82020

**PAIR OF TRUCK RAMPS
20 TON CAPACITY
(10 Ton Each Ramp)**

INTENDED USE

Elevates front or rear of vehicle for access to frame and components. Particularly useful on vehicles with low profile or ground-effects.

MODEL NUMBER	CAPACITY (Each Ramp)	OVERALL DIMENSIONS			HANDLE LENGTH	SHIPPING WEIGHT (Lbs. Per Pair)
		Height	Width	Length		
82019	10 TON	9"	12.625"	48.25"	34"	204
82020	10 TON	9.25"	18.375"	50.5"	34"	346

FEATURES

- Unique spring loaded pawl provides constant locking pressure against lifting column.
- Four legged base with foot pads for added strength and a more secure footing on asphalt.
- Common machine bolt secures lifting column to stand and provides added strength when stand is continuously lifted and handled by the column.
- Recessed column saddle for acceptance of vehicle panel rail (model 81004C only).
- Positive lock handle cannot be disengaged until load is off the saddle column. Lock handle can be used as a carrying handle.

ALL STANDS ARE INTENDED TO BE USED IN PAIRS.



**81004C
(3 TON)**

**81006D
(6 TON)**

**81012
(12 TON)**

81004C & 81006D

**PAIRS OF STANDS
3 & 6 TON CAPACITY
(Each Stand)**

INTENDED USE

For automotive use where vehicle is to be supported before making repairs.

81012

**PAIR OF STANDS
12 TON CAPACITY
(Each Stand)**

INTENDED USE

Fleet garages, agricultural and construction maintenance shops.

MODEL NUMBER	CAPACITY (Each Stand)	LOW HEIGHT	HIGH HEIGHT	HEIGHT INTERVALS	BASE SIZE	SADDLE SIZE	SHIPPING WEIGHT (Lbs. Per Pair)
81004C	3 TON	12"	17.5"	.5625"	7.5" x 7.875"	1.125" x 4.5625"	19
81006D	6 TON	16.25"	24.875"	.625"	10.0625" x 11.0625"	1.125" x 4.875"	30
81012	12 TON	19.625"	29.375"	1.25"	13" x 15"	1.625" x 4.75"	86

**81205****IMPORT 81205i****PAIR OF STANDS
5 TON CAPACITY***(Each Stand)***INTENDED USE**

Low profile design in order to support forklifts and heavy machinery.

**81208****IMPORT 81208i****PAIR OF STANDS
SHORT HEIGHT
10 TON CAPACITY***(Each Stand)***81209****IMPORT 81209i****PAIR OF STANDS
MEDIUM HEIGHT
10 TON CAPACITY***(Each Stand)***81210****IMPORT 81210i****PAIR OF STANDS
HIGH HEIGHT
10 TON CAPACITY***(Each Stand)***INTENDED USE**

Fleet garages, agricultural and construction maintenance shops where a pin type height adjustment column is desired.

**81222****IMPORT 81222i****PAIR OF STANDS
22 TON CAPACITY***(Each Stand)***INTENDED USE**

Fleet and maintenance garages where low profile stands are used to support loaded trailers.



81205 (shown)
***81205i**
(5 TON)

FEATURES

- Pin type support column adjusts to four different height positions.
- Heavy duty adjustment pin is secured to stand to prevent loss.
- Handle provides ease of positioning and carrying.
- 9" square base secures and stabilizes load.

***NOTE:**

Models not shown have same basic construction as model pictured. Import models differ slightly from models Made in U.S.A.



***81208**
***81208i**
(SHORT HEIGHT)
***81209 (shown)**
***81209i**
(MED. HEIGHT)

***81210**
***81210i**
(HIGH HEIGHT)
(10 TON)

FEATURES

- Pin type support column adjusts to multiple height positions. See specification chart below.
- Adjustment pin is secured to stand to prevent loss.
- Four legged base made of heavy schedule 2" diameter pipe for added stability.
- Large support saddle with locating lugs position and center load.



81222 (shown)
***81222i**
(22 TON)

FEATURES

- Pin type support column adjusts to four different height positions.
- Adjustment pin is secured to stand to prevent loss.
- Handle provides ease of positioning and carrying.
- 3/8" thick solid steel base plate for added stability.

ALL STANDS ARE INTENDED TO BE USED IN PAIRS.

MODEL NUMBER	CAPACITY (Each Stand)	LOW HEIGHT	HIGH HEIGHT	HEIGHT INTERVALS	BASE SIZE	SADDLE SIZE	SHIPPING WEIGHT (Lbs. per pair)
81205 81205i	5 TON	9.5"	15.75"	3 x 2"	9" x 9"	3" x 4.5"	38
81208 81208i	10 TON	10.5"	17"	4 x 1.5"	12.5" x 12.5"	3" x 5"	60
81209 81209i	10 TON	18.5"	30"	7 x 1.5"	17" x 17"	3" x 5"	80
81210 81210i	10 TON	28"	47"	10 x 2"	16" x 16"	3" x 5"	106
81222 81222i	22 TON	12"	20"	3 x 3"	10" x 10"	2.25" x 3.25"	66

FEATURES

(Models 81022A & 81022Ai)

- Meets OSHA requirements for supporting trailers when loaded or unloaded.
- 14" diameter base provides maximum leveling stability.
- Quick adjust spin handle for ease of turning.
- Large diamond plate saddle to grip the load.
- 1-1/2" diameter, grade 5, heavy duty screw and nut provide maximum strength and fine adjustment.

FEATURES

(Models 81033A & 81034A)

- Lightweight, slender design makes handling easy, even in close quarters.
- Quick adjust spin handle with thrust bearing eliminates wear and provides ease of turning under load.
- Foot pedal (Model 81034A only) generates 1" additional stroke and 400 pounds of force at the saddle.
- Pedal may be locked in vertical position for storage or shipment.
- 1-1/4" diameter acme threaded screw has 26-1/4" of travel.

FEATURES

(Model 81035A)

- An adjustment pin chained to the stand secures the support column at 6 different height positions.
- Quick adjust spin handle with thrust bearing eliminates wear and provides ease of turning under load.
- 1-1/4" diameter acme threaded screw has 6-1/2" of travel for fine adjustment.
- 5/8" thick rubber saddle pad.

FEATURES

(Model 81036A)

- Foot activated pump and lowering pedals allow use of both hands to position components.
- Spring return lowering pedal automatically closes the release valve when foot is removed from pedal.
- 16" hydraulic travel.
- Telescopic support tube with nine height adjustments at 2-1/2" increments.
- A 12" diameter, 3/8" thick steel base provides added stability.
- Two 3" diameter wheels provide easy maneuvering of stand into work position or around the shop.



**81022A
81022Ai**
(20 TON)



**81034A (shown)
81033A (without pedal)**
(3/4 TON)



81035A
(1-1/2 TON)



81036A
(1 TON)



81022A

IMPORT 81022Ai

20 TON CAPACITY

(Each Stand)

INTENDED USE

To stabilize and assist in supporting the front or rear end of a loaded or unloaded tractorless trailer. Sold individually but generally used in pairs.

81033A

3/4 TON CAPACITY

81034A

3/4 TON CAPACITY

INTENDED USE

Designed to support vehicle components, not the vehicle. Ideal for exhaust system installation, shock absorber replacement and any task which requires relieving pressure off components.

81035A

1-1/2 TON CAPACITY

INTENDED USE

To assist in stabilizing and supporting a vehicle that is raised by an in-ground or above-ground lift. Should be used in pairs.

81036A



1 TON CAPACITY

INTENDED USE

For replacing exhaust systems, shock absorbers and MacPherson struts. Hydraulic power will assist in freeing frozen spring shackles, aligning wheels and steering gear adjustments.

MODEL NUMBER	CAPACITY (Each Stand)	LOW HEIGHT	EXTENDED HEIGHT	BASE SIZE	SADDLE SIZE	SHIPPING WEIGHT (Lbs.)
81022A 81022Ai	20 TON	39"	50.625"	14" Dia.	4.5" x 5"	52
81033A	3/4 TON	55.25"	81.5"	12" Dia.	1.625" x 5.25"	36
81034A	3/4 TON	55.25"	81.5"	12" Dia.	1.625" x 5.25"	40
81035A	1-1/2 TON	48.875"	85.375"	12" x 12" x 12"	3.25" x 3.25"	48
81036A	1 TON	56.25"	94.375"	12" Dia.	4" x 6.25"	51

79324F

**3 TON CAPACITY
AIR / HYDRAULIC
PUMP OPERATED**

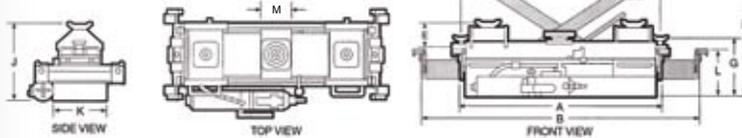
INTENDED USE

For use in conjunction with above ground lifts. The bridge straddles the lift rails and raises the vehicle's tires off the rails for wheel alignment, brake, tire and suspension work.



FEATURES

- Push button air/hydraulic pump provides safe, quick lifting.
- Adjustable arms and lifting pads safely support the vehicle on the bridge.
- Universal mounting brackets adjust to a lift rail opening of 46-1/2". The universal mounting brackets can be installed in the bridge right side up or up side down for a total of eight different height locations when securing the adapters to the bracket. ADAPTER KITS ARE SOLD SEPARATELY.
- Flat-end and hook-end adapter brackets are equipped with spring-loaded roller bearings for smooth maneuverability of bridge on lift rails.
- Mechanical stop prevents accidental lowering of bridge.
- Lowering is accomplished with one hand on the release lever and the other hand releasing the mechanical stop.
- Equipped with rubber faced saddle for differential lifting.



79326C

**FLAT-END
ADAPTER
BRACKET KIT**

enables the Rolling Lift Bridge to roll on flat surfaces. Weight: 12 lbs. per set of 4.

79327C

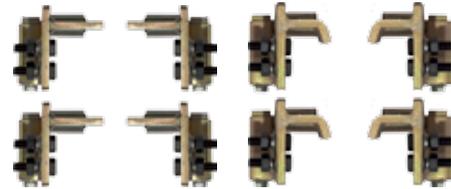
**HOOK-END
ADAPTER
BRACKET KIT**

enables the Rolling Lift Bridge to roll on the rails of the lift. Weight: 12 lbs. per set of 4.

79328C

9" EXTENSION ADAPTERS

for use with light duty trucks, vans and 4x4's. The adapter increases the "I" dimension on the specification chart from 1-1/4" to 10-1/2". Weight: 19 lbs. per pair



79326C
SOLD IN KITS

79327C
SOLD IN KITS

NOTE:

Adapter bracket kits must be ordered separately to adapt the universal mounting brackets to the above ground lift's rails. The majority of applications will require model 79326C flat-end or model 79327C hook-end adapter kits. Other kits are available upon request.

MODEL NUMBER	CAPACITY	A	B	C	D	E	F	G	H	I	J	K	L	M	WEIGHT (Lbs.)
79324F	3 TON @ 100 P.S.I.	31.375"	44"	32"	60"	4.125"	5.25"	9.5"	17.5"	1.25"	13"	8.25"	4"- 8.75"	4.75" SQ.	290

AIR LIFT JACKS



82950

5 TON CAPACITY



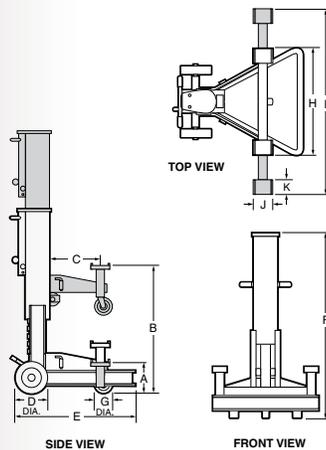
82999

IMPORT 82999i

10 TON CAPACITY

INTENDED USE

Truck and farm equipment dealer garages, heavy duty construction repair shops and bus company garages.



FEATURES

- Three-way heavy duty air valve provides fine control when lifting or lowering a vehicle.
- Automatic safety lock engages in six different height positions independent of air pressure.
- Designed for lifting entire front or rear of a vehicle.
- Front swivel caster wheel and two 12-1/4" diameter pneumatic rear tires provide easy maneuverability.
- Adjustable lifting saddles can be raised and extended to desired position.

***82950**
(5 TON)

82999 (shown)

***82999i**
(10 TON)

***NOTE:**

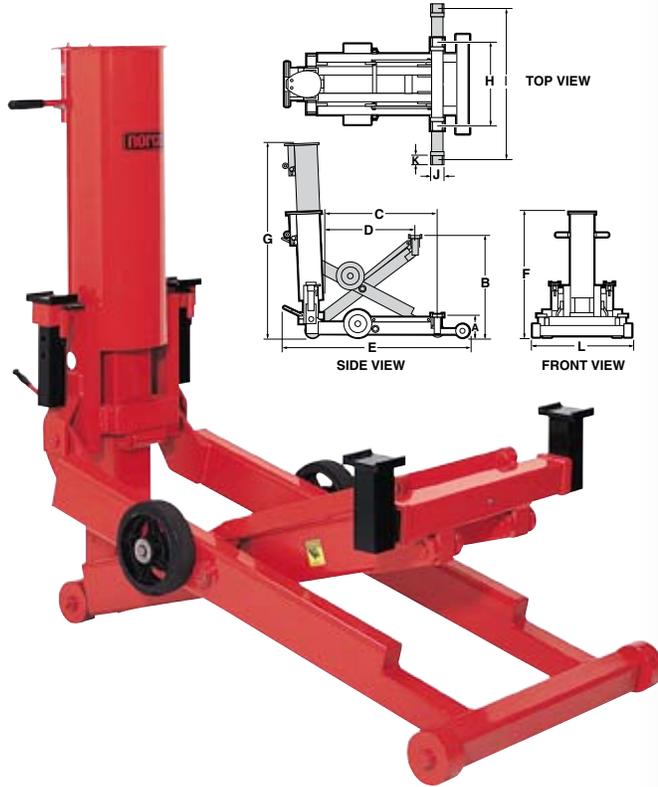
Models not shown have same basic construction as model pictured. Import models differ slightly from models Made in U.S.A.



MODEL NUMBER	CAPACITY	A	B	C	D	E	F	G	H	I	J	K	MIN. P.S.I. FOR RATED CAPACITY	SHIPPING WEIGHT (Lbs.)
82950	5 TON	12.5"	47.5"	17"	12.25"	45"	70"	6"	38.5"	54"	6.75"	4"	175	534
82999	82999i 10 TON	12.25"	49.5"	13.5"	12.25"	39.75"	66.25"	6"	34"	51"	6.75"	4"	200	638

FEATURES

- Three-way heavy duty air valve provides fine control when lifting or lowering a vehicle.
- Automatic safety lock engages in five different height positions independent of air pressure.
- Includes extension tubes and adjustment pins for added height requirements.
- Two 10" diameter solid wheels are strategically located for better positioning and maneuverability.
- Scissors action frame design with four 5" diameter steel wheels provides maximum stability during lifting and lowering.
- Large air cylinder requires only 100 p.s.i. air pressure to lift 5 ton capacity.
- Over four feet of reach between cylinder and center line of lifting saddle.



82995



8-1/2 TON CAPACITY

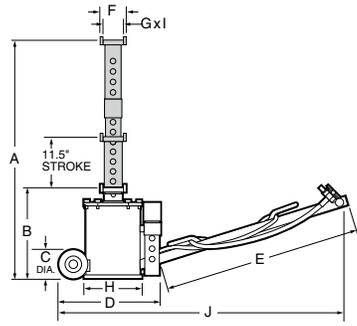
INTENDED USE

For truck, bus, farm equipment and motor home applications where a long reach jack is required to lift at the vehicle bumper, frame or front axle.

MODEL NUMBER	CAPACITY @ P.S.I.	A	B	C	D	E	F	G	H	I	J	K	L	SHIPPING WEIGHT (Lbs.)
82995	5 TON @ 100													
	7 TON @ 150	10"	50"	50"	40"	80.5"	53.75"	83.5"	31.5"	47.25"	5"	4"	38"	935
	8-1/2 TON @ 180													

FEATURES

- Three-way heavy duty air valve provides fine control when lifting or lowering a load.
- Extension tubes and detent pins offer multiple lifting heights.
- Unit easily maneuvered on two 8" diameter rubber tread wheels.
- Removable handle and 8' air hose for remote safe positioning and operation.
- Lifting saddle with serrated surface and locating lugs.



82990C

10 TON CAPACITY

INTENDED USE

Garages / repair shops of truck, farm equipment, construction equipment and bus companies. May be used in pairs. Ideal for crowded conditions that require single point contact.



MODEL NUMBER	CAPACITY	CYLINDER BORE (Dia.)	MIN. P.S.I. FOR RATED CAPACITY	POWER STROKE	A	B	C	D	E	F	G	H	I	J	SHIPPING WEIGHT (Lbs.)
82990C	10 TON	12.1875"	172	11.5"	49.375"	17.75"	8"	23"	37.5"	5"	4"	13.625"	4"	58"	178



72675

1250 LBS. CAPACITY**INTENDED USE**

The Power Train Lift/Table not only handles transmissions and fuel tanks, but also engines and transaxles, rear ends and leaf springs. Also serves as a work table where the components can be lowered to a stable and secure work height for repair.

FEATURES

- An air/hydraulic foot pump includes a metered valve for safe lowering of the load. The pump can be removed from its holder, placed closer to the lift saddle, leaving hands free to accurately position the load.
- Fully adjustable saddle with two ratchet tie downs secure the load to the saddle.
- Four swivel ball bearing caster wheels with polyurethane tread protect floors yet provide easy maneuverability.
- The rear caster wheels have a double locking feature. One lock prevents the rear wheels from turning when the lift is used in a repair mode. The other locks the rear casters in a fixed direction to provide steering ability.
- The optional model 72508 Fuel Tank Saddle Adapter (page 21) can quickly and easily be installed.



72850A

2,500 LBS. CAPACITY**INTENDED USE**

This lift table handles power train components like engines and their transmissions, engines with trans-axle assemblies, rear ends and large electric vehicle batteries. It will also serve as a work table where components can be lowered to a convenient work height for repairs.

FEATURES

- An air/hydraulic foot pump includes a metered valve for safe lowering of the load.
- Five foot extension hose with quick disconnect fittings stores in the lift base. The foot pump can be removed from its holder and hydraulic hose quickly and easily extended by 5' using the extension hose. This provides hands free operation of the pump anywhere around the lift's perimeter.
- Scissors lift design provides easy 360° access to any component.
- Two heavy duty ratchet tie-downs are included to safely secure the load on the lift table.
- Table top height from 31" to 80-1/2".
- Four 8" diameter swivel caster wheels for easy maneuverability. Front wheels can be locked in position for steering. Rear wheels can be locked to prevent the lift from rolling.



MODEL NUMBER	CAPACITY (LBS.)	LIFT RANGE		OVERALL DIMENSIONS			TABLE SIZE	SADDLE TILT			SHIPPING WEIGHT (Lbs.)
		LOW	HIGH	WIDTH	LENGTH	HEIGHT		FWD.	BACK	SIDE	
72675	1250@100PSI	30"	to 77"	43"	65"	51.25"	14" x 31"	22°	22°	±18°	480
72850A	2500@100PSI	31"	to 78"	33"	50"	35"	19" x 36"	15°	15°	±15°	665

FEATURES

- Supports a vehicle with or without tires.
- Allows FWD vehicle to be easily moved in the service bay when drive train has been removed.
- Universal design fits any car without the need for additional vehicle adapters.
- Quick and independent width and height adjustments. Fully adjustable outriggers to fit any vehicle frame width. Threaded lift saddles with rubber pads are independently adjustable and provide maximum frame protection.
- Does not require installation to the subframe or engine/transaxle cradle mounting holes.
- Can be used in pairs for maximum maneuverability in tight places.
- Four 6" diameter ball bearing mounted swivel caster wheels rated at 900 pounds capacity each.



Universal design fits any car without the need for additional vehicle adapters.

78090



3600 LBS. CAPACITY

INTENDED USE

For easy movement of vehicles that have been rendered inoperable due to engine / transaxle removal or other mechanical problems. Frees up lifts and floor jacks for other work to be performed. Used in automobile repair, collision repair, and vehicle inspection applications.

MODEL NUMBER	CAPACITY (LBS.)	HEIGHT ADJUSTMENT	WIDTH	LENGTH ADJUSTMENT	WEIGHT (LBS.)
78090	3600	12.75" to 15.75"	17"	30" to 60"	65



FEATURES

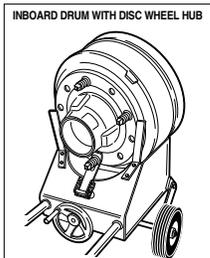
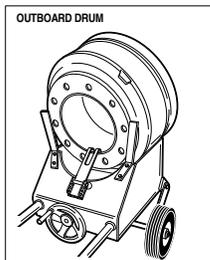
- Combination right and left hand threaded drive screw for faster rising.
- 2-piece crank handle for easier operation under load, longer reach and convenient storage when not in use.

82002C

1-1/2 TON SCISSORS JACK

Passenger car tire changing.

MODEL NUMBER	CAPACITY	LIFT RANGE		HANDLE LENGTH	BASE SIZE	LIFTING SADDLE	SHIPPING WEIGHT (Lbs.)
		Low	High				
82002C	1-1/2 TON	3.75"	13.25"	22.5"	4.25" x 7.375"	2" x 5.125"	10



FEATURES

- Reduces lost-time injuries.
- Handles 15" and 16-1/2" drums.
- 35 1/2" handle for easy positioning during installation & removal.
- Machine rotating handle provides ease of raising and lowering drum.
- Ball bearing wheels, semi-pneumatic tires and 3/4" diameter axle provide easy maneuverability and balance of drum.
- Adjustable angle bracket secures both outboard and inboard mounted drums with disc wheel hubs to the drum handler's carriage.
- Detachable handle for convenient storage.

72040A

INTENDED USE

Designed for removing, installing and transporting outboard mounted brake drums and inboard mounted drums with disc wheel hubs.

MODEL NUMBER	LOW LIFT HEIGHT	HIGH LIFT HEIGHT	OVERALL WIDTH	OVERALL LENGTH	WHEEL DIAMETER	SHIPPING WEIGHT (Lbs.)
72040A	10.25"	15.25"	21"	62.5"	8"	64

78099

**700 LBS. CAPACITY
4 POINT ENGINE
SUPPORT TOOL**

INTENDED USE

The main transverse support bar mounts on the shock strut towers to support engines. Heavier engines can be supported by using one or both front support adapters on the transverse support bar.
Weight: 52 Lbs.



FEATURES

- Fully adjustable strut tower mounts can be positioned on the transverse support bar up to 47-1/2" apart to fit most vehicles.
- Two front support adapters can mount directly onto the transverse support bar and easily be adjusted to fit any engine compartment configuration.
- Support bar and adapters are made of lightweight steel tubing, welded together in a parallel configuration to prevent flexing and provide full length positioning of the hooks and adapter front mounting feet.
- Three 1/2" diameter hooks 14" long and spin knobs provide strength and quick adjustment to support the engine.

HYDRAULIC TRANSMISSION JACK

72050D

1/2 TON CAPACITY

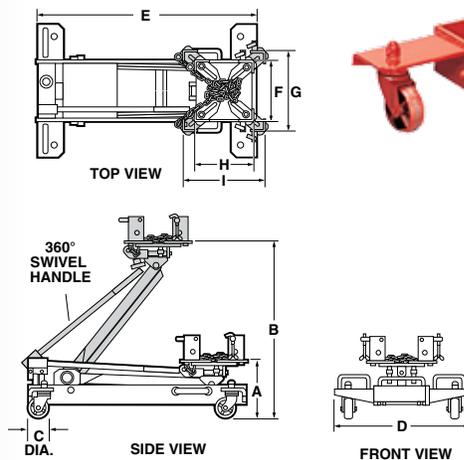
INTENDED USE

For removal and installation of automobile and light truck transmissions or differentials.

FEATURES

- Fully adjustable universal saddle with adjustable corner brackets and safety chain.
- Safety by-pass system prevents damage to cylinder.
- Safety overload system prevents jack from being used beyond its rated capacity.
- Full 360 degree rotating pump handle operates in any position.
- Flash chromed ram inhibits rust from entering the hydraulic system.
- Four full-swivel ball bearing caster wheels for easy positioning.
- Wide chassis for efficient load distribution and stability.

NOTE: See optional adapters and saddles on page 21.



MODEL NUMBER	CAPACITY	A	B	C	D	E	F	G	H	I	SADDLE TILT			SHIPPING WEIGHT (Lbs.)
											Fwd.	Back	Side	
72050D	1/2 TON	7.75"	30.375"	2.875"	19.25"	32.625"	8"	12.75"	7"	12.25"	25°	13°	±19°	138

FEATURES

- Wide chassis with open front provides:
 - Wider opening for saddle and transmission to come lower to the ground for easy removal.
 - Efficient load distribution and stability.
 - Easy access to saddle tilt knobs.
- Fully adjustable universal saddle with adjustable arms to position the transmission.
- Heavy duty chain with convenient chain tensioner secures load to the saddle.
- Safety by-pass system prevents damage to the hydraulic cylinder.
- Safety overload system prevents jack from being used beyond its rated capacity.
- Full 360 degree rotating handle operates in any position.
- Flash chromed ram inhibits rust from entering the hydraulic system.
- Four full-swivel ball bearing caster wheels for easy positioning.



**72000D (shown)
*72000Di**

***NOTE:**
Model not shown has same basic construction as model pictured. Import model differs slightly from model Made in U.S.A.

72000D 
IMPORT 72000Di

1-1/2 TON CAPACITY

INTENDED USE

For heavy truck transmissions. Ideally suited for truck dealers, maintenance and heavy duty transmission repair centers.

OPTIONAL EQUIPMENT

72001 

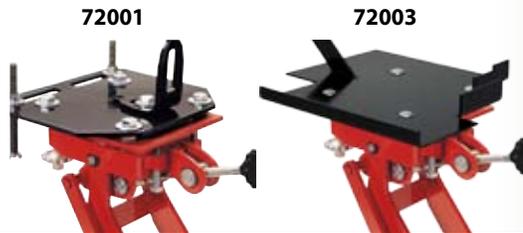
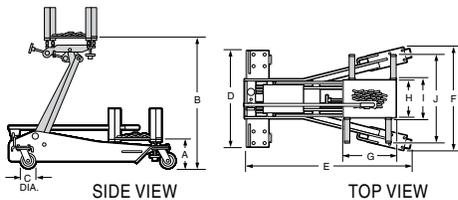
DIFFERENTIAL ADAPTER

is used with models 72000D, 72000Di, 72700A and 72701 jacks only. Adapter fits most differentials and replaces the universal saddle when used. Weight: 29 lbs.

72003 

FULLER® EATON® ROADRANGER® ADAPTER

is used with models 72000D & 72000Di jacks only. Weight: 21 lbs.



MODEL NUMBER	CAPACITY	A	B	C	D	E	F	G	H	I	J	SADDLE TILT			SHIPPING WEIGHT (Lbs.)
												Fwd.	Back	Side	
72000D 72000Di	1-1/2 TON	7.75"	36.5"	4"	25"	45"	28"	15.25"	10.25"	11"	26"	27°	17°	±15°	310



FEATURES

- Fully adjustable saddle with adjustable angle brackets to position the transmission.
- Four 4" high riser tubes to handle transmissions with offset transfer cases.
- Four heavy duty ratchet tie-downs conveniently secure the load to the lifting saddle.
- Safety by-pass and overload systems to prevent cylinder damage and prevent the jack from being used beyond its rated capacity.
- Full 360 degree rotating handle operates in any position.
- Flash chromed ram inhibits rust from entering the hydraulic system.
- Four full-swivel ball bearing caster wheels for easy positioning.

72025 

1-1/2 TON CAPACITY

INTENDED USE

Same as the model 72000D but with a wider chassis opening plus a broader lift range to handle a larger variety of transmission configurations.



MODEL NUMBER	CAPACITY	LIFT RANGE		CASTER WHEEL DIA.	CHASSIS			SADDLE SIZE		SADDLE TILT			SHIPPING WEIGHT (LBS.)
		LOW	HIGH		WIDTH	LENGTH	HEIGHT	WIDTH	LENGTH	FWD.	BACK	SIDE	
72025	1-1/2 TON	4.75"	36.5"	4"	32.75"	43.25"	12"	18.25"	15.25"	20°	20°	±11°	414

72500E

TELESCOPIC 1/2 TON CAPACITY SINGLE PUMP

INTENDED USE

Designed for the removal, installation and transportation (in the lowered position) of transmissions and transfer cases on passenger cars, vans and light trucks that are raised by an in-ground or above-ground lift.

FEATURES

- Fully adjustable universal saddle with hand adjustable corner brackets and safety chain.
- Safety overload system prevents jack from being used beyond its rated capacity.
- Foot operated pump and lowering pedals allow use of both hands to position and align saddle with transmission.
- Two-stage flash chromed rams inhibit rust from entering hydraulic system.
- Wide base with four easy rolling 4" diameter swivel ball bearing caster wheels, provides stability and easy maneuvering.
- Polyurethane wheels provide protection for tile and epoxy floors.

NOTE: See optional adapters and saddles on page 21.



MODEL NUMBER	CAPACITY	LIFT RANGE		BASE SIZE	SADDLE TILT			SHIPPING WEIGHT (Lbs.)
		Low	High		Fwd.	Back	Side	
72500E	1/2 TON	35"	72"	34" x 37"	42°	46°	±12°	176

FASTJACK® 72550B

TELESCOPIC 1/2 TON CAPACITY DOUBLE PUMP

INTENDED USE

Designed for the removal, installation and transportation (in the lowered position) of transmissions and transfer cases on passenger cars, vans and light trucks that are raised by an in-ground or above-ground lift.

FEATURES

- Fully adjustable universal saddle with hand adjustable corner brackets and safety chain.
- Safety overload system prevents jack from being used beyond its rated capacity.
- Foot operated pump and lowering pedals allow use of both hands to position and align saddle with transmission.
- Two-stage flash chromed rams inhibit rust from entering hydraulic system.
- Wide base with four easy rolling 4" diameter swivel ball bearing caster wheels, provides stability and easy maneuvering.
- Two times faster rising action as model 72500E with no load or a load up to 400 pounds.
- Same rising action as model 72500E for loads between 400 and 1,000 pounds.
- Polyurethane wheels provide protection for tile and epoxy floors.

NOTE: See optional adapters and saddles on page 21.

U.S. PATENT NO. 5,975,496
(Double Pump Design)



MODEL NUMBER	CAPACITY	LIFT RANGE		BASE SIZE	SADDLE TILT			SHIPPING WEIGHT (Lbs.)
		Low	High		Fwd.	Back	Side	
72550B	1/2 TON	35"	72"	34" x 37"	42°	46°	±12°	178

FEATURES

- Air/hydraulic foot pump provides hands free operation and easy, convenient lifting.
- Metered pump valve provides safe lowering of load.
- Fully adjustable universal saddle with hand adjustable corner brackets and safety chain.
- Safety overload system prevents jack from being used beyond its rated capacity.
- Two-stage flash chromed rams inhibit rust from entering hydraulic system.
- Wide base with four easy rolling 4" diameter polyurethane, swivel ball bearing caster wheels (one is a locking caster wheel) provides stability and easy maneuvering.
- Polyurethane wheels provide protection for tile and epoxy floors.

NOTE: See optional adapters and saddles on page 21.

U.S. PATENT NO. 7,171,807



72450A *FASTJACK*

**TELESCOPIC
1/2 TON CAPACITY
AIR/HYDRAULIC**

INTENDED USE

Designed for the removal, installation and transportation (in the lowered position) of transmissions and transfer cases on passenger cars, vans and light trucks that are raised by an in-ground or above-ground lift.

MODEL NUMBER	CAPACITY	LIFT RANGE		BASE SIZE	SADDLE TILT			SHIPPING WEIGHT (Lbs.)
		Low	High		Fwd.	Back	Side	
72450A	1/2 TON	36"	75"	34" x 34"	42°	46°	±12°	175

FEATURES

- Air/hydraulic foot pump provides hands free operation and easy, convenient lifting.
- Metered pump valve provides safe lowering of load.
- Fully adjustable universal saddle with hand adjustable corner brackets and safety chain.
- Safety overload system prevents jack from being used beyond its rated capacity.
- Two-stage flash chromed rams inhibit rust from entering hydraulic system.
- Wide base with four easy rolling 4" diameter polyurethane, swivel ball bearing caster wheels (two are locking caster wheels) provides stability and easy maneuvering.
- Comes with a larger 10-1/4" x 15-1/8" saddle plate and four adjustable "L"-shaped locating bars.
- Polyurethane wheels provide protection for tile and epoxy floors.

NOTE: See optional adapters and saddles on page 21.

U.S. PATENT NO. 7,171,807



72475 *FASTJACK*

**TELESCOPIC
3/4 TON CAPACITY
AIR / HYDRAULIC**

INTENDED USE

Designed for the removal, installation and transportation (in the lowered position) of transmissions and transfer cases on passenger cars and up to one ton capacity vans and trucks that are raised by an in-ground or above-ground lift.

MODEL NUMBER	CAPACITY	LIFT RANGE		BASE SIZE	SADDLE TILT			SHIPPING WEIGHT (Lbs.)
		Low	High		Fwd.	Back	Side	
72475	3/4 TON	36.5"	75.25"	36" x 36"	32°	32°	±28°	196

72700A

1 TON CAPACITY

INTENDED USE

Designed for the removal, installation and transportation (in the lowered position) of heavy duty truck transmissions that are raised by an in-ground or above-ground lift.



FEATURES

- Fully adjustable universal saddle with adjustable corner brackets and safety chain.
- Safety overload system prevents jack from being used beyond its rated capacity.
- 2" diameter, flash chromed, single stage ram provides added stability throughout the entire lift range.
- Foot operated pump and lowering pedals allow use of both hands to position and align saddle with transmission.
- Wide base with four 3-7/8" diameter heavy duty swivel ball bearing caster wheels provides stability and easy maneuvering.

NOTE: Optional model 72001 Differential Adapter and 72004 Ford Adapter fit model 72700A (see pages 17 & 21).

MODEL NUMBER	CAPACITY	LIFT RANGE		BASE SIZE	SADDLE TILT			SHIPPING WEIGHT (Lbs.)
		Low	High		Fwd.	Back	Side	
72700A	1 TON	45.75"	74.25"	38" x 38"	45°	24°	±22°	292

72701A

1 TON CAPACITY AIR/HYDRAULIC

INTENDED USE

Same as the model 72700A but with the added convenience of an air/hydraulic foot pump.



FEATURES

- Air/hydraulic foot pump provides hands free operation and easy convenient lifting.
- Metered pump valve provides safe lowering of load.
- Fully adjustable universal saddle with adjustable arms to position the transmission.
- Heavy duty chain with convenient chain tensioner secures load to saddle.
- 2" diameter, flash chromed, single stage ram provides added stability throughout the entire lift range.
- Wide base with four 3-7/8" diameter heavy duty swivel ball bearing caster wheels provides stability and easy maneuvering.

NOTE: Optional model 72001 Differential Adapter and 72004 Ford Adapter fit model 72701A (see pages 17 & 21).

MODEL NUMBER	CAPACITY (Lbs.)	LIFT RANGE		BASE SIZE	SADDLE TILT			SHIPPING WEIGHT (Lbs.)
		Low	High		Fwd.	Back	Side	
72701A	1 TON@100PSI	41.25"	69.375"	37.5" x 38"	45°	24°	±22°	273

Fit models 72050D (page 16), 72675 (page 14), 72500E, 72550B (page 18), and 72450A, 72475 (page 19).



72507A



72509



72513



72508



72525



72034



72512

For use on Ford and Lincoln 6F50 transmissions.
Weight: 25 lbs.



72507A

For use on Ford E4OD and 4R100 (4 wheel drive) truck and van transmissions.
Weight: 37 lbs.



72509

For use on Ford 5R55W, 4R70W, AX4N, AXOD METRIC transmissions. This one adapter can quickly and easily be adjusted to fit four different transmission configurations.
Weight: 38 lbs.



72004

For use on Ford 6R140 Transmissions
Weight: 32 lbs.



72513

For use on Ford CD4E transmissions.
Weight: 17 lbs.



72508

FUEL TANK SADDLE

INTENDED USE

An optional saddle adapter which is used in conjunction with a Norco transmission jack to remove, install and transport (in the lowered position) automobile and light truck emptied fuel tanks and other undercar components.
Weight: 37 lbs.

72525

QUICK-ADJUST SADDLE

INTENDED USE

An optional saddle that replaces the 4 adjustable corner brackets found on the standard universal saddle.
Weight: 19 lbs.

72034

CLUTCH SADDLE 300 LBS. CAPACITY

INTENDED USE

An optional saddle adapter which is used in conjunction with all Norco under hoist transmission jacks (pages 18-19) to remove, install and transport (in the lowered position) both 14" and 15-1/2" heavy duty truck clutches and flywheels. Includes 2" diameter spline shaft. See page 22 for information on optional spline shaft and flywheel adapter.
Weight: 22 lbs.

CD4E VEHICLE APPLICATIONS:

- 1994–2002 Mazda 626 4-cylinder
- 1994–1997 Mazda MX-6 4-cylinder
- 1994–1997 Ford Probe 4-cylinder
- 1995–2000 Ford Contour
- 1995–2000 Mercury Mystique
- 1995–2007 Ford Mondeo (up to Mondeo III 4 cylinder model)
- 1999–2002 Mercury Cougar
- 2001–2007 Ford Escape
- 2001–2006 Mazda Tribute
- 2005–2007 Mercury Mariner

FEATURES (model 72508)

- Handles automotive and light duty truck fuel tanks up to 40 gallon capacity. Tanks are to be emptied before handling.
- Four adjustable support risers with rubber pads protect the fuel tank and can be quickly positioned to fit many shapes and sizes.
- Includes two load restraint straps.

FEATURES (model 72525)

- Quickly adapts to the existing universal saddle plate.
- Four low profile ratcheting arms quickly and easily adjust to the transmission pan configuration.

72035

**300 LBS. CAPACITY
TELESCOPIC
UNDER HOIST
AIR / HYDRAULIC**

INTENDED USE

Designed for the removal, installation and transportation (in the lowered position) of 14" and 15-1/2" heavy duty clutches and flywheels on trucks that are raised by an in-ground or above-ground lift.

FEATURES

- Tilting saddle activated by an integrated screw with machine handle enables the clutch to be positioned in either a horizontal position for clearing underneath truck or vertical position for installation and removal.
- 2" and 1-3/4" diameter spline shafts rotate 360° for clutch and engine alignment.
- Air/hydraulic foot pump provides hands free operation and easy, convenient lifting.
- Metered pump provides safe lowering of load.
- Two-stage flash chromed rams inhibit rust from entering hydraulic system.
- Polyurethane wheels provide protection for tile and epoxy floors.



U.S. PATENT NO. 7,171,807

MODEL NUMBER	CAPACITY	LIFT RANGE		BASE SIZE	SADDLE TILT		SHIPPING WEIGHT (Lbs.)
		LOW	HIGH		FWD	BACK	
72035	300 Lbs.	38.25"	73.5"	35" x 35"	0°	to 93°	159

72030A

**300 LBS. CAPACITY
FLOOR MODEL TYPE
HYDRAULIC**

INTENDED USE

To remove, install and transport (in the lowered position) both 14" and 15-1/2" heavy duty clutches and flywheels.

FEATURES

- Clutch/flywheel removal and installation becomes a one man job.
- Tilting saddle enables clutch to be positioned in either horizontal position for clearing underneath truck or vertical position for installation and removal.
- Adjustment bolt on saddle aligns clutch and flywheel.
- Spline shaft rotates 360 degrees, turns left and right for clutch and engine alignment. 2" and 1 3/4" spline shafts included.
- Conveniently located release valve and 360 degree rotating pump handle allow jack to be operated in any work position.

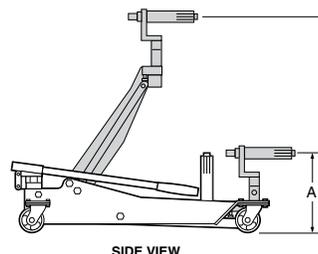


**OPTIONAL EQUIPMENT
for models 72030A and 72035**

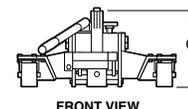
72033

FLYWHEEL ADAPTER

Weight: 7 lbs.



This product is patented under U.S. Patent No. 5,251,875.



MODEL NUMBER	CAPACITY	OVERALL WIDTH	OVERALL LENGTH	HANDLE LENGTH	WHEEL DIAMETER	HEIGHT DIMENSIONS			WEIGHT (Lbs.)
						A	B	C	
72030A	300 Lbs.	24"	35"	24.75"	3"	11.125"	38.75"	11"	142



FEATURES

- Two lift points (saddle & post) for numerous lifting applications.
- Two - position saddle at scissors end can be quickly rotated to handle either edges or flat surfaces of a load.
- 2-1/2" low lift height at scissors end.
- 30" removable handle for ease of pumping and storage when not in use.
- Metered release mechanism provides slow, controlled lowering of the load.
- Safety overload valve prevents jack from being used beyond its rated capacity.

72036C

5 TON CAPACITY @ SCISSORS END AND POST

INTENDED USE

A versatile jack having a low enough profile to raise forklifts and a high enough profile to raise farm equipment, tractors and some earth moving equipment.

TWO-POSITION SADDLE @ SCISSORS END



Lifts at edge

Lifts flat surfaces

MODEL NUMBER	CAPACITY (TONS)		LIFT RANGE				OVERALL		WHEEL DIA.		SHIPPING WEIGHT (Lbs.)
	SCISSORS	POST	SCISSORS LOW	SCISSORS HIGH	POST LOW	POST HIGH	WIDTH	LENGTH	FRONT	REAR	
72036C	5	5	2.5"	18.25"	17.375"	31"	8.375"	30.25"	2"	3.125"	104

FEATURES

- Heavy-duty tubular steel construction capable of handling 300 pounds.
- Easy grip handle along with improved "bent arm" design improves leverage for easier installation and minimizes back strain.
- Steel alignment rollers for simple alignment of the wheel to the wheel studs.
- Spring-loaded kickstand offers convenient storage.
- Two models capable of handling tire diameters from 24 to 48 inches.

82310

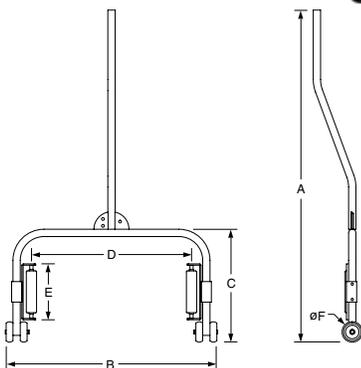
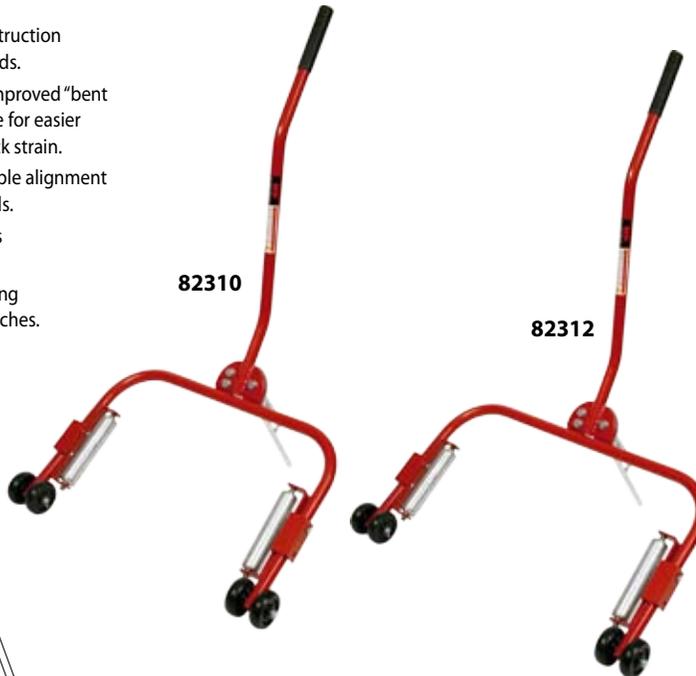
NARROW SINGLE TIRE HANDLER DOLLY

82312

WIDE SINGLE TIRE HANDLER DOLLY

INTENDED USE

To provide added leverage to easily remove or install truck tire-and-wheel assemblies.



MODEL NUMBER	HANDLES TIRES	A	B	C	D	E	F	SHIPPING WEIGHT (Lbs.)
82310	24"- 36"	42.5"	24.75"	15.5"	18"	7.5"	3"	19
82312	36"- 48"	41"	32"	17"	23.75"	7.25"	3"	22



82302B

1/2 TON CAPACITY**INTENDED USE**

For the removal and installation of single, tandem and duplex tires and wheels which are mounted on trucks that are supported above ground level.

FEATURES

- Heavy duty lift arms made with ball bearing conveyer rollers which allow easy rotation of wheels for alignment with bolt pattern.
- 7-1/2" of side to side lift arm adjustment eliminates the trial and error method of aligning the rim's lug holes with the wheel drum.
- A 1,500 pound capacity heavy duty winch with 5 to 1 gear ratio provides ease of operation.
- The winch gear design acts as a brake and allows the load to be lowered incrementally if desired and without the need for constant hand pressure against the crank handle.
- A hydraulic jack tilts the lift arms to match the angle of the spindle.
- Safety chain provided to secure tires and wheels to the dolly.
- Maneuverability is made easy by means of two rear mounted ball bearing caster wheels. The caster wheels include a locking mechanism which can prevent the dolly from moving.

82302B
(1/2 TON)

82304

1/2 TON CAPACITY AIR/HYDRAULIC**INTENDED USE**

This uniquely crafted wheel lift is designed for the removal and installation of single, tandem, and duplex tires and wheels which are mounted on trucks that are supported above ground level.

82304
(1/2 TON)**FEATURES**

- The unique, open-chassis design allows for much easier alignment than with the center post designs of our competition.
- Air-operated pump allows the unit to lift the load effortlessly.
- Heavy duty lift arms made with ball bearing conveyer rollers which allow easy rotation of wheels for alignment with bolt pattern.
- 39 1/2" lift range.
- 7" of side to side lift arm adjustment allows for the easy alignment of the rim's lug holes with the wheel.
- 1,000 pound capacity.
- A hydraulic jack provides tilt to the lift arms for easy alignment.
- Safety chain provided to secure tires and wheels to the dolly.
- Maneuverability is made easy by means of two rear mounted ball bearing swivel casters. The caster wheels include a locking mechanism which can prevent the dolly from moving.

MODEL NUMBER	CAPACITY	LIFT HEIGHT		LIFT ARMS			SIDE to SIDE ADJ.		OVERALL DIMENSIONS			SUPPORT LEG CLEARANCE	SHIPPING WEIGHT (Lbs.)
		LOW	HIGH	WIDTH	LENGTH	TILT ANGLE	LEFT	RIGHT	L	W	H		
82302B	1/2 TON	3"	41.25"	24.25"	21"	-2° to +30°	3.25"	4.25"	45.75"	43.75"	62"	6.25"	315
82304	1/2 TON	2.125"	39.5"	30.875"	22.125"	-2° to +30°	2.5"	4.5"	49.5625"	44.625"	69.6875"	6.25"	476

TIRE LIFTER

82305

300 LB. CAPACITY SINGLE TIRE LIFTER**INTENDED USE**

To safely assist a technician with the removal and installation of single wheels on vehicles that are supported on a lift.

FEATURES

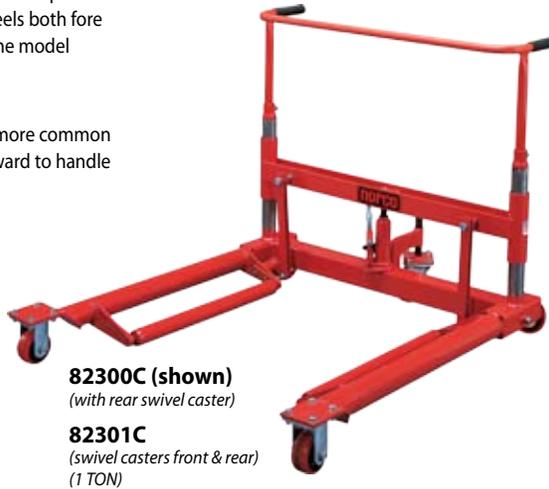
- Maneuverability is made easy by means of four swivel caster wheels. Two rear caster wheels include a locking mechanism which can prevent the dolly from moving.
- Unique offset design offers open access from the rear to mount wheel to the vehicle.
- Onboard rollers make for easy stud-to-hole alignment.
- Air-operated pump allows the unit to lift the load effortlessly.
- 6 1/4" low height of support legs.



MODEL NUMBER	CAPACITY (Lbs.)	LIFT TRAVEL	LIFT ARMS				OVERALL DIMENSIONS			SHIPPING WEIGHT (Lbs.)
			LOW HT.	HIGH HT.	WIDTH	LENGTH	L	W	H	
82305	300	51"	2"	53"	20" I.D. / 24" O.D.	17.5"	39"	31.75"	79"	215

FEATURES

- Rear swivel caster wheel and rigid front wheels provide positive steering for the model 82300C. Swivel caster wheels both fore and aft provide side to side maneuverability for the model 82301C.
- Wheels with polyurethane tread protect floor.
- Lift arms can be adjusted in closer to handle the more common dual wheel combinations and then adjusted outward to handle the larger combinations.
- Lift arms with ball bearing rollers easily rotate vehicle rim for bolt pattern alignment.
- Lift arms supported at both ends minimize wheel movement.
- Adjustable height push bar provides unobstructed access to hub area.
- 3-1/4" travel adjustment on rear caster wheel matches lifting arms with spindle angle.



82300C (shown)
(with rear swivel caster)

82301C
(swivel casters front & rear)
(1 TON)

82300C

1 TON CAPACITY

82301C

1 TON CAPACITY

INTENDED USE

For the removal and installation of single, tandem and duplex tires and wheels.

82320
(3/4 TON)



FEATURES

- Dolly handles any tire diameter and up to 1500 lbs. combined tire and wheel weight.
- Three 4" diameter swivel ball bearing caster wheels provide easy maneuverability and positioning.
- Travel adjustment on rear locking caster wheel matches lifting arms with spindle angle.
- 6' chain included to secure wheel assembly to dolly during removal and transport.
- Quick disconnect push/pull handle provides unobstructed access to hub area.

82320

3/4 TON CAPACITY

INTENDED USE

For the removal and installation of single, tandem and duplex tires and wheels.

U.S. Patent No. 5,362,194

FEATURES

- Patented tilt design positions wheel at 45 degree angle for easy wheel bearing installation and waste oil removal.
- Wheel inspection made easier at 45 degree tilt angle.
- Four 4" diameter swivel caster wheels for easy positioning.



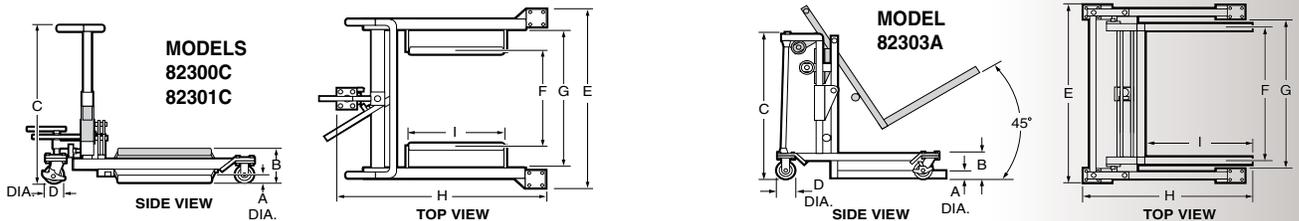
82303A
(1/2 TON)

82303A

**1/2 TON CAPACITY
LIFT / TILT
WHEEL DOLLY**

INTENDED USE

Same as the models 82300C & 82301C but with added tilt feature.



MODEL NUMBER	CAPACITY	A	B (Lift)	C	D	E	F	G	H	I	SHIPPING WEIGHT (Lbs.)
82300C	1 TON	1.875"	7.5"	39"	4"	44.5"	22 - 26"	35"	50.5"	24.625"	207
82301C	1 TON	1.875"	7.5"	39"	4"	44.5"	22 - 26"	35"	50.5"	24.625"	209
82303A	1/2 TON	2.375"	5.75"	33.75"	4"	41"	24"	33"	39.5"	24.75"	193

MODEL NUMBER	CAPACITY	LIFT TRAVEL	LIFT ARMS		OVERALL DIMENSIONS			SHIPPING WEIGHT (Lbs.)
			SPREAD	LENGTH	L	W	H	
82320	3/4 TON	4.75"	26"	24.5"	43.5"	39.5"	35"	175



78106A

**FOLDABLE
ENGINE CRANE
2,500 LBS. CAPACITY**

INTENDED USE

Designed to raise, lower and transport automobile engines, transmissions, differentials and other heavy loads with minimal effort.

FEATURES

- Four position telescopic boom with 3/8" proof chain and swivel mounted hook.
- 3 ton capacity hydraulic power unit provides faster raising action and a large diameter ram to withstand angle loads.
- Low profile design (4-3/4" from top of legs to ground) allows positioning under low ground clearance vehicles.
- Quick foldable legs and boom save shop space (22-1/2" x 51-3/4") and prepare crane for transport or storage within seconds.
- 4" diameter front wheels and locking rear caster wheels provide positive steering and easy maneuvering. Locking caster wheels secure crane from moving when in use.



78106A
(2,500 LBS.)



78204A

**1/2 TON CAPACITY
TRUCK CRANE**

INTENDED USE

Same as the model 78106A but mounts in the bed of a truck or on a loading dock.



78204A
(1/2 TON)

FEATURES

- Four position telescopic boom that folds down for traveling position or storage.
- 5 to 1 gear ratio winch with 20 foot long 1/4" diameter steel cable and hook pulls the load toward the boom.
- Winch gear design acts as a brake and allows the load to be lowered incrementally if desired and without the need for constant hand pressure against the crank handle.
- Hydraulically activated boom lifts the load to the desired height.
- Crane swivels 360 degrees but can be locked in position.



78600B

**3 TON CAPACITY
AIR/HYDRAULIC
FLOOR CRANE**



78605A

**3 TON CAPACITY
ELECTRO/HYDRAULIC
FLOOR CRANE**

INTENDED USE

For lifting heavy items including removal and installation of diesel engines and often their transmissions.

FEATURES

- Multiple boom and leg extensions provide maximum stability.
- Boom swivels 10 degrees right or left if base cannot be centered under the load.
- Floor lock secures crane from moving when in use.
- Model 78600B includes a foot activated air/hydraulic foot pump requiring 100 P.S.I. air pressure.
- Model 78605A includes an electro/hydraulic pump requiring 115 VAC.



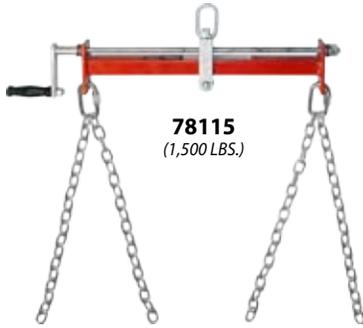
***78600B
78605A (shown)**
(3 TON)

NOTE:

See information concerning air and electro/hydraulic pumps on pages 36 and 37.

**Model not shown has same basic construction as model pictured.*

MODEL NUMBER	BOOM CAPACITY @ LENGTH	BOOM HEIGHT		LEG EXTENSION	OVERALL DIMENSIONS			WHEEL DIAMETERS		SHIPPING WEIGHT (Lbs.)
		Min.	Max.		Height	Width	Length	Front	Rear	
78106A	2500 LBS. @ 43"	0"	88"	N/A	70.75"	51.75"	74.5	4"	4"	320
78204A	1/2 TON @ 46.25"	0"	68.5"	N/A	64"	14"	46.25"	—	—	180
78600B	3 TON @ 65" 2-1/2 TON @ 81"	13"	149.5"	49", 65", 81"	90.5"	51"	75"	8"	6"	1,150
78605A	2 TON @ 97"	13"	149.5"	49", 65", 81"	90.5"	51"	75"	8"	6"	1,182



78115
(1,500 LBS.)



78606
(6,000 LBS.)

FEATURES

- Designed to hook to a crane or hoist to handle and position large, bulky components.
- The horizontal tilt can be adjusted to compensate for off-center loads, or adjusted to a certain angle for a component being positioned.
- Large adjustment handle allows for quick and easy leveling of the load.
- Can be used with Norco Model 78106A Engine Crane.

FEATURES

- Designed to hook to a crane or hoist to handle and position large, bulky components.
- The horizontal tilt can be adjusted to compensate for off-center loads, or adjusted to a certain angle for a component being positioned.
- Adjustment screw can be used manually or with air tools.
- Can be used with NORCO Model 78600B or 78605A Engine Cranes.
- 5/16" Alloy Grade 80 chain.
- Position of hooks adjusts from 31" to 47".

78115

1,500 LB. CAPACITY ENGINE LOAD LEVELER

INTENDED USE

Designed to attach to a crane to position automobile and light truck engines and other vehicle components.

78606



6,000 LB. CAPACITY ENGINE LOAD LEVELER

INTENDED USE

Designed to attach to a crane to position heavy duty truck engines and other vehicle components.

MODEL NUMBER	CAPACITY	LENGTH	WIDTH	HEIGHT	CHAIN LENGTH	SHIPPING WEIGHT (Lbs.)
78115	1,500 LBS.	28.25"	2.375"	8.125"	27"	20
78606	6,000 LBS.	47"	4.75"	10"	26.8125"	69

OPTIONAL EQUIPMENT

78109



TRANSMISSION ADAPTER

replaces engine mounting fingers and converts engine stand into a transmission service stand.
Weight: 11Lbs.



FEATURES (78100 / 78100i)

- Fully adjustable engine mounting head.
- Long handle and 360 degree rotating head easily position engine.
- One bolt disassembles stand for transporting or storage.
- Heavy wall tubing prevents excessive frame flex.
- 2 rigid wheels in back and 2 swivel caster wheels in front provide maximum stability and support.

78100



IMPORT 78100i

1,000 LBS. CAPACITY ENGINE STAND

INTENDED USE

For safe handling and positioning of most automotive engines.

78108



IMPORT 78108i

1,250 LBS. CAPACITY ENGINE STAND

INTENDED USE

Same as models 78100 and 78100i but with heavier construction to handle the largest V8s.



78108
78108i
(1,250 LBS.)

78100
78100i
(1,000 LBS.)

FEATURES (78108 / 78108i)

- Same as the models 78100 and 78100i but with upgraded wheels which include locking front caster wheels.
- Four bolts disassemble stand for transporting or storage.

MODEL NUMBER	CAPACITY	OVERALL DIMENSIONS			WHEEL DIAMETER	HANDLE LENGTH	FINGER ADJUSTMENT		SHIPPING WEIGHT (Lbs.)
		Height	Width	Length			Height	Width	
78100 78100i	1000 LBS.	38"	34.5"	37"	3"	30"	12" – 15.5"	15" – 18"	87
78108 78108i	1250 LBS.	39"	36.5"	39"	4"	30"	12" – 15.5"	15" – 18"	115

78200

2,000 LBS. CAPACITY ENGINE STAND

INTENDED USE

A twin-post design capable of handling large automotive engines and small diesel engines ranging between 1,250 and 2,000 pounds.



Shown with optional 78201 engine adapters.

FEATURES

- Includes two universal mounting plates, rotating shaft, eight fully adjustable arms and all the related mounting hardware.
- Rotating shaft with mounting plate telescopes inside the post receiver for fine adjustment when mounting ends or sides of engines. Mounting plates can be adjusted 36-1/4" apart.



78200
(2,000 LBS.)



OPTIONAL ENGINE MOUNTING ADAPTERS (FOR MODEL 78200)

MODEL 78201

Ford 6.0L and 6.4L Engine Adapter for 78200
Weight: 31 lbs.



MODEL 78202

Ford 6.2L Engine Adapter for 78200
Weight: 37 lbs.



MODEL 78203

Ford 6.7L Engine Adapter for 78200
Weight: 37 lbs.



78125

1,250 LBS. CAPACITY ENGINE STAND

INTENDED USE

For safe handling and positioning of automotive engines weighing up to 1,250 pounds.

FEATURES

- 50:1 ratio gearbox activated by hand crank easily turns the 360 degree rotating head to the desired work position.
- Fully adjustable engine mounting head.
- Two rigid wheels in back and two swivel caster wheels in front provide maximum stability and support. One locking caster wheel secures the stand in the desired work location.
- Telescopic base locks into any one of four different positions to extend the length of the stand for added stability when required.



78125
(1,250 LBS.)

MODEL NUMBER	CAPACITY	HEIGHT	WIDTH		LENGTH		WHEEL DIAMETER	SHIPPING WEIGHT (Lbs.)
			Front	Rear	From	To		
78125	1250 LBS.	42"	21.25"	40"	38.25"	53.25"	4"	179
78200	2000 LBS.	42"	21.25"	40"	38.25"	53.25"	4"	273

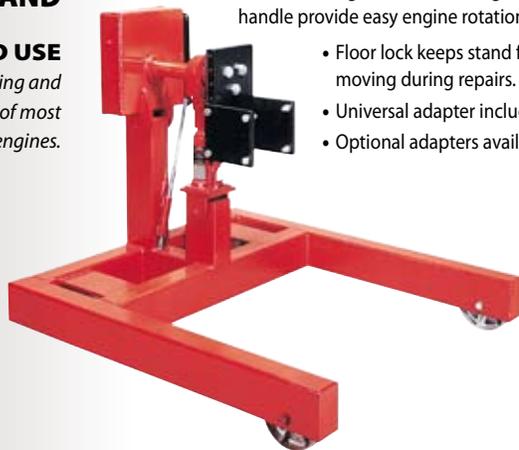


78160

3 TON CAPACITY DIESEL ENGINE STAND

INTENDED USE

For safe handling and positioning of most diesel engines.



FEATURES

- Mounting head tilts for engine clearance in 360 degree rotation.
- 95 to 1 worm gear drive and long handle provide easy engine rotation.
- Floor lock keeps stand from moving during repairs.
- Universal adapter included.
- Optional adapters available.



OPTIONAL ENGINE MOUNTING ADAPTERS

- 78162:** Detroit Diesel Engine Adapter for 53, 71, and 92 Series Engines.
- 78163:** Cummins Engine Adapter for a Wide Range of Cummins Engines Including: NH, NTC, NTE, N14 855, V6 378; 504, 555, and V8 903; In-Line 6 KT 1150M, L10 (Now ISL).
- 78164:** Caterpillar Engine Adapter for In-Line 6 models: 1673, 1674, 1693, 3306, & 3406 engines. V8 models: 1100, 3208, and 3408.
- 78165:** IH and Ford Engine Adapter for International Harvester engines: DT-466 In-Line 6 DV-550, MV-404, MV-446, V304, V435, V392, 4-152, 4-194, 4-196, 9.0 liter V8. Ford 6.9L and 7.3L Engines.
- 78166:** Mack Engine Adapter for the following In-Line Six Cylinder Engine Series: 672, 673, 675, 711.
- 78167:** Detroit Allison Transmission Adapter for AT, MT, VS, VH, and V730.
- 78168:** Detroit Diesel Engine Adapter for V6 and V8, Series 71 Engines.
- 78169:** Caterpillar Engine Adapter for 3114, 3116, 3176 (Truck or Marine).
- 78170:** Mack Engine Adapter for V8 1000, E6 and E7 In-Line 6 Cylinder Engines.
- 78172:** Volvo Engine Adapter for TD67 (developed 1964), TD71 (developed 1984) Engines.
- 78173:** Detroit Allison Transmission Adapter for HT740D, HT750, HT750CT, CLBT, CR/DR.
- 78174:** Ford New Holland Adapter for 6.6L and 7.8L Engines.

Visit www.norcoindustries.com for more detailed descriptions and photos.

MODEL NUMBER	CAPACITY	OVERALL DIMENSIONS			WHEEL DIAMETERS		ROTATIONAL CLEARANCE FROM MTG. HEAD TO GROUND	SHIPPING WEIGHT (Lbs.)
		Height	Width	Length	Front	Rear		
78160	3 TON	45"	50"	54.25"	7"	5.75"	35.25" to 43.25"	631

FEATURES

- Portable trolley supports the pump and maneuvers the lift from one service bay to another.
- Twin hydraulic cylinders and scissors lift design provide maximum support and stability.
- Hydraulic velocity fuses allow slow release of lift in the event of hose or hydraulic component damage.
- 4-3/4" low height for easy drive on and off.
- Fast and efficient operating pump powered by a 1 hp, 115 volt motor (1 year warranty on pump and motor).
- Sliding radius arms easily adjust to vehicle frame lift positions.
- Automatic mechanical safety lock will lock in a 26-1/2", 34-1/2", 41" or 48" lift height.
- A set of four 2-1/8" riser plates and four swivel rubber lifting pads are included.



MODEL 86002

2 1/8" Riser Plates (Included)



MODEL 86010

86002

**48" MID-RISE LIFT
6,000 LBS. CAPACITY**

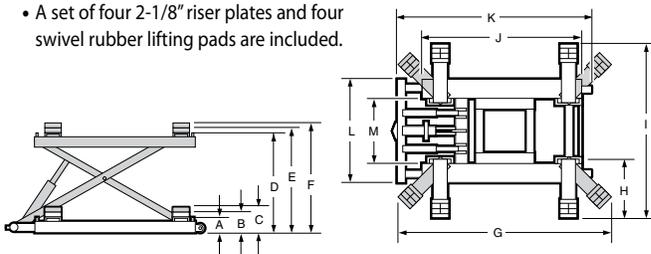
INTENDED USE

Lifts cars, vans and light-duty trucks for wheel and brake related repairs, tire and wheel changing, collision repair work and new car preparation.

86010

OPTIONAL ADAPTERS

Includes four extension screw adapters with rubber pads for higher frame clearance vehicles and four steel cover plates that fit over the rubber pads to contain a vehicle frame. Weight: 31 lbs.



MODEL NUMBER	CAPACITY (LBS.)	A	B	C	D	E	F	G	H	I	J	K	L	M	HYD. HOSE LENGTH	RELEASE CABLE LENGTH	SHIPPING WEIGHT (Lbs.)
86002	6000	4.75"	6"	8.25"	46.75"	48"	50.25"	87"	21.5"	63"	64.25"	88"	39.5"	22.375"	12'	12.5'	1019

U.S. PATENT NO. 7,225,900 B2

FEATURES

- **Space-saving Design** leaves room in your shop or garage.
- **2-3/4" Low Lift Height** fits under most low profile customs and choppers.
- **Infinite Height Adjustment** up to a maximum of 30".
- **Two Locking Height Positions** for storing the motorcycle on the lift for extended lengths of time.
- **Four Premium Quality Tie-Downs** provide a quick and easy way to secure the motorcycle to the lift arms.
- **Patented Lift Design** includes a manually operated bottle jack as an integrated part of the linkage which raises or lowers the lift arms.
- **Safety Release Knob** provides slow controlled lowering of load.
- **Rubber Pads** on lift arms prevent slippage while providing cushioning to protect painted and chromed frames.
- **Composite Wheels and "T" Handle** for maneuverability in a shop or garage environment. The lift is not designed to move with a mounted motorcycle.



777D

**1,000 LBS. CAPACITY
MOTORCYCLE LIFT**

INTENDED USE

Raising exposed frame motorcycles 30" high for easy cleaning, servicing and building.

787D

**1,000 LBS. CAPACITY
AIR/HYDRAULIC
MOTORCYCLE LIFT**

777D (shown)
(1,000 LBS.)

***787D**
(1,000 LBS.)

***NOTE:**
Model not shown has same basic construction as model pictured.

MODEL NUMBER	CAPACITY (LBS.)	LIFT RANGE LOW HIGH	LENGTH	WIDTH	HEIGHT	WEIGHT (Lbs.)
777D	1000	2.75" 30"	36.5"	38"	35.75"	150
787D	1000	2.75" 30"	36.5"	38"	35.75"	163

MOTORCYCLE LIFTS





78013A

**12 TON CAPACITY
HAND PUMP
OPERATED**



78022D

**20 TON CAPACITY
HAND PUMP
OPERATED**

INTENDED USE

*Straightening, bending & pressing.
Removing & installing gears,
bearings & bushings.*

78024

**25 TON CAPACITY
AIR/HYDRAULIC
PUMP OPERATED**

INTENDED USE

*Straightening, bending and
pressing. Removing and
installing gears, bearings
and bushings.*

FEATURES

- Manual pump power unit with "Parkerized" pump piston, ram and extension screw to inhibit rust from entering the hydraulic system.
- Pair of bed plates included.
- Shielded heavy duty ram return springs.
- Power unit is bearing mounted for horizontal movement on head channel.
- Zero distortion, heavy duty structural steel frame.
- Optional equipment below can be used on model 78022D press. Model 78000 arbor plates and model 78032 bearing puller below can be used on model 78013A press.



78024
(25 TON)



78013A
(12 TON)

78022D (shown)
(20 TON)

NOTE:
*Model not shown has
same basic construction
as model pictured.*

FEATURES

- Air/hydraulic foot pump provides hands free operation.
- Note:** See page 36 for additional information on the model 910130 pump.
- Pair of bed plates included.
- Self-retracting ram can slide for horizontal movement on head channel.
- Zero distortion, heavy duty structural steel frame.
- Liquid filled gauge measures ram force and internal working pressure.
- Optional equipment, Model 78025 Accessory Kit can be used on this press. (see below)

MODEL NUMBER	CAPACITY	RAM TRAVEL	THROAT HEIGHT		THROAT WIDTH	BED HEIGHT ADJUSTMENTS	BETWEEN UPRIGHTS	BETWEEN BED RAILS	BASE		OVERALL HEIGHT	SHIPPING WEIGHT (Lbs.)
			MIN.	MAX.					WIDTH	DEPTH		
78013A	12 TONS	5.875"	5"	38.25"	25"	8 x 4.75"	5"	6"	34"	28"	70.625"	266
78022D	20 TONS	6.625"	7.125"	35.5"	30"	7 x 4.75"	6"	7"	40"	28"	70.625"	394
78024	25 TONS	8"	6.75"	40"	30.5"	8 x 4.75"	6"	7"	40"	28"	76.75"	430

OPTIONAL EQUIPMENT

78025

**ACCESSORY KIT
FOR 20 & 25
TON CAPACITY
SHOP PRESSES**

Weight: 40 lbs.



INCLUDES:

- A. MODEL 78033 - Arbor Plates
- B. MODEL 78028 - "V" Pushing Adapter
- C. MODEL 78029 - 3/4" Diameter Ram
- D. MODEL 78031 - 1" Diameter Ram
- E. MODEL 78032 - Bearing Puller

A.



78000



ARBOR PLATES

*A pair of 1" x 4" x 10" long steel plates with "V" cutout on one edge and circle cutout on the other. For 12, 20 and 25 ton capacity presses only.
Weight: 20 lbs.*



78021

**HYDRAULIC GAUGE
WITH FITTINGS**

*4" Diameter face designed to work with Norco 12 & 20 ton presses.
Weight: 2 lbs.*



NOTE:
Models not shown have same basic construction as model pictured.

FEATURES

- Safety overload system protects power unit.
- Hand operated winch raises and lowers press bed.
- Liquid filled gauge measures ram force in pounds and tons.
- Self-retracting ram is bearing mounted for lateral movement on head channel.

78055A



50 TON CAPACITY HAND PUMP OPERATED

INTENDED USE

Heavy duty use in truck garages and industrial work shops.

78057A



50 TON CAPACITY AIR/HYDRAULIC PUMP OPERATED

INTENDED USE and FEATURES

Same as model 78055A but equipped with an air/hydraulic foot pump and model 910036A 10' hose.

Note: See pages 35, 36 and 37 for additional information on pumps and page 33 for hoses.

78055A

(50 TON)

78057A

(50 TON)

78058A (shown)

(50 TON)

78110C

(100 TON)

A. 78056A



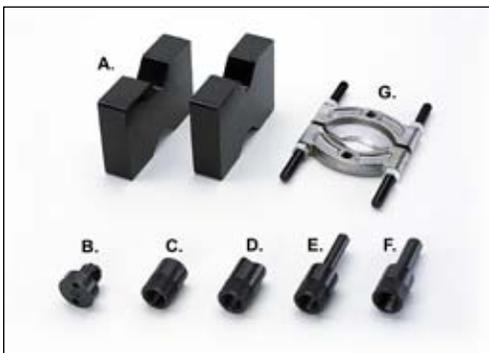
50 TON CAPACITY PAIR OF ARBOR PLATES
used with all 50 ton capacity presses. Weight: 108 lbs.

OPTIONAL EQUIPMENT

78060

ACCESSORY KIT FOR 50 TON CAPACITY SHOP PRESSES

Weight: 143.5 lbs.



INCLUDES:

- A. MODEL 78056A - Arbor Plates
- B. MODEL 78059 - Threaded Adapter
- C. MODEL 78061 - Ram Cap
- D. MODEL 78062 - "V" Pushing Adapter
- E. MODEL 78063 - 1" Diameter Ram
- F. MODEL 78064 - 1-1/4" Diameter Ram
- G. MODEL 78066 - Bearing Puller

78111A



100 TON CAPACITY PAIR OF ARBOR PLATES
used with model 78110C shop press. Weight: 153 lbs.

78058A



50 TON CAPACITY ELECTRO/HYDRAULIC PUMP OPERATED

78110C



100 TON CAPACITY ELECTRO/HYDRAULIC PUMP OPERATED

INTENDED USE and FEATURES

Same as model 78055A but the model 78058A is equipped with the model 910052A electro/hydraulic pump and the model 78110C is equipped with the model 910019B electro/hydraulic pump.

Note: See page 37 for additional information on pumps.

MODEL NUMBER	CAPACITY	RAM TRAVEL	THROAT HEIGHT		THROAT WIDTH	BED HEIGHT ADJUSTMENTS	BETWEEN UPRIGHTS	BETWEEN BED RAILS	BASE		OVERALL HEIGHT	SHIPPING WEIGHT (Lbs.)
			MIN.	MAX.					WIDTH	DEPTH		
78055A	50 TON	6.25"	7.5"	32.625"	34.5"	7 x 5"	5.625"	7.375"	50"	40"	72.75"	804
78057A	50 TON	6.25"	7.5"	32.625"	34.5"	7 x 5"	5.625"	7.375"	50"	40"	72.75"	801
78058A	50 TON	6.25"	7.5"	32.625"	34.5"	7 x 5"	5.625"	7.375"	50"	40"	72.75"	814
78110C	100 TON	10.25"	18.25"	45.75"	40.25"	8 x 4.5"	5.625"	9"	58"	40"	81"	1777

904004B
4 TON CAPACITY KIT
 (FORGED ADAPTERS)

904005
4 TON CAPACITY KIT
 (CAST ADAPTERS)

INTENDED USE

For collision repair, industrial and construction applications where convenience of hydraulic power can be utilized for spreading, clamping, pushing and lifting operations.

NOTE: Cast & forged adapter components vary in size and are not interchangeable.

FEATURES

- "Quick-Lock" design for fast and easy assembly and disassembly.
- Long handle provides ease of pumping.
- Thick walled extension tubes for added strength and longer life.
- Roto-molded plastic case for organized component storage and ease of carrying.
- Flexible hydraulic hose with spring guards at both ends.
- Forged steel adapters for added strength and durability (904004B/910005B).
- All casting parts are made of nodular cast iron (904005/910006).

Kit Weight:

904004B: 41 lbs.
 904005: 42 lbs.



904004B (shown)
***904005**
 (4 TON)

4 TON kits include:

- PLASTIC CASE
- 10,000 P.S.I. PUMP
- 6' HOSE
- 4" STROKE RAM
- WEDGE RAM (1/2 TON CAP.)
- 4", 8", 12" AND 16" EXTENSION TUBES
- TUBE CONNECTOR
- SERRATED SADDLE
- RUBBER HEAD
- WEDGE HEAD
- RAM TOE
- PLUNGER TOE
- RUBBER FACED FLAT BASE
- 90 DEGREE "V" BASE

910005B
10 TON CAPACITY KIT
 (FORGED ADAPTERS)

910006
10 TON CAPACITY KIT
 (CAST ADAPTERS)

INTENDED USE

Same as 4 ton kits but for heavier jobs such as automotive frame straightening.

NOTE: Cast & forged adapter components vary in size and are not interchangeable.

FEATURES

- All the same features found in the 4 ton kits.

Kit Weight:

910005B: 83 lbs.
 910006: 77 lbs.



910005B (shown)
***910006**
 (10 TON)

10 TON kits include:

- WHEELED PLASTIC CASE
- 10,000 P.S.I. PUMP
- 6' HOSE
- 6" STROKE RAM
- WEDGE RAM (1/2 TON CAP.)
- 5", 10", 14" AND 19" EXTENSION TUBES
- TUBE CONNECTOR
- SERRATED SADDLE
- RUBBER HEAD
- WEDGE HEAD
- 90 DEGREE "V" BASE
- FLAT BASE
- RAM TOE
- PLUNGER TOE

920020
20 TON CAPACITY KIT
 (FORGED ADAPTERS)

INTENDED USE

A deluxe kit for repairing heavy road machinery, trucks, farm equipment and also used for some heavy construction applications.

FEATURES

- Two steel cases with carrying handles share the weight for easier handling of kit.
- Two-speed pump quickly raises ram to load and secondary pump provides powerstroke.

Kit Weight: 152 lbs.


MODEL 920020 KIT includes:

- STEEL CASE (1 OF 2)
- 2-SPEED PUMP
- 5' HOSE
- RAM, 5" STROKE
- 3-1/2" DIA. SADDLE (2)
- THREADED COUPLER (3)
- TOE LIFT
- WEDGE HEAD
- VEE HEAD
- STEEL CASE (2 OF 2)
- 3" EXTENSION TUBE (2)
- 5" EXTENSION TUBE
- 10" EXTENSION TUBE
- 20" EXTENSION TUBE
- 27-1/2" EXTENSION TUBE
- 6-1/2" DIA. BASE (2)

FEATURES

- Heavy duty rubber hoses rated at 10,000 p.s.i. meet IJ-100 specifications. Hoses are rubber coated with 2 layers of braided steel and offer flexibility with little memory. Strain relief type fittings are crimped on for improved life and durability.
- Quick connect 3/8" high flow couplers allow fast set-up of hydraulic systems. All couplers include two-in-one dust cap for use on male and female coupler halves.

HOSES AND COUPLERS

INTENDED USE

These heavy duty hoses and couplers are used to join pumps and cylinders together (see pages 34-37).



MODEL NUMBER	DESCRIPTION	CAPACITY (P.S.I.)	HOSE OR COUPLER I.D.	CONNECTION	WEIGHT (Lbs.)
910016	9' Long Hose	10,000	.25"	.25 AND .375 NPT Male Ends	2.5
910035A	6.5' Long Hose	10,000	.375"	.375 NPT Male Both Ends	4.5
910036A	10' Long Hose	10,000	.375"	.375 NPT Male Both Ends	7
910037A	Coupler, Hose Half	10,000	.375"	.375 NPT Male End	1
910038A	Coupler, Cylinder Half	10,000	.375"	.375 NPT Female End	1

910043A & 925142A

Heavy duty bases provide firmer and more stable footing for cylinders.

910048 & 925148

Threaded adapters screw into the tops of the cylinders and provide a threaded connection for other attachments.

910044A & 925143A

Threaded male connectors adapt bases to the cylinders.

910039 & 925045

Base attachments are bolted to the bottom of the cylinders and are internally threaded to receive other attachments.

910046A & 925141A

Grooved saddles protect the cylinder ends and provide a better gripping surface.

BASES, SADDLES AND ATTACHMENTS

MAX. 50% CAUTION! When cylinders are used with maintenance set attachments or components, the maximum system pressure must be limited to half the rated pressure (5,000 psi).



MODEL NUMBER	DESCRIPTION	CAPACITY (TONS)	FOR USE ON CYLINDERS	CONNECTION (NPT)	WEIGHT (Lbs.)
910043A	3.5" x 6.5" Base	5	10 Ton Cap.	1.25 x 11.5 Female	3.5
925142A	6.5" Dia. Base	12-1/2	25 Ton Cap.	2 x 11.5 Female	9.5
910044A	Male Connector	5	10 Ton Cap.	1.25 x 11.5 Male	0.5
925143A	Male Connector	12-1/2	25 Ton Cap.	2 x 11.5 Male	4.5
910046A	1.375" Dia. Grooved Saddle	10	10 & 15 Ton Cap.	—	0.5
925141A	2" Dia. Grooved Saddle	25	25 Ton Cap.	—	0.5
910048	Threaded Adapter	5	10 & 15 Ton Cap.	1.25 x 11.5 Male	1
925148	Threaded Adapter	12-1/2	25 Ton Cap.	2 x 11.5 Male	2.5
910039	Base Attachment	5	10 Ton Cap.	1.25 x 11.5 Female	2
925045	Base Attachment	12-1/2	25 Ton Cap.	2 x 11.5 Female	5.5

910100A

FLOW CONTROL VALVE

Manually adjusted fine metering valve rated at 10,000 P.S.I. that fits between the pump and cylinder. The valve controls the flow of oil returning to the reservoir when pressure is released. Valve includes 3/8" NPTF male and female connections. Weight: 1 lb.



CYLINDERS

INTENDED USE

For many applications including shop, agricultural, automotive/ truck service needs and construction maintenance applications where lifting, pushing, pulling, bending or holding may be required.

SINGLE-ACTING CYLINDER FEATURES

- High flow quick connecting coupler and dust cap included on all models.
- Unique piston and cylinder bearings absorb eccentric load stresses in order to protect the cylinder against abrasion, over-extending and jamming.
- Nickel plating on most cylinder pistons inhibits rusting.
- Baked enamel exterior finish for increased corrosion resistance.
- Polyurethane seals and wipers provide high cycle life.
- Heavy duty return springs provide consistent performance.
- Cylinders comply with ANSI B 30.1.

DOUBLE-ACTING CYLINDER FEATURES

- Same as the standard cylinders but have the ability to pull as well as push under power.
- IMPORTANT: Double-acting cylinders can only be used with the 4-way valve hand pump model 925014 found on page 37.
- Built-in safety valve prevents over-pressurization.

910028A

WEDGE RAM FEATURES

- Jaws open from 3/8" to 3-11/16" so ram can be used in very confined work areas.
- Spring retractable jaws.



910028A
Wedge Ram

910027A

910026A
(shown)
910029A
910030
910047

915006

925026B

925023
925024
(shown)
925025A
925027A

910010
(shown)
930008
955106
999106

930003

950005
955019A
(shown)

999000

SINGLE-ACTING CYLINDERS

MODEL NUMBER	CAPACITY (TONS)	STROKE (Inches)	OIL CAP (Cu. In.)		CYLINDER BORE DIA. (Inches)	CYLINDER EFFECTIVE AREA(Sq.In.)	RETURN SPRING	HEIGHT		OUTSIDE DIA.		THREAD SIZE		WEIGHT (Lbs.)
			Push	Pull				Min.	Max.	Piston	Cylinder	Piston (NPT)	CYL. COLLAR (Inches x Thrd.)	
910026A	10	6.125	13.67	1.69	2.23	YES	12.5"	18.625"	1.5"	2.25"	1.25 x 11.5	2.25 x 14	1.25 x 11.5	10
910027A	10	2.125	4.75	1.69	2.23	YES	4.5"	6.625"	1.5"	2.25"	---	2.25 x 14	---	6
910029A	10	10.125	22.59	1.69	2.23	YES	16.5"	26.625"	1.5"	2.25"	1.25 x 11.5	2.25 x 14	1.25 x 11.5	14
910030	10	12	26.76	1.69	2.23	YES	15.75"	27.75"	1.5"	2.25"	---	2.25 x 14	---	16.5
910047	10	14	31.22	1.69	2.23	YES	17.75"	31.75"	1.5"	2.25"	---	2.25 x 14	---	18
915006	15	6	18.84	2.00	3.14	YES	10.6875"	16.6875"	1.63"	2.75"	---	2.75 x 16	---	15
925026B	20	1.75	7.77	2.38	4.44	YES	3.875"	5.625"	2.00"	3.63"	---	---	---	11
925023	25	4	20.60	2.56	5.15	YES	8.5"	12.5"	2.25"	3.38"	---	3.3125 x 12	---	18
925024	25	10.25	52.79	2.56	5.15	YES	14.75"	25"	2.25"	3.38"	---	3.3125 x 12	---	31
925025A	25	6.25	32.19	2.56	5.15	YES	14.875"	21.125"	2.25"	3.38"	2 x 11.5	3.3125 x 12	2 x 11.5	22
925027A	25	14.25	73.39	2.56	5.15	YES	22.875"	37.125"	2.25"	3.38"	2 x 11.5	3.3125 x 12	2 x 11.5	39
930003	30	2.4375	15.85	2.88	6.50	YES	4.625"	7.0625"	2.62"	4.00"	---	---	---	15
950005	50	2.375	22.91	3.50	9.63	YES	4.8125"	7.1875"	2.75"	5.00"	---	---	---	24
955019A	55	6.25	69.06	3.75	11.05	YES	11.125"	17.375"	3.13"	5.00"	---	5 x 12	---	51
999000	100	10.25	211.66	5.13	20.65	YES	17.6875"	27.9375"	4.13"	7.00"	---	6.875 x 12	---	160

DOUBLE-ACTING CYLINDERS

MODEL NUMBER	CAPACITY (TONS)		STROKE (Inches)	OIL CAP (Cu. In.)		CYLINDER BORE DIA. (Inches)	CYLINDER EFFECTIVE AREA(Sq.In.)		HEIGHT		OUTSIDE DIA.		SADDLE DIAMETER	COLLAR THREAD SIZE	WEIGHT (Lbs.)
	Push	Pull		Push	Pull		Push	Pull	Min.	Max.	Piston	Cylinder			
910010	10	4	10	22.33	8.00	1.69	2.23	.80	16.125"	26.125"	1.38"	2.88"	1.375"	2.25 x 14	28
930008	30	5	8.25	53.67	25.00	2.88	6.51	3.00	15.25"	23.5"	2.13"	4.00"	2"	3.3125 x 12	40
955106	50	10	6.125	67.77	21.00	3.75	11.06	3.40	13.0625"	19.1875"	3.13"	5.00"	2.8125"	5 x 12	67
999106	100	48	6.625	136.93	63.00	5.13	20.65	9.60	14.0625"	20.6875"	3.75"	7.00"	3"	6.875 x 12	135

WEDGE RAM

MODEL NUMBER	CAPACITY (TONS)	ARM HEIGHT		OVERALL DIMENSIONS			CYLINDER AREA (Cu.In.)	OIL CAP (Cu.In.)	WEIGHT (Lbs.)
		CLOSED	OPEN	HEIGHT	WIDTH	LENGTH			
910028A	1	.375"	3.6875"	2.01"	2.01"	8.78"	1.00	.61	5

FEATURES

- Lightweight aluminum body
- Extremely durable
- Ships completely assembled with coupler, shut off, and base
- The perfect cylinder for heavy-duty road service
- These portable cylinders lift 50 tons with 10,000 psi hydraulic pumps



955055 (shown)
(50 TON)

955070
(50 TON)

NOTE:
Model not shown has same basic construction as model pictured.

955055



50 TON ALUMINUM RAM w/ BASE & SHUT-OFF VALVE

955070

50 TON ALUMINUM RAM w/ BASE & SHUT-OFF VALVE (Import)

INTENDED USE

Made for lifting heavy off-road and construction equipment.

MODEL NUMBER	CAPACITY (TONS)	STROKE (Inches)	OIL CAP (Cu. In.)	CYLINDER BORE DIA. (Inches)	CYLINDER EFFECTIVE AREA(Sq.In.)	RETURN SPRING	HEIGHT		OUTSIDE DIA.		WEIGHT (Lbs.)
							Min.	Max.	Piston	Cylinder	
955055	50	6.25	69	3.75	11.045	YES	11.75"	18"	3.125"	6"	39
955070	50	6	64.5	3.74	10.99	YES	11.5"	17.5"	3.146"	5.875"	39

COMPATIBILITY CHART

HYDRAULIC CYLINDERS (Page 34)

PUMPS (Pages 36-37)	910010	910028A	910027A	910028A	910028A	910030	910047	915006	925023	925024	925025A	925026B	925027A	930003	930008	930005	955019A	955055	955070	955106	999000	999106
910017B		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●			
910018B		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●		●	
910019B		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●		●	
910020		●	●	●	●	●	●	●		●	●		●			●		●	●			
910052A		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●			
910130		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●		●	
910140		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●		●	
925009		●	●	●								●		●								
925010		●	●	●	●	●	●	●	●		●	●		●		●		●	●			
925011		●	●	●	●	●	●	●	●		●	●		●		●		●	●			
925012A		●	●	●	●	●	●	●	●		●	●		●		●		●	●			
925013A		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●			
925014	●														●					●		●

Note: A dot inside a square indicates there is sufficient oil in the pump to operate the cylinder to maximum extension. Although some pumps and cylinders are compatible, the useable oil capacity in both are so close that longer hoses (requiring more oil) that connect both components may prevent the pump from operating the cylinder to maximum extension.

910017B

910018B

910130

910140

10,000 P.S.I. CAPACITY**INTENDED USE**

For automotive / truck,
industrial & construction jobs.
The added convenience of an
air motor reduces pumping time
and effort to activate cylinders.



910017B



910018B

FEATURES

- Designed to utilize exhaust air to help power the pump, requiring only 80 p.s.i. air pressure to develop 10,000 p.s.i. hydraulic pressure.
- Air exhaust muffler for quieter operation.
- Air and oil inlet filters for reduced risk of damage from contamination.
- Designed with durable light weight, corrosion resistant plastics.
- Foot pedal provides hands free pumping and release of load.
- Designed to be used with a single-acting cylinder.
- Internal pressure relief valve for overload protection.
- Model 910018B has two-gallon capacity steel reservoir body.



910130



910140

FEATURES

Same as the models 910017B and 910018B
but with added features:

- The model 910130 pump is equipped with a more durable aluminum reservoir.
- Both models 910130 and 910140 come with two different size poppit valves that can be quickly and easily installed. Poppit valves reduce the return flow of oil back to the pump's reservoir providing a safer controlled lowering of load.
- The model 910140 pump is equipped with a thick wall aluminum extruded reservoir.

910020

3,250 P.S.I. CAPACITY**INTENDED USE**

Same as the model 910017B,
but with a steel reservoir body,
a manually activated push
button for pumping and a lever
for release of load. The pump
operates in all positions for
increased versatility in use and
mounting.



910020

MODEL NUMBER	HYDRAULIC PRESSURE RATING (P.S.I.)	USABLE OIL CAP. (Cu. In.)	OUTPUT FLOW RATE (Cu. In. Per Min.)		AIR PRESSURE RANGE (P.S.I.)	AIR CONSUMPTION (scfm)	VALVE FUNCTION	SOUND LEVEL (dBA)	THREAD CONNECTIONS		DIMENSIONS (Inches)			WEIGHT (Lbs.)
			No Load	Load					AIR (NPT)	HYDRAULIC (NPT)	Length	Width	Height	
910017B	10,000	127	60	10	25-125	12	Advance / Hold Retract	76	.25"-18	.375"-18	13.625	6.1875	8.1875	14
910018B	10,000	462	60	10	25-125	12	Advance / Hold Retract	76	.25"-18	.375"-18	13.625	12	11.375	38
910020	3,250	36	40	8	60-120	9	Advance / Hold Retract	85	.25"-18	.125"-27	15.5	4.5	5	9
910130	10,000	122	80.5	12.8	40-170	24	Advance / Hold Retract	85	.25"-18	.375"-18	12.5	5.75	8	22
910140	10,000	462	80.5	12.8	40-170	24	Advance / Hold Retract	85	.25"-18	.375"-18	14	8.5	10.75	44

STEEL HAND PUMP FEATURES

925009, 925010, & 92013A

- 3/8 NPT hose connection on all pumps.
- Internal pressure relief valves for overload protection.
- External load release valve for single-acting cylinder operation.
- Two-speed pump operation on model 925013A for reduced operator fatigue.

LIGHTWEIGHT HAND PUMP FEATURES

925011, 925012A, & 925014

Same as for the steel hand pumps but with the following additions:

- Durable glass-filled nylon reservoir and nylon encapsulated aluminum pump base for maximum corrosion resistance and lightweight handling.
- Two-speed pump operation on models 925011 and 925014 reduces handle strokes by as much as 78% over single speed pumps.
- Integral 4-way valve on the model 925014 for operation of double-acting cylinders.
- Handle lock for easy carrying.
- Non-conductive fiberglass handle for operator safety.



HAND PUMPS

INTENDED USE

For many applications including shop, agricultural, automotive/truck service needs and construction maintenance applications where high pressure pumps are required to activate cylinders rated as high as 55 ton capacity.

PUMP TYPE				MODEL NUMBER	PRESSURE RATING (P.S.I.)		USABLE OIL CAP. (Cu. In.)	OIL DISPLACEMENT PER STROKE (Cu. In.)		MAXIMUM HANDLE EFFORT (Lbs.)	PISTON STROKE (In.)	DIMENSIONS (Inches)			PUMP HANDLE ARC	WEIGHT (Lbs.)
Single Speed	Two Speed	Steel	Light Weight		1st. Stage	2nd. Stage		1st. Stage	2nd. Stage			Length	Width	Height		
●		●		925009	2,850	—	18	.16	—	57	.81	13.375	5.25	5.25	40°	11
●		●		925010	10,000	—	40	.16	—	111	.81	23	5.25	5.25	40°	13
	●		●	925011	200	10,000	55	.687	.151	93	1.00	21.625	4.75	7	50°	9
●			●	925012A	10,000	—	55	.151	—	85	1.00	21.625	4.75	7	50°	9
	●	●		925013A	350	10,000	134	.99	.15	104	1.00	22.5	5.75	7	50°	24
	●		●	925014	400	10,000	155	2.40	.151	95	1.00	21.75	4.75	9	50°	22

910019B

FEATURES

- Two-speed design reduces cycle times for improved productivity.
- Single-phase 115 VAC, 1 hp induction motor will start at full load and stand up to continuous duty applications. Requires a steady power supply.
- 10 foot pendant controls the motor operation.
- Manual advance/retract valve control for single-acting cylinders.
- LCD display provides a number of diagnostic and readout capabilities.



910052A

910052A

FEATURES

- Lightweight and compact design.
- High strength molded shroud with integral easy-carry handle protects motor from contamination.
- 115 VAC, 1/2 hp motor operates on voltages as low as 60 volts.
- 10 foot pendant for operator safety.
- Two-speed motor design with 3-way 2-position valve for use with single-acting cylinders.



910019B

910019B and 910052A

10,000 P.S.I. CAPACITY

INTENDED USE

Same as for the air/hydraulic pumps but will handle single-acting cylinders up to 100 ton. The added convenience of an electro-hydraulic pump reduces pumping time and effort.

NOTE: All electrical motors are warranted against defects in material and workmanship for one year from the date of end user's purchase.

MODEL NUMBER	HYDRAULIC PRESSURE RATING (P.S.I.)		USABLE OIL CAP. (Cu. In.)	OUTPUT FLOW RATE (Cu.In. Per Min.)		CURRENT DRAW (Amps.)	MOTOR VOLTAGE (VAC)	SOUND LEVEL (dBA)	THREAD CONNECTION (NPT)	VALVE TYPE	DIMENSIONS (Inches)			WEIGHT (Lbs.)
	1st. Stage	2nd. Stage		1st. Stage	2nd. Stage						Length	Width	Height	
910019B	450	10,000	462	400	40	20	115	75	3/8"-18	Advance / Retract	19	9-3/4	23	73
910052A	200	10,000	238	200	20	9.5	115	85	3/8"-18	Advance / Hold Retract	14-1/2	12-1/4	14-3/4	31

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