Celebrating **50 Years** of Excellence.



www.norcoindustries.com



2212 Camplain Road Hillsborough, NJ 08844 888-8FC-LIFT







NORCO Professional Lifting Equipment brand is proud to announce our 50th Anniversary!

The Tallmans built NORCO on the principles of providing our customers with quality products that exceed their expectations for performance, safety, and reliability, all at a competitive cost. We know we've been doing the right thing because, after half a century, the NORCO Brand is known around the world. When it comes to product development, "When Safety Depends on Performance" isn't just some tagline, it is our core value.

While we are proud of the products that we provide, we are most proud of the meaningful relationships that we've built along the way. The long-term relationships with our customers, employees, suppliers, and service support network are testimonies to the integrity that is demonstrated by everyone here at NORCO. It has been said, "Time flies when you're having fun." At NORCO not only have we had a lot of fun but we've made a lot of good friends along the way. For that we are most grateful.

From all of us at NORCO, we thank you for your continued loyalty and friendship. We look forward to providing you with another 50 years of quality products and service.



USA Content and ASME / PALD

It is our intent to make as many products in the USA as possible. While we make some products that are 100% "Made in the USA," there are others with less U.S. content. We don't want to mislead the public, so we have come up with a

single logo that will cover all of our USA products. When you see our new "U.S. Content" label next to a NORCO product, you can be assured that it has at least 51% USA content as required by the Buy American Act and Federal Acquisition Regulation (FAR).

Here at NORCO, we use the latest ASME/PALD guidelines for product development and testing. It ensures that our products are safe for the user and perform beyond their expectations. And, that's why all of our products, whether import or USA, are confidently covered by the NORCO Limited Lifetime Warranty. (Details on back cover)

Thank you again for the opportunity to offer you the best shop equipment value on the market.

The NORCO Difference: America's fastest and most durable

FEATURES • Integrated filter protects air motor. • Fast lifting air motor. 72200D (22 TON



The NORCO Difference: Its light weight makes it perfect for mobile repair service

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 contaminates from entering the air/hydraulic system









22 TON CAPACITY

INTENDED USE

Ideal for heavy duty truck, agricultural and heavy construction equipment.

- 50" long "T" handle helps in positioning jack under vehicles with low overhang.
- The load release on the top mounted "T" handle 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 offers longer life.
- 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.

72203

72204

4" Extension

• Three removable 2" diameter saddles with handle mounted saddle holder; 3/4", 2-1/4" and 4" in height.



72205

SADDLE ADAPTER KIT Includes handle mounted saddle holder two adapters. Weight: 10 lbs.



	LIFT H	LIFT HEIGHT SCREW OVERALL DIMENS			IMENSIONS	ions P.S.I. Shippin		
ACITY	Low	High	STROKE	EXTENSION	Length	Width	RANGE	WEIGHT
on	9"	18"	4.75"	4.25"	20"	13"	85-200	115 lbs.

AIR/HYDRAULIC AXLE JACKS



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.

LIFT HEIGHT			SCREW		P.S.I.	SHIPPING	
ACITY	Low	High	STROKE	EXTENSION	BASE SIZE	RANGE	WEIGHT
on	11.125"	28.625"	6.625"	2.75"	9.25" x 17.25"	100-130	70 lbs.
on	8.625"	22.75"	4"	2.75"	9.25" x 17.25"	100-130	63 lbs.

FEATURES

The NORCO Difference: Tighter tolerances, better finishes, highest quality

72212

55 / 37 / 23 / 12 **TON CAPACITY**

72218

33/20 **TON CAPACITY**

7	22	22	5

50/25 **TON CAPACITY**

INTENDED USE

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



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.

72218

(2 stage)



• Long "T" handle helps in positioning jack under vehicles with low overhang.

• Safety overload system prevents cylinder damage.

• Rust inhibitive coating on rams offers longer life.

• Integrated filter protects air motor.

• Handle locking lever secures handle in either vertical, horizontal or 45 degree position.

• Models 72212 and 72225 include a removable 2-3/4" 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.

• Model 72244 includes a removable 2-3/4" diameter saddle, 2" and 4" long stackable extensions and extension holder.

72225

(2 stage)

72244

(44 TON)

wheels concealed



72212

(4 stage)



- 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



5 TON

The NORCO Difference: Highest 5 ton lift height on the market



5 TON CAPACITY

3

FASTJACK 71550G

5 TON CAPACITY (Air & Hydraulic)

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

The NORCO Difference: One pump to reach the load



10 TON CAPACITY

FASTJACK 71100A

10 TON CAPACITY (Air & Hydraulic)



20 TON CAPACITY

72230A

20 TON CAPACITY (Air & Hydraulic)

INTENDED USE

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

MODEL NUMBER	CAPACITY	LIFT HE	EIGHT High	OVERALL DIN Length	MENSIONS Width	HANDLE LENGTH	SHIPPING WEIGHT
71500E	5 Ton	5.625"	27.25"	62.25"	16.75"	40"	270 lbs.
71550E	5 Ton @ 120 P.S.I.	5.625"	27.25"	62.25"	16.75"	40"	270 lbs.
71000D	10 Ton	6.125"	27.25"	68.5"	21"	46.75"	455 lbs.
71100A	10 Ton @ 120 P.S.I.	6.125"	27.25"	68.5"	21"	46.75"	466 lbs.
72220A	20 Ton	7.25"	26.25"	71.5"	20.75"	45"	650 lbs.
72230A	20 Ton @ 120 P.S.I.	7.25"	26.25"	71.5"	20.75"	45"	670 lbs.



*71000D

20 TON

The NORCO Difference:

Tough enough for the U.S. Army

10 TON

71100A (shown)

The NORCO Difference: Durability!



FEATURES

- Thick aluminum side plates.
- 48" long two-piece handle with foam handle sleeve.
- Heavy duty aluminum front and rear wheels.
- Two-speed pump piston raises the saddle to the load quickly.
- Two grab handles provide more convenient lifting of the jack.
- Steel lift saddle for greater durability and strength.
- High lift height may be increased by 3" with optional model 71303 extension adapter.





	CAPACITY	LIFT H	EIGHT High	OVERALI Length
71330	3 Ton	3.75"	19"	26"

FEATURES

- Steel hydraulic block construction includes a double pump piston design that quickly raises the jack to the maximum height.
- 50" long, two piece handle with knurled hand grip and foam handle sleeve 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.
- 4" low and 21-3/8" maximum lift heights (without saddle adapter).
- 7" low and 24-3/8" maximum lift heights (with saddle adapter).
- 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.
- Also available is our unique 3" saddle extension adapter (Model 71303). Its patented design has been created to guickly lift the load. Since most SUVs and service trucks have a higher, low lift height, the increased height of the saddle allows for quicker positioning and quicker lifting of the vehicle. It saves time and effort and increases shop efficiency.



MODEL		LIFT H	IEIGHT	OVERALL
NUMBER	CAPACITY	Low	High	Length
71335	3-1/2 Ton	4"	21.375"	28.5"

							C
MODEL NUMBER	CAPACITY	LIFT H Low	EIGHT High	OVERALL DI	MENSIONS Width	SHIPPING WEIGHT	
71233A	2 Ton	2.75"	20"	27.875"	14.625"	92 lbs.	



3 TON CAPACITY LIGHTWEIGHT **FLOOR JACK**

INTENDED USE

A lightweight jack designed for a variety of automotive shop uses. Ideal for roadside service calls.

71303

3" SADDLE EXTENSION ADAPTER

Fits model 71330 & 71335 Weight: 5 lbs.



U.S. PATENT NUMBER D683104

71335

3-1/2 TON CAPACITY **SUV & SERVICE TRUCK JACK**

INTENDED USE

A heavy-duty floor jack designed for a variety of automotive shop uses including the added capacity and maximum lift height required to handle most SUVs and 1 Ton+ service trucks.

71303 **3" SADDLE EXTENSION**

ADAPTER Fits model 71330 & 71335 Weight: 5 lbs.



U.S. PATENT NUMBER D683104



DIMENSIONS	SHIPPING		
Width	WEIGHT		
13.5"	59 lbs.		





DIMENSIONS	SHIPPING
Width	WEIGHT
14.375"	106 lbs.



The NORCO Difference: Spring-loaded locking mechanism and hidden foot pads



where vehicle is to be 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.

Fleet garages, agricultural

and construction maintenance shops.

INTENDED USE

PAIR OF STANDS

12 TON CAPACITY

supported before

making repairs.

81012

(Each Stand)





81004C

(3 TON)

81012
(12 TON)

MODEL	CAPACITY	HEIG	HT	HEIGHT	BASE	SADDLE	SHIPPING	
NUMBER	(Each Stand)	Low	High	INTERVALS	SIZE	SIZE	WEIGHT	
81004C	3 Ton	12"	17.5"	.5625"	7.5" x 7.875"	1.125" x 4.625"	19 lbs.	
81006D	6 Ton	16.25"	24.875"	.625"	10" x 11"	1.125" x 4.875"	30 lbs.	
81012	12 Ton	19.625"	29.375"	1.25"	13" x 15"	1.625" x 4.75"	86 lbs.	

TRUCK RAMPS

PAIR OF TRUCK RAMPS

20 TON CAPACITY

Elevates front or rear of vehicle for access to frame and components.

Particularly useful on vehicles with

low profile or ground-effects.

82019 82020

(10 Ton Each Ramp)

INTENDED USE

FEATURES

- Handles tires with up to 16" tread widths.
- Telescopic 34"T-handle extends and lifts up to expose wheels for easy maneuverability around the shop. Retracts for easy storage.
- Perforated holes in ramps provide traction for the tires.
- Non-skid rubber base pads prevent slippage when driving onto or off of ramps.





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

81205 (shown) *81205i (5 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.



ALL STANDS ARE INTENDED TO BE USED IN PAIRS.





The NORCO Difference: Your choice of narrow or wide ramps

JACK STANDS



PAIR OF STANDS 5 TON CAPACITY

(Each Stand)

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INTENDED USE

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



PAIR OF STANDS **SHORT HEIGHT 10 TON CAPACITY**





IMPORT 81209i **PAIR OF STANDS MEDIUM HEIGHT 10 TON CAPACITY**





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.



PAIR OF STANDS 25 TON CAPACITY

(Each Stand)

INTENDED USE

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

	CAPACITY (Each Stand)	HEIC Low	<u>SHT</u> High	HEIGHT INTERVALS	BASE SIZE	SADDLE SIZE	SHIPPING WEIGHT
81205i	5 Ton	9.5"	15.75"	3 x 2"	9" x 9"	3" x 4.5"	38 lbs.
81208i	10 Ton	10.5"	17"	4 x 1.5"	12.5" x 12.5"	3" x 5"	60 lbs.
81209i	10 Ton	18.5"	30"	7 x 1.5"	17" x 17"	3" x 5"	80 lbs.
81210i	10 Ton	28"	47"	10 x 2"	16" x 16"	3" x 5"	106 lbs.
81225i	25 Ton	12"	20"	3 x 3"	10" x 10"	2.25" x 3.25"	65 lbs.

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.

The NORCO Difference: We offer a choice of American

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:

*81208

*81208i

*81209i

*81210

*81210i (HIGH HEIGHT)

(10 TON)

(SHORT HEIGHT)

(MED. HEIGHT)

81209 (shown)

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

The NORCO Difference: The widest variety of under hoist stands



20 TON CAPACITY

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



1 TON CAPACITY

INTENDED USE

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



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



81036A

(1 TON)

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.

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.

The NORCO Difference: Smooth and easy operation

• Combination right and left hand threaded drive screw for faster rising. • Includes 2-piece extra long 22.5" crank handle for easier operation under load, longer reach and convenient storage when not in use.









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





CAR DOLLY

The NORCO Difference: No tires? No problem.



9

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.



MECHANICAL SCISSORS JACK

FEATURES

82002C

1-1/2 TON **SCISSORS JACK**

Passenger car tire changing.

	MODEL NUMBER	CAPACITY	LIFT H Low	EIGHT High	BASE DIMENSIONS	SADDLE SIZE	SHIPPING WEIGHT
驖	82002C	1-1/2 Ton	3.75"	13.25"	4.25" x 7.375"	2" x 5.125"	10 lbs.

BRAKE DRUM HANDLER

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.
- 8" diameter 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.



INTENDED USE

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

The NORCO Difference: Handles inboard & outboard drums

回診院回	MODEL	LIFT HI	EIGHT	OVERALL DI	MENSIONS	SHIPPING
	NUMBER	Low	High	Length	Width	WEIGHT
	72040B	10.25"	15.25"	62.5"	21"	64 lbs.

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.

79326D

FLAT-END ADAPTER BRACKET KIT

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

79327D

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.



FEATURES

- Push button air/hydraulic pump provides safe, quick lifting.
- The lifting pads safely support the vehicle on the bridge
- and the adjustable lift arms span up to 60".Universal mounting brackets adjust to a lift rail opening of 46-1/2".
- Oniversal mounting brackets adjust to a intrain opening of 46-1/2.
 Flat-end and hook-end adapter brackets are equipped with spring-loaded roller bearings for smooth maneuverability of bridge on lift rails. These brackets are sold separately.
- 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.

MODEL	CAPACITY		IS	SHIPPING		
NUMBER	@ 100 P.S.I.	LIFT HEIGHT	Length	Width	Height	WEIGHT
79324F	3 Ton	Up to 8"	35"	19.5"	9.5"	290 lbs.

The NORCO Difference:

Internal load dampening safety device

The NORCO Difference: Unique combination of adapters allows use on most drive-on four-post lifts or quick-lube pits

79328C

9" EXTENSION ADAPTERS

for use with light duty trucks, vans and 4x4's. The adapter increases the outer saddle height on the sliding lift rail from 1-1/4" to 10-1/2". Weight: 19 lbs. per pair.



NOTE:

IOM

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 79326D flat-end or model 79327D hook-end adapter kits. Other kits are available upon request.

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.



The NORCO Difference: Perfect for lifting trailers

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.



AIR LIFT JACK **Norco**

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.

MODEL NUMBER	CAPACITY @200 P.S.I.	LIFT H Low	EIGHT High	OVER Length	ALL DIMENS Width	SIONS Height	SADDLE REACH	SHIPPING WEIGHT	
82999i	10 Ton	12.83"	44.72"	40.59"	34.72"	67.75"	11.18"	792 lbs.	

The NORCO Difference: The longest reach in the industry



11

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.



LIFT HEIGHT		IEIGHT	OVERA		ISIONS	SADDLE	SHIPPING
APACITY	Low	High	Length	Width	Height	REACH	WEIGHT
Ton @ 100 P.S.I. Ton @ 150 P.S.I. -1/2 Ton @ 180 P.S.I.	10"	50"	80.5"	38"	53.75"	50"	935 lbs.

NOPCO PORTABLE AIR LIFT JACK

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.





	CAPACITY LIFT HEIGHT		OVER	ALL DIMENS	IONS		SHIPPING	
	@172 P.S.I.	Low	High	Length	Width	Height	STROKE	WEIGHT
C	10 Ton	17.75"	49.375"	58"	13.625"	17.75"	11.5"	178 lbs.

The NORCO Difference: Inexpensive high quality engine support

The NORCO Difference: Designed with the service professional in mind

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.

The NORCO Difference:

All-new tech friendly design

HYDRAULIC TRANSMISSION JACK

72050E

1/2 TON CAPACITY

INTENDED USE

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

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 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.



MODEL		LIFT H	EIGHT	OVERALL D	IMENSIONS	SADDLE	SHIPPING	■読ん回
NUMBER	CAPACITY	Low	High	Length	Width	SIZE	WEIGHT	
72050E	1/2 Ton	7.375"	32.125"	36"	26.5"	7.125" x 8.125"	152 lbs.	

NOTE: See optional adapters and saddles on page 18-19.

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 4" diameter full-swivel ball bearing caster wheels for easy positioning.



MODEL		LIFT H	IEIGHT	OVERALL D	MENSIONS	SADDLE	SHIPPING
NUMBER	CAPACITY	Low	High	Length	Width	SIZE	WEIGHT
72000E 72000Ei	1-1/2 Ton	7.75"	36.5"	45"	28"	10.25" x 15.25"	310 lbs.



MODEL		LIFT HEIGHT		OVERALL DIMENSIONS			SADDLE	SHIPPING	
NUMBER	CAPACITY	Low	High	Length	Width	Height	SIZE	WEIGHT	
72025	1-1/2 Ton	4.75"	36.5"	43.25"	32.75"	12"	18.25" x 15.25"	414 lbs.	



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



72003

The NORCO Difference: Unique saddle handles the largest transmissions

FEATURES

- Fully adjustable saddle with adjustable angle brackets to position the transmission.
- Four 4" high risers handle transmissions with offset transfer cases.
- Two 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 4" caster wheels for easy positioning.



13

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



DIFFERENTIAL ADAPTER

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



FULLER® EATON® ROADRANGER® ADAPTER

is used with models 72000E & 72000Ei jacks only. Weight: 21 lbs.





1-1/2 TON CAPACITY

INTENDED USE

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





1,250 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 18) can quickly and easily be installed.

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.



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: See optional adapters and saddles on pages 13 & 18.

l

MODEL		LIFT H	EIGHT	BAS
NUMBER	CAPACITY	Low	High	DIMENS
72700A	1 Ton	45.75"	74.25"	38" x

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: See optional adapters and saddles on pages 13 & 18.



MODEL	CAPACITY	LIFT H	EIGHT	BASE
NUMBER	@100 P.S.I.	Low	High	DIMENSI
72701A	1 Ton	41.25"	69.375"	37.5" x 3



2,500 LBS. CAPACITY

INTENDED USE

This lift table handles power train components like engines and their transmissions, engines with transaxle 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.



72675

72850A

PACITY ower train es and their with transds and tteries. It ctable where vered to a

LIFT HEIGHT

Low High

31" 78"

30" 77"

CAPACITY

@100 P.S.I

1,250 lbs.

2,500 lbs.

OVERALL DIMENSIONS

Length Width Height

43"

33"

51.25"

35"

65'

50"

SHIPPING WEIGHT

480 lbs.

TABLE SIZE

14" x 31"

19" x 36" 665 lbs.

10PCO UNDER HOIST TRUCK TRANSMISSION JACKS

15



ONS	SHIPPING WEIGHT
38"	273 lbs.

The NORCO Difference: The widest variety of transmission jacks on the market

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 in its lowered position.
 - Polyurethane wheels provide protection for expensive tile and epoxy floors.

MODEL NUMBER	CAPACITY	LIFT H	HEIGHT High	BASE DIMENSIONS	SHIPPING WEIGHT
72500E	1/2 Ton	35"	72"	34" x 37"	176 lbs.

The NORCO Difference: The economy of manual operation with the speed of air models

72550B /-ASTJACK

1/2 TON CAPACITY

DOUBLE PUMP

INTENDED USE

Designed for the removal,

(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.

installation and transportation

TELESCOPIC

NOTE: See optional adapters and saddles on pages 18-19.

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 in its lowered position.
- 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 expensive tile and epoxy floors.

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

MODEL		LIFT I	IEIGHT	BASE	SHIPPING
NUMBER	CAPACITY	Low	High	DIMENSIONS	WEIGHT
72550B	1/2 Ton	35"	72"	34" x 37"	178 lbs.





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 in its lowered position.
- Polyurethane wheels provide protection for expensive tile and epoxy floors.



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.

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

MODEL NUMBER	CAPACITY	LIFT H	IEIGHT High	BASE DIMENSIONS	SHIPPING WEIGHT
72450B	1/2 Ton	36"	75"	34" x 34"	175 lbs.

NOTE: See optional adapters and saddles on pages 18-19.

The NORCO Difference: Simultaneous operation of two-stage ram for speedy transmission repair

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 in its lowered position. • 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 expensive tile and epoxy floors.

FASTIACK 72475A

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.

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

MODEL NUMBER	CAPACITY	LIFT H Low	EIGHT High	BASE DIMENSIONS	SHIPPING WEIGHT
72475A	3/4 Ton	36.5"	75.25"	36" x 36"	196 lbs.

OPTIONAL ADAPTERS & SADDLES 18 norco

For use with all NORCO floor and under hoist transmission jacks.

U.S. CONTENT 72531

ΑUTOMOTIVE TO HEAVY DUTY SADDLE ADAPTER

INTENDED USE Allows any automotive adapter to be attached to any heavy duty

under hoist transmission jack. Weight: 18 lbs.



MERCEDES 722 ADAPTER

INTENDED USE

For use on Mercedes #722 transmissions. Weight: 12 lbs.



FUEL TANK SADDLE

INTENDED USE

72525

SADDLE

Weight: 19 lbs.

QUICK-ADJUST

INTENDED USE

An optional saddle that replaces the

4 adjustable corner brackets found

on the standard universal saddle.

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.



72531

72514

72525

FEATURES

• Handles automotive and light duty truck fuel tanks up to 40 gallon capacity. Tanks are to be emptied before handling.

The NORCO Difference:

Unique vehicle & service specific adapters save time and enhance safety

This unique adapter allows any NORCO automotive

transmission saddle adapter to be used with the

NORCO heavy duty transmission jacks: 72700A

or 72701A. This economical design can save

a shop thousands of dollars by allowing one

transmission jack to be used for both heavy

An optional saddle adapter which is used in

conjunction with a NORCO under hoist transmission

jack to remove, install and transport (in the lowered

position) later model Mercedes 722 transmissions.

duty truck and automotive applications.

• 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

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

72034

CONTENT 72529

Diesel Exhaust Adapter for F-250, 350, 450, 550 Super Duty with a 6.7L Diesel. Weight: 42 lbs.



72529

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 16-17). Weight: 22 lbs.

7 Q Q Q Q Q Q 72509

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



Mazda Protegé Mazda3 Mazda6

6R80 VEHICLE APPLICATIONS:

2008–2010 Ford Expedition 2008–2010 Lincoln Navigator 2008–2010 Ford Explorer 2007–2010 Ford Explorer Sport Trac 2008–2010 Mercury Mountaineer 2009-2012 Ford F-150 2011 Ford Territory (SZ-series TCDi model) 2011–2012 Ford Mustang V6, GT



For use on Ford E4OD, 5R110 and 4R100 truck transmissions. F250 - F550 Super Duty. Weight: 35 lbs.



OPTIONAL ADAPTERS & SADDLES OPCO

For use with all NORCO floor and under hoist transmission jacks.



CONTENT 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.



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





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

4F27E VEHICLE APPLICATIONS:

Ford EcoSport with 2.0L Duratec engine Ford Focus with 2.0L Zetec engine & 2.3L Duratec engine Ford Fiesta 2008+, with 1.4L, 96hp engine



For use on Ford 4F27E transmissions. Weight: 15 lbs.





For use on Ford 6R80 transmissions. Weight: 24 lbs.



For use on Ford and Lincoln 6F50 and GM 4T60E transmissions. Weight: 25 lbs.



72512



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 H Low	EIGHT High	BASE DIMENSIONS	SHIPPING WEIGHT	
72035	300 lbs.	38.25"	73.5"	35" x 35"	159 lbs.	

The NORCO Difference: Allows for easy clutch repair with or without a lift

72030B

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 undern truck or vertical position for installation and r
- 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 EOUIPMENT for models 72030B and 72035

72033 **FLYWHEEL ADAPTER**

Weight: 7 lbs.



MODEL NUMBER	CAPACITY	<u>LIFT H</u> Low	IEIGHT High	OVERALL D Length	MENSIONS Width	SHIPPING WEIGHT	
72030B	300 lbs.	11.5"	37.75"	35"	26.5"	148 lbs.	

rneath I removal.	· · ·		
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		8	

its rated capacity.

FEATURES









21

5 TON CAPACITY @ SCISSORS END **AND POST**

• 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

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 earthmoving equipment.

TWO-POSITION SADDLE @ SCISSORS END







Lifts flat surfaces

		LIFT H	EIGHT		
MODEL NUMBER	CAPACITY	POST Low High	SCISSORS	OVERALL DIMENSIONS Length Width	SHIPPING WEIGHT
72036C	5 Ton	17.375" 31"	2.5" 18.25"	30.25" 8.375"	104 lbs.

The NORCO Difference: The most economical tire lever

TIRE DOLLIES UFHI

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	HANDLES	OVERALL D	IMENSIONS	SHIPPING
NUMBER	TIRES	Length	Width	WEIGHT
82310	24" - 36"	42.5"	24.75"	19 lbs.
82312	36" - 48"	41"	32"	22 lbs.





CONTENT 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 around level.

> **The NORCO Difference:** Side-shift feature makes for easy wheel alignment



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.



- 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.



- 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		LIFT H	EIGHT		LIFT AR	MS	SIDE to S	SIDE ADJ.	OVERAL	L DIMENS	IONS	SHIPPING
NUMBER	CAPACITY	LOW	HIGH	WIDTH	LENGTH	TILT ANGLE	LEFT	RIGHT	L	w	н	WEIGHT
82302B	1/2 Ton	3"	41.25"	24.25"	21"	-2° to +30°	3.25"	4.25"	45.75"	43.75"	62"	315 lbs.
82304	1/2 Ton	2.125"	39.5"	30.875"	22.125"	-2° to +30°	2.5"	4.5"	49.625"	44.625"	69.875"	476 lbs.

TIRE LIFTER (norco



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.



A real back saver!

The NORCO Difference:

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.

			IFYGHT:							-
MODEL		LIFT		l	LIFT ARMS		OVER	ALL DIMEN	SIONS	SHIPPING
NUMBER	CAPACITY	TRAVEL	LOW HT.	HIGH HT.	WIDTH	LENGTH	L	w	н	WEIGHT
82305	300 lbs.	51"	2"	53"	20" I.D. / 24" O.D.	17.5"	39"	31.75"	79"	215 lbs.



FEATURES

- Rear swivel caster wheel and rigid front wheels provide positive steering for the model 82300D. Swivel caster wheels both fore and aft provide side to side maneuverability for the model 82301D.
- 4" 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.
- Safety chain included to secure wheel assembly to dolly during removal and transport.

FEATURES

- Dolly handles any tire diameter and up to 1,500 lbs. combined tire and wheel weight.
- Three 4" diameter swivel ball bearing caster wheels provide easy maneuverability & 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 & transport. • Quick disconnect push/pull handle provides unobstructed
- access to hub area.





The NORCO Difference: Designed and built in America



23



1 TON CAPACITY

INTENDED USE

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



	MODEL		LIFT	OVERA	LL DIMEN	SIONS	SHIPPING
B33280	NUMBER	CAPACITY	TRAVEL	Length	Width	Height	WEIGHT
	82300D	1 Ton	7.5"	50.5"	44.5"	39"	207 lbs.
	82301D	1 Ton	7.5"	50.5"	44.5"	39"	209 lbs.



DEL		LIFT	LIFT	ARMS	OVERA	SHIPPING		
IBER	CAPACITY	TRAVEL	SPREAD	LENGTH	L	w	н	WEIGHT
2320	3/4 Ton	4.75"	26"	24.5"	43.5"	39.5"	35"	175 lbs.



3/4 TON CAPACITY

INTENDED USE

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





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.

78204A

TRUCK CRANE

INTENDED USE

Same as the model 78106A

but mounts in the bed of a

truck or on a loading dock.

1/2 TON CAPACITY



- 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.



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.

• Crane swivels 360 degrees but can be locked in position.

• Hydraulically activated boom lifts the load to the desired height.

The NORCO Difference: Designed and built in America

78600B

3 TON CAPACITY AIR/HYDRAULIC FLOOR CRANE



3 TON CAPACITY ELECTRO/HYDRAULIC FLOOR CRANE

INTENDED USE

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

• Multiple boom positions and leg extensions ranging from 49" to 81" provide maximum stability. • Boom swivels 10 degrees right or left if base cannot be centered under the load.

FEATURES

• 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.

NOTE:

See information concerning air and electro/hydraulic pumps on page 37. *Model not shown has same basic construction as model pictured.

MODEL	BOOM CAPACITY	BOOM HEIGHT		OVEF	SHIPPING		
NUMBER	@ LENGTH	Min.	Max.	Height	Width	Length	WEIGHT
78106A	2,500 lbs. @ 43"	0"	88"	70.75"	51.75"	74.5"	320 lbs.
78204A	1/2 Ton @ 46.25"	0"	68.5"	64"	14"	46.25"	180 lbs.
78600B	3 Ton @ 65" 2-1/2 Ton @ 81" -	13"	149.5"	90.5"	51"	75"	1,150 lbs.
78605A	2-1/2 Ton @ 97"	13"	149.5"	90.5"	51"	75"	1.182 lbs.



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The NORCO Difference: Increased technician safety by leveling the load



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.

OPTIONAL EQUIPMENT CONTENT 78109

TRANSMISSION ADAPTER

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.



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.

FEATURES (78108 / 78108i)







ENGINE LOAD LEVELERS norco



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.

78100

78100i

(1,000 LBS.)

- Can be used with NORCO Model 78600B
- or 78605A Engine Cranes.
- 5/16" Alloy Grade 80 chain.
- Position of hooks adjusts from 32" to 48".

78115

25

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.



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		OVERA		NSIONS	CHAIN	SHIPPING
回然後回	NUMBER	CAPACITY	Length	Width	Height	LENGTH	WEIGHT
調算	78115	1,500 lbs.	28.25"	2.375"	8.125"	27"	20 lbs.
	78606	6,000 lbs.	32.187"	5"	15.625"	26.875"	69 lbs.

ENGINE STANDS

The NORCO Difference: A choice of USA made or import stands



1,000 LBS. CAPACITY **ENGINE STAND**

INTENDED USE

For safe handling and positioning of most automotive engines.



1,250 LBS. CAPACITY **ENGINE STAND**

INTENDED USE

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

			OVERALL DIMENSIONS			FINGER AD	SHIPPING	
R		CAPACITY	Length	Width	Height	Height	Width	WEIGHT
00	78100i	1,000 lbs.	37"	34.5"	38"	12"-15.5"	15"-18"	87 lbs.
08	78108i	1,250 lbs.	39"	36.5"	39"	12"-15.5"	15"-18"	115 lbs.





ENGINE STANDS norco

The NORCO Difference: Gear-driven 360 degree rotation makes for easier repairs

78200A

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.





MODEL 78201

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



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

MODEL 78202





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

FEATURES

• Includes two universal mounting plates,

rotating shaft, eight fully adjustable arms

and all the related mounting hardware.

• Rotating shaft with mounting plate telescopes

Mounting plates can be adjusted 36-1/4" apart.

Shown with optional

78201 engine adapters.

inside the post receiver for fine adjustment

when mounting ends or sides of engines.



78125A

1,250 LBS. CAPACITY **ENGINE STAND**

INTENDED USE For safe handling and positioning

of automotive engines weighing up to 1,250 pounds.

• 50:1 ratio gearbox activated by hand crank easily turns the 360 degree rotating

FEATURES

- 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.

MODEL NUMBER	CAPACITY	HEIGHT	WID Front	TH Rear	LEN From	GTH To	SHIPPING WEIGHT
78125A	1,250 lbs.	42"	21.25"	40"	38.25"	53.25"	179 lbs.
78200A	2,000 lbs.	42"	21.25"	40"	38.25"	53.25"	289 lbs.

The NORCO Difference: Gear-driven 360 degree rotation makes for easier repairs

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.



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

OPTIONAL ENGINE AND TRANSMISSION 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). 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.



65 lbs.

78163 53 lbs.





78170 42 lbs.

78172 50 lbs.



- 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,







78168 55 lbs.



78165 66 lbs.



78169 48 lbs.





78167

27 lbs



FEATURES

• Pair of bed plates included.

• Shielded heavy duty ram return springs.

• Zero distortion, heavy duty structural steel frame.

• Optional equipment below can be used on model 78022D

The NORCO Difference: Welded frame means no assembly required

• Manual pump power unit with "Parkerized" pump piston, ram and

extension screw to inhibit rust from entering the hydraulic system.

• Power unit is bearing mounted for horizontal movement on head channel.

78013A

12 TON CAPACITY HAND PUMP **OPERATED**



20 TON CAPACITY HAND PUMP **OPERATED**

INTENDED USE Straightening, bending & pressing. Removing & installing gears, bearings & bushings.



25 TON CAPACITY AIR/HYDRAULIC PUMP OPERATED

INTENDED USE

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





FEATURES

• Air/hydraulic foot pump provides hands free operation.

NOTE:

Model not shown has

as model pictured.

same basic construction

- Note: See page 36 for additional information on the model 910130A 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)

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MODEL NUMBER	CAPACITY	RAM TRAVEL	<u>THROAT</u> MIN.	<u>HEIGHT</u> MAX.	THROAT WIDTH	BED HEIGHT ADJUSTMENTS	BETWEEN UPRIGHTS	BETWEEN BED RAILS	BA WIDTH	SE DEPTH	OVERALL HEIGHT	SHIPPING WEIGHT (Lbs.)
78013A	12 Ton	5.875"	5"	38.25"	25"	8 x 4.75"	5"	6"	34"	28"	70.625"	266
78022D	20 Ton	6.625"	7.125"	35.5"	30"	7 x 4.75"	6"	7"	40"	28"	70.625"	394
78024	25 Ton	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.



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 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. Weiaht: 2 lbs.



OPTIONAL EQUIPMENT:



ACCESSORY KIT FOR 50 TON CAPACITY SHOP PRESSES Weight: 143.5 lbs.



	CAPACITY	RAM TRAVEL		THEIGHT MAX.	THRO
	•/				
78055A	50 Ton	6.25"	7.5"	32.625"	34.5"
78057A	50 Ton	6.25"	7.5"	32.625"	34.5"
78058A	50 Ton	6.25"	7.5"	32.625"	34.5"
78077	50 Ton	13.25"	7.5"	32.625"	34.5"
78078	50 Ton	13.25"	7.5"	32.625"	34.5"
78110C	100 Ton	10.25"	18.25"	45.75"	40.25

SHOP PRESSES

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.

The NORCO Difference: Welded frame means no assembly required

78055A 78058A (shown) (50 TON) (50 TON) (50 TON)

(50 TON) 78057A 78078 (50 TON) 78077 78110C (100 TON)

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





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



CONTENT 78111A **100 TON CAPACITY**

PAIR OF ARBOR PLATES used with model 78110C shop press. Weight: 153 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





29

50 TON CAPACITY HAND PUMP **OPERATED**

INTENDED USE Heavy duty use in truck garages and industrial workshops.



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 36 & 37 for additional information on pumps.



50 TON CAPACITY ELECTRO/HYDRAULIC PUMP OPERATED



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.



BOTTLE JACKS (NOPCO)

"Parkerized" moving parts offer corrosion protection

The NORCO Difference:

BOTTLE JACKS

2, 3, 5, 8, 12, 20, 35, & 60 TON CAPACITY

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.

LONG HAND JACKS 1-1/2 & 3 TON CAPACITY

INTENDED USE

Various farm applications, but primarily used as original equipment for manufacturers of shop cranes, lift tables and any equipment requiring a long hydraulic stroke.

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.

CAPACITY

2 Ton

3 Ton

5 Ton

8 Ton

12 Ton

12 Ton

20 Ton

20 Ton

35 Ton

60 Ton

3 Ton

1.5 Ton 22.6"

• Safety oil by-pass system prevents the ram from being overextended and causing damage to the cylinder.

MODEL NUMBER

76502A

76503A

76505A

76508A

76412A

76412AG

76512A

76520A

76520A0

76820A

76535

76560

76402A

76403A

LONG HAND JACKS

ADDITIONAL FEATURES 12 and 20 TON CAPACITY

• "G" models are designed with a removable plug so a gauge can be adapted to the jack. (See page 28 for model 78021 gauge.)

ADDITIONAL FEATURES 35 and 60 TON CAPACITY

- All other features excluding extension screw.
- A safety overload system which prevents the jack from being used beyond its rated capacity.

LONG HAND JACK FEATURES

- Same as bottle jack features but designed with larger hydraulic units and larger ram diameters to withstand side loads.
- Larger diameter pump pistons for faster rising action.
- "Parkerized" rams and flash chromed pump pistons inhibit rust.



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



FEATURES

- 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 contaminates from entering the air/hydraulic system.
- Unique design allows for manual operation when air is not available.
- Two piece zinc plated handle.
- 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.



The NORCO Difference: Portable lifting for professional or DIV

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.
- 4-1/2" 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 24-1/2", 31", 36-3/4", 42-1/8", 46-1/2", 50-3/4", or 55" lift height.
- 12' hydraulic hose & 12-1/2' release cable.





6 lbs.

8 lbs.

11.5 lbs.

14 lbs.

18 lbs.

15 lbs.

31 lbs.

25 lbs.

42 lbs.

82 lbs.

17.5 lbs.

24 lbs.

No

No

No

Yes

Yes

Yes

Yes

Yes

Yes

Yes

No

No

ciureu.			

SCREW EXTENSION

2.44"

2.81"

3 13"

3.19"

3.54"

2.76"

2.76"

2.76"

BASE SIZE

3.5" x 4.13"

4" x 4.56"

4.88" x 4.88"

5.38" x 5.13"

5.51" x 5.51"

5.51" x 5.51"

6.57" x 6.06"

6.57" x 6.06"

5.63" x 7.56"

7.44" x 9.31"

4.05" x 4.57"

4.88" x 4.40"

STROKE

4.94"

5.25"

6 69"

6.5"

5.91"

3.74"

6.61"

3.94"

6.31"

6.69"

19.3"

19.5"

LIFT HEIGHT

High

14.5"

15.56"

18 88"

18.75"

18.9"

13.19"

14.96"

17.38"

18.75"

41 9"

43.5"

20.2"

Low

7.13"

7.5"

9.06"

9.06"

9.45"

6.69"

8.27"

11"

12"

24"

10.83"

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.

	CAPACITY	LIFT HE	EIGHT High	STROKE	SCREW EXTENSION	BASE SIZE	P.S.I. RANGE	SHIPPING WEIGHT
2A	12 Ton	9.63"	19.75"	6"	4"	6.63" x 8"	100-130	24 lbs.
A	20 Ton	10.88"	20.5"	6.75"	2.75"	7.5" x 9.25"	100-130	41 lbs.
A	20 Ton	8.25"	14.5"	4"	2.25"	7.5" x 9.25"	100-130	34 lbs.

10°CO PORTABLE MID-RISE LIFT

86002A

55" 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.

86010A

EXTENSION ADAPTERS

For higher frame clearance vehicles. Includes four 4-1/2" extension adapters for use with swivel rubber lifting pads included with the 86002A. Weight: 18 lbs.

I	MODEL		OVERALL D	MENSIONS		IEIGHT	SHIPPING
	NUMBER	CAPACITY	Length	Width	Low	High	WEIGHT
	86002A	6,000 lbs.	96.5"	39.75"	5.5"	55"	965 lbs.







904004B

4 TON CAPACITY KIT (FORGED ADAPTERS)

904005A

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 (904005A/910006A).

Kit Weight: 904004B: 41 lbs. 904005A: 42 lbs.



910005B

10 TON CAPACITY KIT (FORGED ADAPTERS)

910006A

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. 910006A: 77 lbs.

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.

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)



910005B (shown) *910006A

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.



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.
 - 1 910037A 910038A



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

910043A & 925142A

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

Threaded adapters screw into the tops of the cylinders and provide a threaded

connection for other attachments.

910048 & 925148

threaded to receive other attachments.



MODEL NUMBER	DESCRIPTION	с
910043A	3.5" x 6.5" Base	5
925142A	6.5" Dia. Base	1:
910044A	Male Connector	5
925143A	Male Connector	1:
910046A	1.375" Dia. Grooved Saddle	1
925141A	2" Dia. Grooved Saddle	2
910048	Threaded Adapter	5
925148	Threaded Adapter	1:
910039	Base Attachment	5
925045	Base Attachment	1:





 SERRATED SADDLE RUBBER HEAD WEDGE HEAD • 90 DEGREE "V" BASE

10 TON kits include:

• 10,000 P.S.I. PUMP

• 5", 10", 14" AND 19"

EXTENSION TUBES

• TUBE CONNECTOR

• 6" STROKE RAM

6' HOSE

• WHEELED PLASTIC CASE

• WEDGE RAM (1/2 TON CAP.)

- FLAT BASE
- RAM TOE
- PLUNGER TOE

(10 TON)

• RAM TOE PLUNGER TOE • RUBBER FACED FLAT BASE • 90 DEGREE "V" BASE 904004B (shown) *904005A (4 TON)

The NORCO Difference:

Multiple price points with cast or forged steel adapters

EXTENSION TUBES TUBE CONNECTOR • SERRATED SADDLE

• 4", 8", 12" AND 16"

4 TON kits include:

• 10,000 P.S.I. PUMP

• WEDGE RAM (1/2 TON CAP.)

• 4" STROKE RAM

PLASTIC CASE

• 6' HOSE

 RUBBER HEAD WEDGE HEAD • 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.



33



INTENDED USE These heavy duty hoses and

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



Threaded male connectors adapt bases to the cylinders.



Base attachments are bolted to the bottom of the cylinders and are internally



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

BASES, SADDLES & ATTACHMENTS



910043A









925148 910048

FOR USE CONNECTION CAPACITY **ON CYLINDERS** WEIGHT (NPT) 1.25 x 11.5 Female 10 Ton Cap. Ton 3.5 lbs. 2 x 11.5 12-1/2 Ton 25 Ton Cap. 9.5 lbs 1.25 x 11.5 10 Ton Cap. Ton 0.5 lbs. 2 x 11.5 12-1/2 Ton 25 Ton Cap. 4.5 lbs. 10 Ton 10 & 15 Ton Cap. _____ 0.5 lbs 25 Ton 25 Ton Cap. ____ 0.5 lbs. 1.25 x 11.5 Male Ton 10 & 15 Ton Cap. 1 lbs. 2 x 11.5 Male 12-1/2 Ton 25 Ton Cap. 2.5 lbs. 1.25 x 11.5 Female Ton 10 Ton Cap. 2 lbs. 2 x 11.5 Female 25 Ton Can 12-1/2 Ton 5.5 lbs





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.



NOTE:



• 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.



950005

999000

FEATURES

- Lightweight aluminum body. • Extremely durable.
- Ships completely assembled with coupler, shutoff, and base.
- The perfect cylinder for heavy-duty road service.
- These portable cylinders lift 50 tons with 10,000 P.S.I. hydraulic pumps.

MODEL NUMBER	CAPACITY	STROKE (Inches)	OIL CAP (Cu. In.)	CYLINDER BORE DIA. (Inches)	CYLINDER EFFECTIVE AREA(Sg.In.)	RETURN SPRING	HEIG Min.	HEIGHT lin. Max.		OUTSIDE DIA. Piston Cylinder	
955055	50 Ton	6.25	69	3.75	11.05	YES	11.75"	18"	3.13"	6"	39 lbs.

PUMPS (Pages 36-37)	⁹¹ 0010	9700264	9100274	9700284	9700294	970030	⁹⁷ 004>	⁹¹⁵⁰⁰⁶	²⁵⁰²³	⁹²⁵⁰²⁴	²⁵⁰²⁵⁴	²⁵⁰²⁶⁸	²⁵⁰²⁷⁴	⁹³⁰⁰³	⁹³ 008	geolog	9550194	⁹⁵⁵⁰⁵⁵	⁹⁵⁵⁰⁷⁰	⁹⁵⁵¹⁰⁶	99900	999106
910017B		•	•	•	•	٠	•	•	•		•	•	•			•	•	•	•			
910018B			•	•	•	•	•	•	•		•	•				٠	•	•	•			
910019B			•	•	•	•	•	•	•			•		•		•	•	•	•		•	
910020			•	•		•		•						•		•		•	•			
910052A			•			•			•					•		●	•	۲				
910130A			•	•	•	•	•		•			•		•		•	•	•	•		•	
910140		•	•	•		•	•	•	•	٠		•		•		•	•	•	•		•	
925009A		•	•	•								•		•								
925010A			•	•		•		•						•		•		•	•			
925011			•	•		•		•	•			•		•		•		•	•			
925012A			•	•		•			•			•		•		•		•	•			
925013B			•	•		•						•		•		٠	•	•	•			
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.

Models not shown have same basic construction as model pictured.	C
C. C.	

910028A Wedge Ram

910027A 910026A (shown) 910029A 910030

910047

CYLINDER CYLINDER

915006 925026B





THREAD SIZE

955019A (shown)

910010

	925024 (shown) 925025A 925027A	(shown) 930008 955106 999106	
HEIGHT	OUTSIDE DIA.		

MODEL NUMBER	CAPACITY	STROKE (Inches)	OIL CAP (Cu. In.)	BORE DIA. (Inches)	EFFECTIVE AREA(Sq.In.)	RETURN SPRING	HEIGH Min.	T Max.	OUTSI Piston	DE DIA. Cylinder	Piston (NPT)	CYL. COLLAR (Inches x Thrd.)	INTERNAL BASE (NPT)	SHIPPING WEIGHT
910026A	10 Ton	6.13	13.67	1.69	2.23	YES	12.5"	18.63"	1.5"	2.25"	1.25 x 11.5	2.25 x 14	1.25 x 11.5	10 lbs.
910027A	10 Ton	2.13	4.75	1.69	2.23	YES	4.5"	6.63"	1.5"	2.25"		2.25 x 14		6 lbs.
910029A	10 Ton	10.13	22.59	1.69	2.23	YES	16.5"	26.63"	1.5"	2.25"	1.25 x 11.5	2.25 x 14	1.25 x 11.5	14 lbs.
910030	10 Ton	12	26.76	1.69	2.23	YES	15.75"	27.75"	1.5"	2.25"		2.25 x 14		16.5 lbs.
910047	10 Ton	14	31.22	1.69	2.23	YES	17.75"	31.75"	1.5"	2.25"		2.25 x 14		18 lbs.
915006	15 Ton	6	18.84	2.00	3.14	YES	10.69"	16.69"	1.63"	2.75"		2.75 x 16		15 lbs.
925026B	20 Ton	1.75	7.77	2.38	4.44	YES	3.88"	5.63"	2.00"	3.63"				11 lbs.
925023	25 Ton	4	20.60	2.56	5.15	YES	8.5"	12.5"	2.25"	3.38"		3.31 x 12		18 lbs.
925024	25 Ton	10.25	52.79	2.56	5.15	YES	14.75"	25"	2.25"	3.38"		3.31 x 12		31 lbs.
925025A	25 Ton	6.25	32.19	2.56	5.15	YES	14.88"	21.13"	2.25"	3.38"	2 x 11.5	3.31 x 12	2 x 11.5	22 lbs.
925027A	25 Ton	14.25	73.39	2.56	5.15	YES	22.88"	37.13"	2.25"	3.38"	2 x 11.5	3.31 x 12	2 x 11.5	39 lbs.
930003	30 Ton	2.44	15.85	2.88	6.50	YES	4.63"	7.06"	2.62"	4.00"				15 lbs.
950005	50 Ton	2.38	22.91	3.50	9.63	YES	4.81"	7.19"	2.75"	5.00"				24 lbs.
955019A	50 Ton	6.25	69.06	3.75	11.05	YES	11.13"	17.38"	3.13"	5.00"		5 x 12		51 lbs.
999000	100 Ton	10.25	211.66	5.13	20.65	YES	17.69"	27.94"	4.13"	7.00"		6.89 x 12		160 lbs.

DOUBLE-ACTING CYLINDERS

SINGLE-ACTING CYLINDERS

	CAPA (To		STROKE	OIL C. (Cu. I		CYLINDER BORE DIA.	CYLIN EFFEC AREA(HEIG	HT .		OUTSI	DE DIA.	SADDLE	COLLAR	SHIPPING
NUMBER	Push	Pull	(Inches)	Push	Pull	(Inches)	Push	Pull	Min. Max.		Piston	Cylinder	DIAMETER	THREAD SIZE	WEIGHT	
910010	10	4	10	22.33	8.00	1.69	2.23	.80	16.125"	26.13"		1.38"	2.88"	1.38"	2.25 x 14	28 lbs.
930008	30	5	8.25	53.67	25.00	2.88	6.51	3.00	15.25"	23.5"		2.13"	4.00"	2"	3.31 x 12	40 lbs.
955106	50	10	6.125	67.77	21.00	3.75	11.06	3.40	13.06"	19.19"		3.13"	5.00"	2.81"	5 x 12	67 lbs.
999106	100	48	6.625	136.93	63.00	5.13	20.65	9.60	14.06"	20.69"		3.75"	7.00"	3"	6.88 x 12	135 lbs.

WEDGE RAM

MODEL NUMBER			IGHT OPEN	OVE HEIGHT	RALL DIMENS	IONS LENGTH	CYLINDER AREA (Cu.In.)	OIL CAP (Cu.In.)	SHIPPING WEIGHT
910028A	1 Ton	.38"	3.69"	2.01"	2.01"	8.78"	1.00	.61	5 lbs.

35



955055

50 TON ALUMINUM RAM w/ BASE & **SHUTOFF VALVE**

INTENDED USE

Made for lifting heavy off-road and construction equipment.



COMPATIBILITY CHART

HYDRAULIC CYLINDERS (Page 34)

The NORCO Difference: Safe, reliable, dependable performance

910017B 910018B 910130A 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.





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 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.





FEATURES

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

- The model 910130A pump is equipped with a more durable aluminum reservoir.
- Both models 910130A 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.





	HYDRAULIC	USABLE	OUTPUT FLOW RATE (Cu. In. Per Min.) No Load Load		AIR PRESSURE	AIR		SOUND	THREAD CONNECTIONS		DIMENSIONS (Inches)			WEIGHT
MODEL NUMBER	PRESSURE RATING (P.S.I.)	OIL CAP. (Cu. In.)			RANGE (P.S.I.)	CONSUMPTION VALVE (scfm) FUNCTION		LEVEL (dBA)	AIR (NPT)	HYDRAULIC (NPT)	Length	Width	Height	(Lbs.)
910017B	10,000	127	60	10	25-125	12	Advance / Hold Retract	76	.25"-18	.375"-18	13.63"	6.19"	8.19"	14
910018B	10,000	462	60	10	25-125	12	Advance / Hold Retract	76	.25"-18	.375"-18	13.63"	12"	11.38"	38
910020	3,250	36	40	8	60-120	9	Advance / Hold Retract	85	.25"-18	.125"-27	15.5"	4.5"	5"	9
910130A	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

925009A, 925010A, & 925013B

• 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 925013B 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.

925009

• Handle lock for easy carrying. • Non-conductive fiberglass handle for operator safety.

PUMP TYPE				PRESSURE RATING		USABLE OIL DISPL			MAXIMUM	PISTON	DIMENSIONS (Inches)			PUMP		
Single Speed	Two Speed	Steel	Light Weight	MODEL NUMBER	(P.S.I.) 1st. Stage 2nd. Stage		OIL CAP. PER STRO (Cu. In.) 1st. Stage		KE (Cu. In.) 2nd. Stage	HANDLE EFFORT (Lbs.)	STROKE (In.)	Length	Width	Height	HANDLE ARC	WEIGH1 (Lbs.)
\bullet				925009A	2,850	_	18	.16		57	.81	13.38	5.25	5.25	40°	11
\bullet		•		925010A	10,000		40	.16	_	111	.81	23	5.25	5.25	40°	13
	•		•	925011	200	10,000	55	.687	.151	93	1.00	21.63	4.75	7	50°	9
lacksquare			•	925012A	10,000	_	55	.151	_	85	1.00	21.63	4.75	7	50°	9
	\bullet	\bullet		925013B	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

The NORCO Difference: Best in class

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

- handle protects motor from contamination.
- 10 foot pendant for operator safety.
- Two-speed motor design with 3-way 2-position

910052A

MODEL NUMBER	HYDRAULIC PRESSURE RATING (P.S.I.) 1st. Stage 2nd. Stage		USABLE OUTPUT FLOW RATE OIL CAP. (Cu.In. Per Min.) (Cu. In.) 1st. Stage 2nd. Stage		CURRENT DRAW (Amps.)	MOTOR VOLTAGE (VAC)	SOUND LEVEL (dBA)	THREAD CONNECTION (NPT)	VALVE TYPE	DIMENSIONS (Inche Length Width He		(Inches) Height	WEIGHT (Lbs.)	
910019B	450	10,000	462	400	40	20	115	75	.375"-18	Advance / Retract	19	9.75	23	73
910052A	200	10,000	238	200	20	9.5	115	85	.375"-18	Advance / Hold Retract	14.5	12.25	14.75	31





• Air exhaust muffler for quieter operation.



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.

Models not shown have same basic construction as model pictured.



ELECTRO / HYDRAULIC PUMPS norco

910019B and 910052A

10,000 P.S.I. CAPACITY

INTENDED USE

Same as for the air/hydraulic pumps but will handle singleacting 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.

• High strength molded shroud with integral easy-carry

• 115 VAC, 1/2 hp motor operates on voltages as low as 60 volts.

valve for use with single-acting cylinders.





A NATIONAL NETWORK OF AUTHORIZED SERVICE CENTERS PROVIDE PROFESSIONAL NORCO SERVICE AND REPAIR

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NORCO Professional Lifting Equipment's products and parts¹ are warranted against defects in materials and workmanship for the life of the product or the part.

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NORCO's four distribution centers ensure quick delivery across North America.

¹ Excludes equipment and part numbers as noted in the NORCO Professional Lifting Equipment catalog or other literature, which have a separate Limited One-Year Warranty.



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2013 Copyright Catalog No. 14 June 2013 Printed in U.S.A.