

# LIFTING & HYDRAULIC EQUIPMENT

**SAFETY  
AND  
PRODUCTIVITY**

**DESIGN**

With features like controlled descent to more stable and maneuverable wheels, our products are designed with your safety as job #1.

**QUALITY**

Whether it's the finest hardened steels, tough powder coating, or precision cup seals – the details make the difference.

**STANDARDS**

Our products are designed to meet or exceed ANSI-PASE standards – safety and performance that's industry-leading



**DID YOU KNOW?**

Strongarm is the leading brand of high quality lifting and hydraulic equipment in Canada



Bottle jacks can be used in vertical and horizontal positions



030115

Equipped with a second large diameter plunger for faster contact to the load

**MANUALLY OPERATED - HEAVY DUTY**

- Available in 2 – 50 ton capacities
- 12 and 20 ton models available in standard and low profile versions
- Can be used in vertical and horizontal positions (valve side down)
- Factory pre-tested to 150% of rated capacity
- Heat treated piston for maximum strength
- Heavy duty steel saddle for secure lifts
- Centred pump and ram for balance and easy positioning
- Convenient carrying handle on 12 – 50 ton models
- Model 352A is equipped with a second large diameter plunger for faster contact with load

PROD. NO.	MOD. NO.	Style	Cap. (Tons)	Low Height	High Height	Lift	Screw Ext.	Shipping Weight
030102	302A	Standard	2	6-1/4"	12-1/2"	3-3/4"	2-1/2"	6 lb (3 kg)
030103	304A	Standard	4	6-3/4"	12-1/4"	3-1/4"	2-1/4"	8 lb (4 kg)
030104	306A	Standard	6	8"	16"	5-1/4"	2-3/4"	11 lb (5 kg)
030105	308A	Standard	8	7-3/4"	15-3/4"	5-1/4"	2-3/4"	13 lb (6 kg)
030106	312A	Standard	12	8-1/2"	17"	5-3/4"	2-3/4"	17 lb (8 kg)
030107	314A	Low Profile	12	7"	13"	4"	2"	15 lb (7 kg)
030110	320A	Standard	20	9-1/2"	18-1/4"	6-1/4"	2-1/2"	27 lb (12 kg)
030111	322A	Low Profile	20	7-3/4"	14-3/4"	4-1/2"	2-1/2"	23 lb (10 kg)
030112	330A	Standard	30	11-1/4"	18-3/4"	7-1/2"	-	44 lb (20 kg)
030114	350A	Standard	50	11-3/4"	19-3/4"	8"	-	74 lb (33 kg)
030115	352A	Double Plunger	50	11-3/4"	19-3/4"	8"	-	94 lb (42 kg)

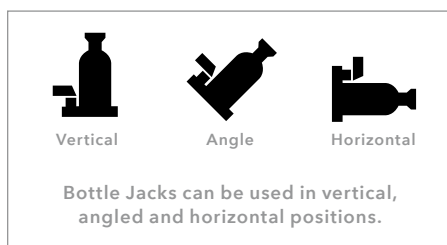
**JET INDUSTRIAL BOTTLE JACKS**

**JHJ Series - Super Heavy Duty**

- JET industrial hydraulic bottle jacks have earned a reputation for super heavy duty performance, reliability and dependability for over 40 years
- Electrically welded base and cylinder assures strength and eliminates leaks
- Not affected by temperature extremes
- All models work in upright, angle or horizontal positions
- Unique valving allows handle to remain in upright position when used horizontally for improved operation
- Cleated steel lift saddle for safest operator conditions
- Equipped with convenient extension screw for low pick up height adjustment
- Available in Standard and Low Profile (LP) models
- Fully serviceable; common release valve assemblies and other interchangeable parts allow quick repairs
- Rigidly adheres to JIS and ANSI standards
- Tested to over 150% of rated capacities
- Made in Japan



PROD. NO.	MOD. NO.	Rated Capacity (Tons)	Closed Height	Piston Travel	Head Screw Height	Maximum Height	Base Size	Handle Type (pieces)	Shipping Weight
140101	JHJ-2	<b>2</b>	7-1/8"	4-1/2"	2"	13-5/8"	4-5/16" x 2-9/16"	2	5.5 lb (2.5 kg)
140102	JHJ-3	<b>3</b>	7-1/2"	4-1/2"	2-3/8"	14-3/8"	4-1/2" x 2-13/16"	2	6.8 lb (3 kg)
140103	JHJ-5	<b>5</b>	7-7/8"	4-3/4"	2-3/4"	15-3/8"	5-3/16" x 2-15/16"	3	8.8 lb (4 kg)
140104	JHJ-8	<b>8</b>	7-7/8"	4-3/4"	2-3/4"	15-3/8"	6" x 3-1/2"	3	12.2 lb (5.6 kg)
140105	JHJ-12-1/2	<b>12-1/2</b>	9-1/2"	5-7/8"	3-1/8"	18-1/2"	6-1/2" x 4-3/16"	3	17.7 lb (8 kg)
140106	JHJ-12-1/2LP	<b>12-1/2</b>	6-3/4"	3-3/4"	3"	13-1/2"	6-1/2" x 4-3/16"	1	12.8 lb (5.8 kg)
140107	JHJ-17-1/2	<b>17-1/2</b>	10-7/16"	6-1/2"	3-1/8"	20-1/16"	7-1/8" x 4-5/8"	3	24 lb (10.9 kg)
140108	JHJ-17-1/2LP	<b>17-1/2</b>	6-3/4"	3-1/2"	2-3/4"	13"	7-1/8" x 4-5/8"	1	16.4 lb (7.5 kg)
140109	JHJ-22-1/2	<b>22-1/2</b>	10-5/8"	6-1/4"	-	16-7/8"	7-3/16" x 5-1/16"	3	29.5 lb (13.4 kg)
140110	JHJ-22-1/2LP	<b>22-1/2</b>	7-1/8"	3-3/8"	1-9/16"	12-1/16"	7-3/16" x 5-1/16"	1	19.7 lb (9 kg)
140111	JHJ-35	<b>35</b>	11"	6-1/4"	-	17-1/4"	7-9/16" x 5-9/16"	1	41 lb (18.5 kg)
140112	JHJ-60	<b>60</b>	12"	6-3/4"	-	18-3/4"	9-5/16" x 7-3/8"	1	82 lb (36.9 kg)



**STRONGARM**

Bottle jacks can be used in vertical and horizontal positions



030152



030442



030158

## BOTTLE JACKS

### AIR/HYDRAULIC BOTTLE JACKS - HEAVY DUTY

- Designed for use with compressed air systems at 90 PSI - quicker and faster than manual jacks!
- Factory pre-tested to 150% of rated capacity
- Heat treated piston for maximum strength
- Heavy duty steel saddle for secure lifts
- Convenient carrying handle
- Bypass mechanism prevents internal damage from over pumping

#### 20 Ton Air/Hydraulic Bottle Jack - Super Heavy Duty

030158 / 385SHD

- Built tough for the rigors of the heavy duty trucking, agricultural and fleet business
- Operating pressure 110-120 PSI
- Dual return springs for faster ram retraction
- Safeties bypass system
- Reinforced base for added stability
- Precision machining reduces O ring damage
- Superior quality O rings for longer life and greater seal
- Premium components provide for a 4 to 1 greater life expectancy
- Manual function allows for normal operation anywhere, even without an air supply

PROD. NO.	MOD. NO.	Style	Cap. (Tons)	Low Height	High Height	Lift	Screw Ext.	Shipping Weight	Reach
030152	370C	Air/Hydraulic	12	10-1/4"	19-1/2"	7"	2-1/2"	30 lb (14 kg)	-
030157	380C	Air/Hydraulic	20	10-1/2"	20"	6-1/4"	2-1/2"	38 lb (17 kg)	-
030442	735	Air/Hydraulic	35	11"	16-3/4"	21-1/4"	5-3/4"	101 lb (45 kg)	55"
<b>NEW</b> 030158	385SHD	Air/Hydraulic	20	10.3"	20"	6.3"	3.3"	36 lb (16.2 kg)	-

**HYDRAULIC BOTTLE JACKS**

**JTJ Series - Super Heavy Duty**

- For use where exceptionally low pick up height is required
- Extra wide base for maximum stability
- Electrically welded base and cylinder assures strength and eliminates leaks
- 200° handle socket for operation from any direction
- Load can be applied to toe or head
- Capacity rated at toe and increases if load applied to head
- Complete with overload protection
- Not affected by temperature extremes
- Rigidly adheres to JIS and ANSI standards
- Tested to over 150% of rated capacities
- Made in Japan



PROD. NO.	MOD. NO.	Rated Capacity (Toe)	Rated Capacity (Head)	Minimum Height (Toe)	Maximum Height (Toe)	Minimum Height (Head)	Maximum Height (Head)	Base Size (L x W)	Shipping Weight
030192	SATJ-5SV	5 ton	6 ton	1"	5-5/8"	11-1/2"	16-1/8"	10-5/8" x 7-1/8"	51.7 lb (23.5 kg)
030195	SAJJ-10SV	10 ton	14 ton	1-1/4"	6-3/4"	13"	18-1/2"	11-1/4" x 9-1/2"	85 lb (38.6 kg)



## BOTTLE JACKS

## MECHANICAL SCREW JACKS



## SJ Series - Heavy Duty

- Professional contractor quality mechanical screw jack for all-purpose lifts and supports
- Holds loads indefinitely – will not creep
- Heavy-duty bell shaped cast base adds stability
- Head pivots to provide maximum contact
- Corrugated steel swivel head turns easily under load
- Acme type thread
- Easy to carry and position with built-in handle
- Turning bar (handles) sold separately
- Compliance: ANSI / ASME B30.1 standards
- Ideal for construction, structural moving, supporting machinery, automotive, trucks, industrial, agriculture and general maintenance

PROD. NO.	MOD. NO.	Rated Capacity (Tons)	Bar Hole Size	Minimum Height	Maximum Height	Handle	Shipping Weight
030173	SASJ-05	5	9/16"	9.45"	13.39"	030174	8.8 lb (4 kg)
030175	SASJ-10	10	11/16"	11.5"	17.83"	030176	15.4 lb (7 kg)
030178	SASJ-15	15	13/16"	13.86"	21.38"	030179	24.2 lb (11 kg)
030182	SASJ-20	20	1"	15.83"	24.88"	030183	31.9 lb (14.5 kg)
030186	SASJ-25	25	1"	16.61"	26.34"	030183	37.4 lb (17 kg)

## Handles for SJ Series Jacks

PROD. NO.	MOD. NO.	Size	Fits Product Number	Shipping Weight
030174	SASJH-05	1/2" x 18"	030173	1.1 lb (0.5 kg)
030176	SASJH-10	5/8" x 24"	030175	2.2 lb (1 kg)
030179	SASJH-15	3/4" x 36"	030178	5.5 lb (2.5 kg)
030183	SASJH-20/25	1" x 42"	030182 / 030186	8.8 lb (4 kg)

## HYDRAULIC SERVICE JACKS

### JTJ Series - Super Heavy Duty

- All models designed for the professional user
- All models equipped with safety valve to prevent overloading
- Rear mounted swivel casters for easy maneuverability
- Heavy duty pump, ram and cylinders are precision machined and inspected to ensure long service life and superior performance

**NOTE:** Hydraulic Jacks are intended for lifting but not sustaining a partial vehicular load. Immediately after lifting, support the load with appropriate means such as high quality STRONGARM jack stands.

#### 2-1/2 TON - Service Jack

030415 / 952B

- Model 952B has been the standard of the Canadian industry for over 20 years
- Heavy duty casters and saddle
- Two piece 40" handle
- A great floor jack for everyday use

Low Height	High Height	Length	Front Width	Rear Width	Shipping Weight
5"	19-1/4"	27"	10-3/4"	13"	93 lb (42 kg)



030415

#### 2 TON - Low Rider Service Jack - Heavy Duty

030414 / 962L

- Super low pickup height of 2-3/4"
- Ideal for today's import cars and popular "Tuner" cars
- Equipped with a double pump design to increase speed without compromising overall performance of the jack
- Comes with padded handle and rubber saddle protector
- Safety valve prevents overload
- Universal joint technology for precision control of release valve
- Tough powder coated frame for longer shop life

Cap. (Tons)	Low Height	High Height	Length	Front Width	Rear Width	Shipping Weight
2	2-3/4"	20"	27"	11-3/4"	15"	75 lb (34 kg)



NEW

#### 2 TON - Aluminum Racing Jack

030412 / 962AL

- Lightweight, only 43 lb (19.5 kg) and a 2 Ton Capacity makes this a very versatile jack for numerous applications from towing and service vehicle applications, general garage service to racers of all types
- Double pump design gets saddle to load quickly
- Padded 2 piece handle and saddle protect vehicle from damage
- Two side handles for easier portability
- Large front wheels for added stability

Cap. (Tons)	Low Height	High Height	Length	Front Width	Rear Width	Shipping Weight
2	3.5"	18.5"	25.75"	11.75"	11.75"	46 lb (21 kg)



NEW



030406



030407

## FLOOR/GARAGE JACKS - HYDRAULIC

### 3-1/2 TON - Service Jack - Heavy Duty

030406 / 965GTO

- The standard for tire and service shops in Canada
- Extra wide front casters for superior stability
- Two piece 50-1/4" padded handle and a rubber saddle
- Flanged side plates for increased strength and stability
- Universal joint technology for precision control of release valve
- Tough powder coated frame for longer shop life

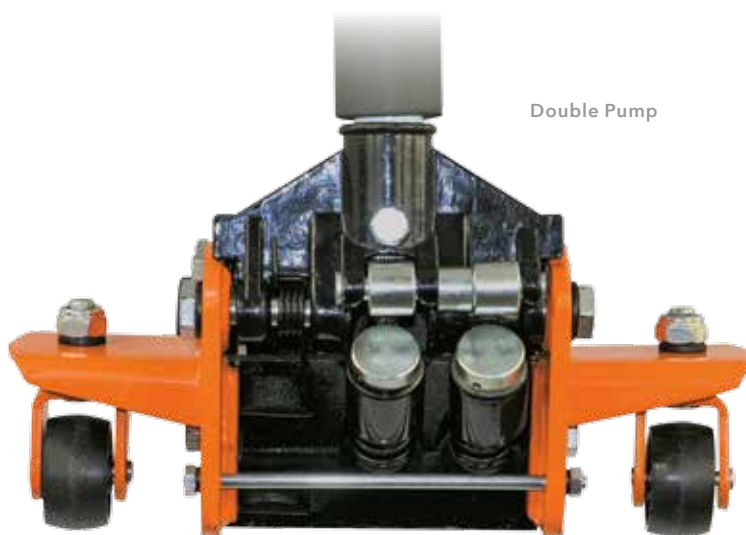
Low Height	High Height	Length	Front Width	Rear Width	Shipping Weight
4"	19-1/2"	29"	11-1/4"	15"	119 lb (54 kg)

### 3-1/2 TON - Double Pumper Service Jack - Heavy Duty

030407 / 966HO

- Same great quality features as Model 965GTO
- Equipped with a double pump design to increase speed without compromising overall performance of the jack
- Second volume pump assists in getting the saddle to load much quicker than most other single pump designs on the market today

Low Height	High Height	Length	Front Width	Rear Width	Shipping Weight
4"	19-1/2"	29"	11-1/4"	15"	120 lb (54 kg)



## 5 & 10 TON - Long Chassis Service Jacks - Heavy Duty

- Heavy duty manually operated service jack for the most demanding heavy duty applications
- Ideal for truck tire shops, truck repair shops, fleet service, maintenance shops, military bases, job sites and all heavy duty jobs
- Heavy duty pumps, rams, and cylinders are precision machined and inspected to ensure long service life and superior performance
- Designed to get into very low areas • Automatic safety valve prevents overload
- Heavy duty swivel casters provide optimum maneuverability
- Handle mounted locking control lever locks handle in one of three positions: vertical, 45°, or horizontal for more convenient under vehicle positioning
- All models feature a convenient foot pedal for raising

PROD. NO.	MOD. NO.	Cap. (Tons)	Low Height	High Height	Length	Front Width	Rear Width	Shipping Weight
030434	955	5	6"	22-1/2"	59"	11-1/2"	15"	264 lb (119 kg)
030436	957	10	7"	23"	61"	13"	18"	373 lb (168 kg)

## 5 & 10 TON - Air/Hydraulic Long Chassis Service Jack - Heavy Duty

PROD. NO.	MOD. NO.	Cap. (Tons)	Low Height	High Height	Length	Front Width	Rear Width	Shipping Weight
030461	956	5	6"	22-1/2"	59"	11-1/2"	15"	273 lb (123 kg)
030466	959	10	7"	23"	61"	13"	18"	387 lb (175 kg)

- Same high quality features as the manually operated jacks but designed for use with compressed air systems between 115 - 200 PSI
- Uses 7.8 cu. ft./min. at 180 PSI • May be used with or without air

## 20 TON - Long Chassis Service Jack - Super Heavy Duty

PROD. NO.	MOD. NO.	Cap. (Tons)	Low Height	High Height	Length	Front Width	Rear Width	Shipping Weight
030438	970SD	20	7-3/4"	23-3/4"	67-1/2"	14-1/2"	19-5/8"	500 lb (225 kg)

## 20 TON - Air/Hydraulic Service Jack - Super Heavy Duty

- Heavy duty manually operated service jack for the most demanding heavy duty application
- Ideal for truck tire and repair shops, fleet service, maintenance shops, military bases, and job sites
- Heavy duty pumps, rams and cylinders are precision machined and inspected to ensure long service life and superior performance • Designed for access into very low heights
- Automatic safety valve prevents overload, ensuring product durability and your security
- Heavy duty swivel casters provide optimum maneuverability
- Handle mounted locking control lever has 3 positions offering optimum versatility to ensure more convenient and accurate under car positioning

PROD. NO.	MOD. NO.	Cap. (Tons)	Low Height	High Height	Lift Height	Shipping Weight
030439	980SHD	20	7-1/2" (190 mm)	26-3/8" (670 mm)	18-7/8" (480 mm)	679 lb (308 kg)



## TRUCK AXLE AIR/HYDRAULIC JACKS

### 20 TON - Air/Hydraulic Truck Jack - Heavy Duty

030445 / 728C



3 piece adapter kit included as standard accessory

- For over 10 years model 728C has set the Canadian truck tire industry standard
- Corrosion-resistant aluminum and nylon composite air motor
- In-line filter to protect air motor from contaminants
- Heavy duty pump, ram and cylinders are precision machined and inspected to ensure long service life and superior performance
- Heat treated cylinder wall and chrome piston give added stability and longer jack life
- In-line oiler automatically provides lubrication for air motor, extending the life of the jack and overall performance
- Designed for lifting trucks, buses, trailers, and other heavy duty equipment
- Two piece 41" handle
- Operates at 90 - 180 PSI
- Standard accessories: 3 piece adapter kit including 3/4", 2-3/4", and 4" extensions



T-Handle



3 piece adapter kit included as standard accessory

### 20 TON - Air/Hydraulic Truck Jack - Super Heavy Duty

030448 / 720SD

- Canada's premium quality 20 ton axle jack
- This super duty work horse features a specially heat treated cylinder wall and chrome piston machined to super exacting tolerances ensuring premium performance, durability, life and safety
- Premium air motor lasts longer and is more reliable than competitive brands
- Safety valve prevents damage from overload
- Large diameter wheels assist in maneuverability
- Long T-handle with integrated release assists in jack positioning
- Handle lock allows the handle to be secured in the vertical, 45° or horizontal positions
- Ships in two cartons\*

PROD. NO.	MOD. NO.	Cap. (Tons)	Ram Lift	Low Height	High Height	Length	Front Width	Rear Width	Shipping Weight
030445	728C	20	4-3/4"	8-3/4"	17-3/4"	20"	12-1/4"	12-1/4"	98 lb (44 kg)
030448	720SD	20	4-3/4"	8"	17"	20-1/8"	7-3/8"	12-7/8"	100 lb (45 kg)*

# TRUCK AXLE AIR/HYDRAULIC JACKS

**STRONGARM**

STRONGARM

## 22 TON - Single Stage Air Hydraulic Truck Jack - Super Heavy Duty 030450 / 722SHD

- Super Heavy Duty, single stage 22 ton jack built for a wide variety of demands from the heavy duty trucking, agricultural, fleet, construction and military sectors
- The piston head seal design is borrowed from industrial technology providing a superior low and high pressure seal, giving this jack a much better hold under severe load conditions
- The extra long 138 cm (54") handle can be locked in 3 positions for easy positioning of this jack in hard-to-reach places
- Double polished chromed pistons yield much tighter tolerances which minimize oil bypass and reduce ram scoring
- Fast 2-speed air/hydraulic action advances ram to load faster for quicker, more efficient operation • Includes safety valve for overload protection
- An integral descent metering valve maintains a controlled and safe lowering of the load
- Air assisted lowering as well as 3 self-returning springs for faster ram retraction
- Controlled lowering speeds for increased safety (70mm in 5 sec, under load, 75mm in 5 sec, without load)
- Comes with 3 heat treated extensions (20, 50, 100 mm) for a wide range of lifting options
- Tested to 20,000 cycles for long service life and increased return on investment



3 piece adapter kit included as standard accessory

SERVICE JACKS

PROD. NO.	MOD. NO.	Cap. (Tons)	Low Height	High Height	Rise	Working Air Pressure	Shipping Weight
030450	722SHD	<b>22</b>	215 mm (8-1/2")	356 mm (14")	140 mm (5-1/2")	90 - 120 PSI	86 lb (39 kg)

**NEW**

**SHD**



## TRUCK AXLE AIR/HYDRAULIC JACKS

**30/15 TON - 2 Stage Air/Hydraulic Truck Jack - Super Heavy Duty 030474 / 730SHD**

- The extra light weight and portability makes this the ideal service jack for service vehicles
- 2 stages and lifting capacities of 30 and 15 ton make this a very versatile jack
- The extra long removable handle and rugged rear wheels make for easy positioning of this jack in hard to reach places
- An integral Descent Metering Valve maintains a controlled and safe lowering of the load
- The piston head seal design is borrowed from industrial technology providing a superior low and high pressure seal, giving this jack a much better hold under severe load conditions
- Double polished chromed pistons allow for much tighter tolerances which reduce oil bypassing and reduced ram scoring
- Air assisted lowering speeds up ram retraction
- Built-in overload safety valve prevents damage to unit due to excessive load
- Comes with 2 extensions (75mm & 45mm) and saddle adapter
- Units are tested to -25°C and +45°C as well as off centre loading to ensure a long life under even the harshest conditions

Cap. (Tons)	Low Height	High Height	Lift	Working Air Pressure	Shipping Weight
30	150 mm (5.92")	224 mm (8.82")	74 mm (2.91")	0.8 to 1.0 MPa (116 to 145 PSI)	77 lb (35 kg)
15	150 mm (5.92")	292 mm (11.5")	142 mm (5.59")	-	-

**50/25 TON - 2 Stage Air/Hydraulic Truck Jack - Super Heavy Duty 030475 / 750SHD**

- Super Heavy Duty, 2 Stage 50 ton and 25 ton built tough for the rigors of the heavy duty trucking, agricultural and fleet business
- The piston head seal design is borrowed from industrial technology providing a superior low and high pressure seal, giving this jack a much better hold under severe load conditions
- The extra long 138cm (54") handle can be locked in 3 positions for easy positioning of this jack in hard to reach places
- An integral Descent Metering Valve maintains a controlled and safe lowering of the load
- Single piece base construction provides superior strength for increased load stability
- Double polished chromed pistons allow for much tighter tolerances which reduce oil bypassing and reduced ram scoring
- Air assisted lowering speeds up ram retraction
- Built-in overload safety valve prevents damage to unit due to excessive load
- Comes with 2 extensions (75mm & 45mm) and saddle adapter
- Units are tested to -25°C and +45°C as well as off centre loading to ensure a long life under even the harshest conditions

Cap. (Tons)	Low Height	High Height	Lift	Working Air Pressure	Shipping Weight
50	215 mm (8.46")	332 mm (13.07")	117 mm (4.61")	0.8 to 1.2 MPa (116 to 174 PSI)	165 lb (75 kg)
25	215 mm (8.46")	446 mm (17.56")	231 mm (9.09")	-	-



## 60/40/20 TON - 3 Stage Air/Hydraulic Truck Jack - Super Heavy Duty 030476 / 760SHD

- This Super Heavy Duty, 3 Stage 60/40/20 ton Air Hydraulic Jack covers a wide variety of demands from the heavy duty trucking, agricultural, fleet, construction and military sectors
- The piston head seal design is borrowed from industrial technology providing a superior low and high pressure seal, giving this jack a much better hold under severe load conditions
- The extra long 138cm (54") handle can be locked in 3 positions for easy positioning of this jack in hard to reach places
- An integral Descent Metering Valve maintains a controlled and safe lowering of the load
- Single piece base construction provides superior strength for increased load stability
- Double polished chromed pistons allow for much tighter tolerances which reduce oil bypassing and reduced ram scoring
- Air assisted lowering speeds up ram retraction
- Built-in overload safety valve prevents damage to unit due to excessive load
- Comes with 2 extensions (75mm & 45mm) and saddle adapter
- Units are tested to -25°C and +45°C as well as off centre loading to ensure a long life under even the harshest conditions

Cap. (Tons)	Low Height	High Height	Lift	Working Air Pressure	Shipping Weight
60	175mm (6.89")	252mm (9.92")	77mm (3.03")	0.8 to 1.2 MPa (116 to 174 PSI)	165 lb (75 kg)
40	175mm (6.89")	322mm (12.68")	147mm (5.79")	-	-
20	175mm (6.89")	404 mm (15.91")	229mm (9.02")	-	-



## 80/50 TON - 2 Stage Air/Hydraulic Truck Jack - Super Heavy Duty 030477 / 780SHD

- There isn't much that you won't be able to lift with this Super Heavy Duty 2 Stage Air Hydraulic Jack, heavy duty trucking, agricultural, construction, military, even aircraft - this does it all!
- The piston head seal design is borrowed from industrial technology providing a superior low and high pressure seal, giving this jack a much better hold under severe load conditions
- The extra long 138cm (54") handle can be locked in 3 positions for easy positioning of this jack in hard to reach places
- An integral Descent Metering Valve maintains a controlled and safe lowering of the load
- Single piece base construction provides superior strength for increased load stability
- Double polished chromed pistons allow for much tighter tolerances which reduce oil bypassing and reduced ram scoring
- Air assisted lowering speeds up ram retraction
- Built-in overload safety valve prevents damage to unit due to excessive load
- Comes with 2 extensions (75mm and 45mm) and saddle adapter
- Units are tested to -25°C and +45°C as well as off centre loading to ensure a long life under even the harshest conditions

Cap. (Tons)	Low Height	High Height	Lift	Working Air Pressure	Shipping Weight
80	230 mm (9.06")	340 mm (13.39")	77mm (3.03")	0.8 to 1.2 MPa (116 to 174 PSI)	240 lb (109 kg)
50	230 mm (9.06")	440 mm (17.32")	147mm (5.79")	-	-



## SINGLE STAGE AIR/HYDRAULIC SERVICE JACKS

## Single Stage Air/Hydraulic Truck Jack - Super Heavy Duty

- This Super Heavy Duty, single stage 30 ton high lift air hydraulic jack covers a wide variety of demands from the heavy duty trucking, agricultural, fleet, construction and military sectors
- The piston head seal design is borrowed from industrial technology providing a superior low and high pressure seal, giving this jack a much better hold under severe load conditions
- The extra-long 138cm (54") handle can be locked in 3 positions for easy positioning of this jack in hard to reach places
- An integral Descent Metering Valve maintains a controlled and safe lowering of the load
- Single piece base construction provides superior strength for increased load stability
- Double polished chromed piston allow for much tighter tolerances which reduce oil bypassing and reduced ram scoring
- Air assisted lowering speeds up ram retraction
- Built-in overload safety valve prevents damage to unit due to excessive load
- Comes with 2 extensions (100 mm and 45 mm) and saddle adapter
- Units are tested to -25°C and + 45°C as well as off centre loading to ensure a long life under even the harshest conditions.
- Pneumatic wheels for easy maneuverability

PROD. NO.	MOD. NO.	Cap. (Tons)	Low Height	High Height	Working Air Pressure
030472	830SHD	30	360 mm	722 mm	116 - 174 PSI
030473	860SHD	60	420 mm	1,031 mm	116 - 174 PSI

030472 **SHD**

030473

**NEW**  
**SHD**

**5-1/2 TON - Long Reach Air Lift Jack - Heavy Duty** 030454 / 527

- 5-1/2 ton capacity achieved at 160 PSI air supply
- Eases lifting and lowering of large truck, buses, farm and construction equipment
- Scissor design enables flexibility when lifting
- Includes two sizes of saddles and a drop axle adapter for increased versatility
- Convenient saddle storage on the cylinder
- The drop axle adapter can reduce the minimum height by 3-1/2" in front of the support bar on the jack
- The high saddle adds maximum 10-1/2" height to the support bar on the jack
- The low saddle adds maximum 4-1/2" height to the support bar on the jack
- Five position safety lock that is independent of air pressure
- Two large pneumatic wheels provide excellent maneuverability
- Reach: 45", Saddle spread: 23" - 45"
- Lowered dimensions: 15" W x 77" L x 6-1/2" H

**10 TON - Air End Lift Jack - Heavy Duty** 030457 / 528

- 10 ton capacity achieved at 200 PSI air supply
- 4" x 6" steel saddles adjust between 36" and 50" widths to accommodate a wide variety of vehicle applications
- Saddle arms reversible for lower lifting points
- Three-way air valve for fine lifting and lowering control
- Automatic mechanical safety lock engages at five lift heights from 17-1/2" to 50"
- Two air control valve fittings – one for shop air supply and one for a Schrader valve
- Front swivel caster and two pneumatic rear tires for easy maneuverability
- 13" forward reach (distance from cylinder to saddles)

PROD. NO.	MOD. NO.	Cap. (Tons)	Saddle Spread	Low Height	High Height	Working Air Pressure	Shipping Weight
030454	527	5-1/2	23" - 45"	6-1/2"	53-1/2"	160 PSI	638 lb (290 kg)
030457	528	10	36" - 50"	12"	39-1/2"	200 PSI	750 lb (341 kg)



## AIR LIFT JACKS

## 10 TON - Air Lift Jack - Heavy Duty

030458 / 529

- 10 ton capacity achieved at 200 PSI air supply
- Heavy duty air valve offers accurate lift control
- Removable T-handle for easy storage
- Extension tubes offer multiple lifting and locking positions
- 12" lift travel
- Large diameter rubber tread wheels for ease in positioning in restricted areas
- Designed for lifting large trucks, buses, farm and construction equipment, especially in crowded service areas

PROD. NO.	MOD. NO.	Cap. (Tons)	Low Height	High Height	Working Air Pressure	Shipping Weight
030458	529	10	18"	42"	200 PSI	172 lb (78 kg)



Raised



Lowered

## 7 TON - Fork Lift Jack - Heavy Duty

030482 / 958A

- The scissor jack point is low enough to efficiently access and lift a variety of popular forklift models
- Scissors lift from 2-1/2" to 16-1/2"
- 14" reach in raised position
- Safety valve provides critical overload protection
- Rugged wheels make load alignment easier
- Chassis 26" long x 9" wide
- Shipping weight: 150 lb (68 kg)

## Clutch Jack - Manual Swivel Head Design - Heavy Duty

030501 / 802A

- A highly efficient design that provides the technician with capabilities to remove, install and transport heavy duty truck clutches
- This heavy duty unit has a greater capacity than most competitive units and has the added versatility of being able to convert the optional adapters for fly wheels, drive shafts, starter motors, auxiliary cases, differentials, brake drums and camel back springs
- Patented clutch head assembly (US patents 5,251, 875, and 5,033,717) turns 360° and pivots side-to-side for efficient clutch/engine alignment
- Two splined alignment shafts (2" OD x 1.18" pilot and 1-3/4" OD x .938" pilot)
- Clutch assemblies can easily be built on the vertical shaft and then positioned easily under the truck
- Pump handle rotates 360° for ease of operation in virtually any work position
- Unique pinned alignment shaft allows technician to remove jack to install clutch assembly without obstruction

Cap. (lb)	Low Height	High Height	Frame Dimensions	Shipping Weight
500	13"	39"	36-1/2" L x 22" W	138 lb (62 kg)



## CLUTCH JACK ACCESSORIES

### 030502 • 802A-1 • Flywheel Adapter

- Easily replaces the spline and bolts onto flat and pot style truck flywheels used with 14" and 15-1/2" clutches for more efficient removal and installation
- Shipping weight: 18.55 lb (8 kg)



### 030503 • 802A-2 • Drive Shaft Adapter

- Supports heavy truck drive shafts under the main carrier bearing or the complete shaft, allowing one shop technician to safely move or align them
- Shipping weight: 18 lb (8 kg)



### 030504 • 802A-3 • Starter Motor Adapter

- With its large V shape surface area, it cradles large truck starter motors and makes their removal, installation and transportation easier
- Shipping weight: 11 lb (5 kg)



### 030505 • 802A-4 • Auxiliary Case Adapter

- Helps technician remove the auxiliary case without having to remove the complete transmission unit
- Shipping weight: 11 lb (5 kg)



### 030506 • 802A-5 • Differential Adapter

- Makes removing and installing heavy truck differentials easier and safer by eliminating the need for personal heavy lifting by a shop technician
- Shipping weight: 30 lb (14 kg)



### 030507 • 802A-6 • Brake Drum Adapter

- Works like a forklift to handle heavy truck brake drums. Easily positions under the vehicle to safely remove or install the drum. The tilt and pivot abilities of the head allow for precise brake drum alignment
- Shipping weight: 37 lb (17 kg)



### 030508 • 802A-7 • Camelback Spring Adapter

- Allows technician to safely remove and efficiently change many Mack truck style camel back spring units
- Shipping weight: 42 lb (19 kg)



### 030509 • 802A-8 • Spline 1.18" Pilot x 2.00"

- Comes with 802A
- Spline shaft end has flattened sides to allow the use of wrench to turn clutch assembly and is threaded for use with slide hammer for pulling tight spline shafts
- Shipping weight: 6 lb (3 kg)



### 030510 • 802A-9 • Spline .983" Pilot x 1.75"

- Comes with 802A
- Spline shaft end has flattened sides to allow the use of wrench to turn clutch assembly and is threaded for use with slide hammer for pulling tight spline shafts
- Shipping weight: 6 lb (3 kg)



### 030511 • 802A-10 • Spline .981" Pilot x 1.50"

- Spline shaft end has flattened sides to allow the use of wrench to turn clutch assembly and is threaded for use with slide hammer for pulling tight spline shafts
- Shipping weight: 6 lb (3 kg)



STRONGARM Hydraulic Telescopic Transmission Jacks provide service technicians one-man capabilities for installing transmissions, differentials or transfer cases.

**700 lb - Single Stage Manual Transmission Jack** 030522 / 792B

- Economical single stage telescopic ram for use on automobile transmissions, transfer cases or differentials
- Designed for under-hoist work
- Large 360° swivel casters for easy maneuverability
- Adjustable saddle with corner brackets and safety chain



030522

**1,000 lb - Two Stage Manual Transmission Jack - Heavy Duty** 030524 / 814A

- Two stage manual hydraulic operation
- Universal head provides forward, back and side tilt
- Fully adjustable universal saddle with corner brackets and safety chain
- Foot operated pump allows mechanic to use both hands to position and align saddle with transmission
- Automatic safety valve prevents jack from overload
- Wide base for maximum stability
- 360° handle for extra convenience



030524

PROD. NO.	MOD. NO.	Cap. (lb)	Low Height	High Height	Base Dimensions	Forward Tilt	Backward Tilt	Left Tilt	Right Tilt	Shipping Weight
030522	792B	<b>700</b>	53"	73"	39" sq.	N/A	N/A	N/A	N/A	96 lb (43 kg)
030524	814A	<b>1,000</b>	33-1/2"	72-1/2"	38" sq.	40°	15°	50°	20°	203 lb (91 kg)



030532

**NEW**

## TRANSMISSION JACKS

### 1,000 lb Two-Stage Air/Hydraulic Transmission Jack - Heavy Duty 030532 / 8178

- STRONGARM Hydraulic Telescopic Transmission Jacks provide service technicians one-man capabilities for installing transmissions, differentials or transfer cases
- Two stage system for maximum speed and precision final positioning
- Four fast ratcheting head brackets ensure you can easily and safely secure transmission pan flanges
- Strong nylon strap ensures secure load anchoring, keeping you safe
- Solid stance with heavy duty, wide swivel casters provide more efficient under-hoist positioning and easy maneuverability on rough floors

PROD. NO.	MOD. NO.	Cap. (lb)	Low Height	High Height	Lift Height	Shipping Weight
030532	8178	1,000	35"	74"	39"	190 lb (86 kg)



030527

### 2,000 lb - Two Stage Hydraulic Transmission Jack - Heavy Duty 030527 / 816A

- Two stage telescopic ram, designed for heavier automotive and medium duty truck transmissions, transfer cases or differentials in under-hoist applications
- Universal head provides forward, back and side tilt
- Automatic safety valve provides critical overload protection
- Adjustable saddle with corner brackets and safety chain
- Extra wide 4 point base with rugged 360° swivel casters for maximum stability and maneuverability

PROD. NO.	MOD. NO.	Cap. (lb)	Low Height	High Height	Base Dimensions	Forward Tilt	Backward Tilt	Left Tilt	Right Tilt	Shipping Weight
030527	816A	2,000	33-1/2"	72-1/2"	44" sq.	40°	15°	50°	20°	242 lb (109 kg)



030529

### Fuel Tank Adapter - Heavy Duty 030529 / 818

- Adjustable brackets, two safety straps, two grounding cables
- 80 lb capacity
- Fits STRONGARM transmission jack models 814A and 816A and 8178
- Measurements: Overall width 15" W., Retracted length 19-3/4", Extended length 31-3/4", Pad size 5-3/4" x 4"
- Shipping weight: 59 lb (27 kg)

## 1 TON - Low Profile Transmission Jack

030545 / 804A

- Designed for light to medium truck transmissions
- Fully adjustable universal saddle with corner brackets and safety chains
- Safety overload bypass to prevent hydraulic damage
- 24" handle pivots 360° around pump
- 4 industrial grade 3" casters
- Handles on both sides at back of the jack for convenience and maneuverability



030545

## 1 TON - Low Profile Transmission Jack - Heavy Duty

030547 / 806A

- Designed for heavy truck service
- Adjustable width head plate and wedge shaped brackets allows for a wide range of mounting options and the 4 way tilting head makes for easier removal and installation of the transmission
- Equipped with a 360° swiveling handle for use in tight spots
- Head dimensions: Width - Min. 6-1/2", Max. 18-1/4", Length - Min. 6-3/4", Max. 18-1/2"
- Open leg design makes it very versatile
- Rugged heavy duty casters
- Safety chain included
- Handles on both sides at back of the jack for convenience and maneuverability



030547

## 2 TON - Low Profile Transmission Jack - Super Heavy Duty

030549 / 808A

- STRONGARM offers the only Super Heavy Duty transmission jack with a full 2 ton capacity
- Built to handle removal, transport and installation of transmissions, transfer cases or differentials on heavy duty trucks, buses, agricultural and construction equipment
- Fully adjustable saddle with maximum tilt for easier alignment
- Adjustable corner brackets
- Convenient side trays for small tools and parts
- Safety overload bypass system to prevent hydraulic damage
- Adjustable saddle with corner brackets and safety chain
- 32" handle pivots 360° around pump
- Rugged industrial grade 4" casters for maximum maneuverability



030549

PROD. NO.	MOD. NO.	Cap. (Tons)	Low Height	High Height	Base Dimensions	Forward Tilt	Backward Tilt	Side Tilt	Shipping Weight
030545	804A	1	5-3/4"	31-1/2"	18-1/2" W. x 37-1/2" L.	65°	10°	12°	143 lb (64 kg)
030547	806A	1	10"	44"	25" W. x 53" L.	40°	25°	12°	299 lb (135 kg)
030549	808A	2	8-1/2"	34"	26" W. x 43" L.	15°	30°	12°	297 lb (166 kg)

STRONGARM Engine Cranes are designed for easy and efficient removal and transportation of vehicle engines. All feature four-position telescopic booms, wide stable bases, forged steel hooks with safety latches and heavy duty swivel casters. Superior welds in all locations provide maximum strength and durability.

**1/2 TON (1,000 lb) - 360° Swivel Truck Mounted Crane - Heavy Duty** 030303 / 200A

- Rugged steel construction
- Boom working range 26.75" to 41.25"
- Locking 360° swivel base
- Heavy duty chain with safety lock
- Designed to be installed in pickup truck beds or vans
- Shipping Weight: 106 lb (48 kg)



Extends from 43" to 64"

Foldable for extra storage and portability!

**2 TON (4,000 lb) - Telescoping Crane - Folding Style - Heavy Duty** 030315 / 216

- Designed for shops with limited space and for maximum portability
- Ideal for rental yards
- The legs easily fold up and away and with the ram completely retracted, this uses an extremely small storage footprint
- 360° hook adds greater flexibility in positioning lifting chains during removal and installation
- Shipping Weight: 260 lb (117 kg)



**Boom Extensions**

Position	Capacity (Tons)	Length*	Height**
1	2	43"	87"
2	1-1/2	54"	92"
3	1	57"	94"
4	1/2	64"	102"

\* Measured from ram attachment to boom end

\*\* Measured at maximum ram extension



4 different boom settings:  
3T, 2T, 1.5T, 1T



## CRANES - HYDRAULIC

### 3 TON - Engine Crane - Heavy Duty

030321 / 218

- Extra heavy duty engine crane with reinforced leg assemblies for added strength and durability
- 4 different boom settings: 3T, 2T, 1.5T, 1T
- Hydraulic ram has built in safety overload to protect the unit from being used beyond its rated capacity
- Large 4.25" rear swivel casters and 6" fixed front wheels provide ease of mobility and positioning
- Shipping Weight: 359 lb (163 kg)

#### Boom Extensions

Position	Capacity (Tons)	Length*	Height**
1	3	32"	70"
2	2	34"	74-1/2"
3	1-1/2	44"	80-1/2"
4	1	56"	82"

\* Measured from ram attachment to boom end

\*\* Measured at maximum ram extension

### 3/4 TON (1,500 lb) - Engine Tilter - Heavy Duty

030341 / 209

- Engine can be tipped to a wide variety of angles for easy removal and installation
- Saves time and labour
- Easily change centre of gravity to make engine removal or installation faster and safer
- Can be used with shop cranes and hoists
- Shipping Weight: 13 lb (6 kg)

### 750 lb - Engine Support

030342 / 238

- Ideal for transverse mounted engines when working on the transmission or when removing engine mounts
- Precisely positions the engine to allow easy transmission removal
- Perfect for front wheel drive vehicles, both 4 and 6 cylinders
- Can be extended to adapt to the width of the vehicle
- Special feature provides height adjustment after having been attached to the engine by means of a worm screw (not intended for lifting engine)
- Shipping Weight: 37 lb (17 kg)