

JACKS

SELECT FROM A WIDE RANGE OF LIFTING JACK PRODUCTS AND MAINTENANCE SETS TO COMPLETE YOUR SYSTEM REQUIREMENTS

- A hydraulic jack is a powerful lifting or pushing tool designed to provide effective lift over greater distances than a basic mechanical jack.
- Non-inflated air jacks are less than 1" thick, making lifting tasks in small spaces seem routine, tonnages up to 75.3 tons.
- Turnkey maintenance sets offer matched hydraulic system components, adapters and hydraulic spreader, contained in a rugged carrying and storage case.
- Specialty hydraulic jacks support post tension, low height or clearance applications.
- Portable high tonnage jacks are totally self-contained, their modular design allows you to change lifting modules to suit your tonnage or height requirements.





	Section / Series	Page Content	Tonnage Range	Pages
	Introduction	Choosing the Right Jack	—	165-166
	9	Sidewinder Mini Jacks	5 - 20	167
		Low Profile Bottle Jacks	12, 20 & 30	168
		Portable Hydraulic Power Bottle Jacks	2 - 110	169
		Telescoping Bottle Jacks	6-13	170
	J	Toe Jacks	5.5, 11 & 27.5	171
		Economy Toe Jacks	2.5 & 10	172
	RJ	Portable Railroad Edition Jacks and Accessories	100	173-174
	JE / JA	Portable High Tonnage Railroad Jacks and Accessories	55, 100, 150	175-176
	IJ	Inflatable Jacks	1 - 75	177-178
	IJ Accessories	Inflatable Jack Accessories	-	179
	IM	Maintenance Sets	10	180
	SK	10 and 25 Ton Start-Up Kits	10 & 25	181-182
	SJ	Post-Tension and Stressing Jacks and Accessories	20 & 30	183-184



SELECTING THE RIGHT JACK:

Step 1: Select the style jack that best suits the application and your intended lift.

Step 2: How much clearance, or open space, is available? What is the minimum height?

Step 3: How much lift, or extension, is required for the load? What is the tonnage needed?

JACK SIZING CONSIDERATIONS:

1. What do you need to lift?

Depending on the vehicle or machine you need to lift, you will require appropriate equipment. You don't lift a 20 ton truck with the same equipment you would use to lift a 2 ton vehicle.

To choose the right fit, first look at the hydraulic jack capacity. Today, on the market, you can find various sizes of hydraulic jacks, with a lifting capacity going from 1 ton to 300 tons, and even more.

2. What is the free space available?

The best jack in the world is useless if you can't place it under the load. Nowadays, application start height is getting lower and lower, requiring a more compact equipment.

Ground clearance is an important parameter to consider, you need to be able to place the jack without damaging the load.

3. What is the maximum lifting height you would need?

To make the best choice, compare the number of strokes and maximum height of each hydraulic jack.

In addition, ask the how many extensions are available with the hydraulic jack. Some of the equipment has 1 or 2 additional extensions, which will cover more applications with the same equipment.

JACK SERIES:

Hydraulic Bottle Jacks

Choose from this complete line of premium quality, standard bottle jacks. Ideal for use in any number of industrial lifting and pushing applications.

Tonnage Range: 2-110





Inflatable Jacks

Inflatable jacks are easy to use, low maintenance, and lightweight enough to be carried under your arm and moved around in any type of equipment, ideal for mining, vehicle and forklift equipment maintenance and many other uses where your start up height is under a couple of inches.

Non-inflated jacks are less than 1" thick, making lifting tasks in small spaces seem routine.

Tonnage Range: 1.1 - 75.3



Maintenance Sets

Matched hydraulic system components, adapters and a hydraulic spreader, contained in a rugged carrying and storage case. Portable sets are ideal for pushing, pulling, lifting, straightening, or clamping at remote job sites.

Types: Manual or electric drive maintenance sets

Tonnage Range 10 - 25



Portable High Tonnage Jacks

Totally self-contained, modular design allows you to change lifting modules to suit your tonnage or height requirements.

Tonnage Range: 55 - 300

Model Shown:

9210A, 9220A, 9105A, 9205A



Features

COMPACT SIDEWINDER MINI JACK FITS IN YOUR PALM AND DELIVERS 5, 10 & 20 TONS OF LIFTING FORCE.

- Retracted height of just 2.56" for the smallest jack and 5.13" for the 20 ton, allows you to slip this jack into the narrowest of crevices.
- Jacks operate either horizontally or vertically. Handles function in line with base for easier use in confined spaces.
- The perfect addition to any toolbox, this remarkable little jack has multiple uses that are limited only by your imagination. Use it as a jack, or a spreader. Use it to turn your mechanical gear puller (note: puller capacity must match jack capacity) into a hydraulic puller.
- High strength piston and pump linkage for long life.
- All models include over-travel protection.
- Lever Bar included on all models.
- All jacks meet ASME B30.1 standards and carry the Power Team PowerThon™ Lifetime Warranty.

9105A Sidewinder jack is the ideal choice for straightening this crushed box steel .



Jacks

Ordering Information

Order Number	Cap. (tons)	Stroke (in.)	Retracted Height (in.)	Max. Height (in.)	No. Pump Strokes to Ext. Piston	Saddle Dia. (in.)	Base Size Dia. (in.)	Pump Handle Length (in.)	Handle Effort at Rated Cap. (lbs.)	Carry Handle	Prod. Wt. (lbs.)
9105A	5	0.75	2.50	3.38	30	1.14	2.91	9.44	57	No	4.20
9205A	5	1.50	3.50	5.13	38	1.14	2.91	9.44	57	No	5.30
9210A	10	1.19	4.75	5.88	36	1.66	4.33	17.33	62	No	12.10
9220A	20	1.19	5.13	6.31	46	2.08	4.72	23.81	77	No	17.60

Model Shown:
9012A, 9020A, 9130A



Features

THE RIGHT CHOICE FOR THOSE LOWER CLEARANCE JOBS OR APPLICATIONS

- All the quality, features and lifting capacity of the standard jacks in short form. The 12 ton and 20 ton models feature screw extensions for added versatility.
- All jacks operate both vertically and horizontally for use in a variety of lifting, pushing and spreading applications.
- Large base area for increased strength and stability during lifting.
- High strength piston and pump linkage for long life.
- All models include over-travel protection.
- Lever Bar included on all models.
- All jacks meet ASME B30.1 standards and carry the Power Team PowerThon™ Lifetime Warranty.

9130A Low Profile Hydraulic Bottle Jack provides the lifting capacity and low height for this underground mining application.



Jacks

Ordering Information

Order Number	Cap. (tons)	Stroke (in.)	Retracted Height (in.)	Length of Screw Ext. (in.)	Height with Screw Ext. (in.)	No. Pump Strokes to Ext. Piston ‡	Saddle Dia. (in.)	Base Size (in.)	Pump Handle Length (in.)	Handle Effort at Rated Cap. (lbs.)	Carry Handle	Prod. Wt. (lbs.)
9012A	12	3.75	6.75	3	13.50	26	1.88	6.50 x 4.19	23.81	60	Yes	14.00
9020A	20	3.38	7.13	1.56	12.00	22	2.00	7.19 x 5.06	31.50	70	Yes	22.22
9130A	30	3.13	7.13	—	10.25	35	2.38	7.56 x 5.56	39.38	50	Yes	30.20

‡ 2 Speed: Rapid advance≈40 strokes; Lift mode≈160 strokes.

Model Shown:

9030A, 9008A, 9112A



Features

IDEAL FOR INDUSTRIAL LIFTING AND PUSHING APPLICATIONS FOR MRO

- Choose from this complete line of premium quality bottle jacks. Ideal for use in any number of industrial lifting and pushing applications.
- The 9110B, 9015B, 9022B and 9033B feature a beveled base which allows the jack to “follow” the load, reducing the chance of dangerous side-loading.
- Jacks feature a screw extension for quicker setup.
- High strength piston and pump linkage for long life.
- All models include over-travel protection.
- Lever Bar included on all models. All jacks can be used in the vertical, angled or horizontal positions.
- Serrated or contoured saddles help stabilize the load for a safer lift.
- 110 ton jack features dual pumps for time-saving two-speed operation.
- All jacks meet ASME B30.1 standards and carry the Power Team PowerThon™ Lifetime Warranty.

Jacks

Ordering Information

Order Number	Cap. (tons)	Stroke (in.)	Retracted Height Min. (in.)	Length of Screw Ext. (in.)	Height with Screw Ext. (in.)	No. Pump Strokes to Ext. Piston	Saddle Dia. (in.)	Base Size (in.)	Pump Handle Length (in.)	Handle Effort at Rated Cap. (lbs.)	Carry Handle	Prod. Wt. (lbs.)
9002A	2	4.50	7.13	1.94	13.56	5	1.00	4.69 x 2.56	12.25	75	No	4.80
9003A	3	4.50	7.50	2.38	14.38	10	1.13	4.50 x 2.84	19.25	45	No	5.80
9005A	5	4.75	7.88	2.75	15.38	12	1.38	5.19 x 3.00	21.44	55	No	8.00
9008A	8	4.75	7.88	2.75	15.38	18	1.50	6.00 x 3.50	23.81	75	No	12.1
9112A	12	5.88	9.50	3.13	18.50	26	1.88	6.50 x 4.19	23.81	60	Yes	17.50
9015B	15	6.13	9.06	4.50	19.88	27	2.38	5.13 x 5.50 †	27.56	90	No	18.30
9120A	20	6.25	10.63	3.63	20.50	22	2.00	7.19 x 5.06	31.50	70	Yes	28.50
9022B	22	6.13	9.44	4.31	20.50	36	2.38	6.50 x 6.31 †	27.56	90	Yes	23.60
9030A	30	6.25	11.00	—	17.25	35	2.38	7.56 x 5.56	39.38	50	Yes	41.20
9033B	33	5.63	9.44	4.19	19.75	56	2.56	7.25 x 6.94 †	27.56	88	Yes	32.00
9050A	50	6.75	12.00	—	18.75	36	3.00	9.31 x 7.38	39.38	85	Yes	78.00
9110B	110	6.13	11.81	—	17.94	40/160 ‡	4.38	13.38 x 11.44	27.56	79	Yes	154.30

† Comes with a Beveled Base.

‡ 2 Speed: Rapid advance≈40 strokes; Lift mode≈160 strokes.

Model Shown:
9006X, 9011X, 9013X



Features

THE RIGHT CHOICE FOR THOSE LOWER HEIGHT APPLICATIONS FOR MRO.

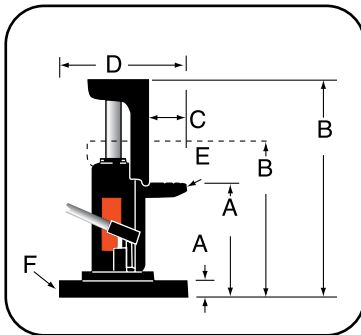
- Telescoping jacks offer all of the quality features and capabilities of the standard bottle jack line with a bonus. The super-long stroke of these jacks saves time and effort by eliminating the need to lift or crib. In most applications, the user can place the jack once and complete the lift.
- The 9006X, 9011X and 9013X all feature a unique beveled base that allows the jack to “follow” the load laterally as it is raised, greatly reducing side-loading of the piston.
- High strength piston and pump linkage for long life.
- All models include over-travel protection.
- Lever Bar included on all models.
- All jacks meet ASME B30.1 standards and carry the Power Team PowerThon™ Lifetime Warranty.

Ordering Information

Order Number	Cap. (tons)	Stroke (in.)	Retracted Height (in.)	Length of Screw Ext. (in.)	Height with Screw Ext. (in.)	No. Pump Strokes to Ext. Piston	Saddle Dia. (in.)	Base Size Beveled Base (in.)	Pump Handle Length (in.)	Handle Effort at Rated Cap. (lbs.)	Carry Handle	Prod. Wt. (lbs.)
9006X	6	12.00	8.50	—	20.50	14	1.75	4.75 x 5.25	27.56	79	No	14.00
9011X	11	10.30	7.88	2.69	20.88	25	1.63	6.31 x 6.50	27.56	88	No	19.50
9013X	13	10.00	9.06	3.31	22.44	35	1.88	6.94 x 7.31	27.56	79	Yes	25.00

Model Shown:

J24T, J55T, J106T



Jacks

Features

LOW HEIGHT INDUSTRIAL LIFTING AND PUSHING APPLICATIONS.

- These bottle jack-style toe jacks are loaded with many of the same features as our standard bottle jacks, but the toe-lift feature and swiveling pump handle socket make them ideal for machinery lifting and positioning.
- An internal pressure relief provides added safety by limiting the jack's lifting capability to the capacity of the toe.
- Spring return is an added feature on the J55T and J106T jacks.
- Swiveling pump handle assembly available on the 5 and 10 ton models. The swiveling jack assembly allows you to access and pump the unit from numerous positions.
- High strength piston and pump linkage for long life.
- All models include over-travel protection.
- Lever Bar included on all models.
- All jacks meet ASME B30.1 standards and carry the Power Team PowerThon™ Lifetime Warranty.

Technical Dimensions

Order Number	Ret.	Ext.	Ret.	Ext.	C	D	E	F
	A		B					
	(in.)	(in.)	(in.)	(in.)				
J24T	0.63	5.50	9.25	14.00	1.88	7.13	2.00	4.94
J55T	1.00	5.88	11.50	16.38	1.88	10.13	3.00	7.25
J106T	1.25	7.13	12.88	18.75	2.50	11.50	3.94	9.50

Ordering Information

Order Number	Cap.	Max. Lift Stroke	Strokes to Ext. Piston	Handle Effort at Max. Load	Carry Handle	Prod. Wt.
	(tons)	(in.)	(1 in.)	(lbs.)		(lbs.)
J24T	2	4.75	14	42.00	Yes	18.30
J55T	5	4.88	22	60.00	Yes	53.00
J106T	10	5.88	31	73.00	Yes	83.80

Model Shown:

J259T, J1095, J58T

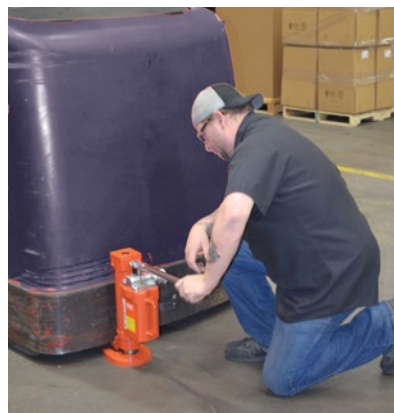
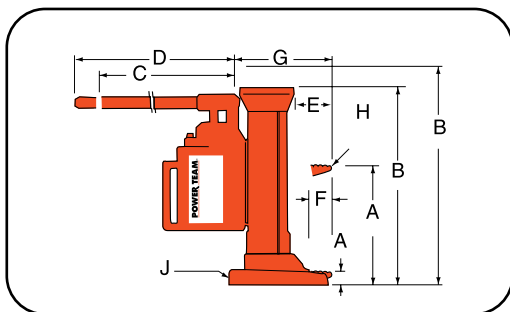


Features

HEAVY-DUTY, LOW HEIGHT INDUSTRIAL LIFTING AND PUSHING APPLICATIONS.

- With lifting points on the toe and on the top, these extremely rugged jacks are ideal for machine lifting, rigging, lift truck service and much more.
- Choose from 5.5 ton, 11 ton, or the 27.5 ton lifting capacity.
- All jacks operate both vertically and horizontally.
- Base, toe and pumping assembly swivel independently, allowing the jack to work in confined areas.
- High strength piston and pump linkage for long life.
- Lever Bar included on all models.
- All jacks meet ASME B30.1 standards and carry the Power Team PowerThon™ Lifetime Warranty.

▶ J58T hydraulic toe jack is the perfect choice for the pallet jack application.



Technical Dimensions

Order Number	Ret.	Ext.	Ret.	Ext.	C	D	E	F	G	H	J
	A		B								
	(in.)	(in.)	(in.)	(in.)							
J58T	1.06	9.38	14.75	23.00	14.50	17.75	2.81	2.19	6.94	1.63	5.13
J109T	1.06	10.38	16.50	25.75	14.50	17.75	3.00	2.19	7.22	2.50	6.75
J259T	2.13	11.38	19.88	29.06	8.25	29.75	5.75	4.00	10.50	3.50	10.63

Ordering Information

Order Number	Cap.	Max. Lift Stroke	Strokes to Ext. Piston	Handle Effort at Max. Load	Carry Handle	Prod. Wt.
	(tons)	(in.)	(1 in.)	(lbs.)		(lbs.)
J58T	5.50	8.25	8.00	83.90	Yes	43.00
J109T	11.00	9.25	13.00	88.00	Yes	64.00
J259T	27.50	9.19	21.00	88.00	Yes	203.00

Model Shown:
RJ100T24E



Features

HEAVY-DUTY SELF-CONTAINED INDUSTRIAL LIFTING JACK FOR RAIL MAINTENANCE.

- Wide base cylinder design for stability.
- Double-acting cylinder with locking collar.
- The bottom of the cylinder is a bolted joint, using the base plate as part of the cylinder. This will allow for service of even the oldest or most abused jacks.
- Cribbing storage rack location is such that it allows easy access during cribbing placement and removal.
- Jack has a 20 ft. remote pendant for user safety and control.
- Easy to maneuver, large tires and small footprint make it easy to get into tight spaces.
- Adjustable handle, allows the user to easily to position the jack under loads.

Technical Specifications

Type of Pump	Low Pressure Pump		High Pressure Pump		Current Draw at Max. Internal Relief Settings (amps)	Unload Pressure (psi.)	Internal Relief Pressure (psi.)	Tank (gal.)	Valving
	Flow (cu. in. / min.)	Pressure (psi.)	Flow (cu. in. / min.)	Pressure (psi.)					
Electric	440	440	48	10,000	25	540 - 780	10,000	2	4-Way / 3-Pos. Tandem Center Manual
Air	330		30		NA				

Jacks

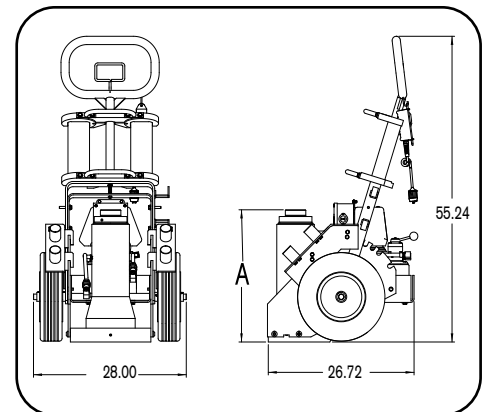
Ordering Information

Order Number	Description	Stroke (in.)	Retracted Height
			A (1 in.)
RJ100T24E	Jack, 100 Ton RR 24" Ret, Elect	14	24
RJ100T37E	Jack, 100 Ton RR 37" Ret, Elect	27	37
RJ100T24A	Jack, 100 Ton RR 24" Ret Air	14	24
RJ100T37A	Jack, 100 Ton RR 37" Ret Air	27	37
RJ100T24A-C*	Jack, 100 Ton RR 24" Ret Air w/Crib Block	14	24
RJ100T24E-C*	Jack, 100 Ton RR 24" Ret Elect w/Crib Block	14	24
RJ100T37A-C*	Jack, 100 Ton RR 37" Ret Air w/Crib Block	27	37
RJ100T37E-C*	Jack, 100 Ton RR 37" Ret Elect w/Crib Block	27	37
RJ100T24A-E**	Jack, 100 Ton RR 24" Ret Air w/Ext	14	24
RJ100T24E-E**	Jack, 100 Ton RR 24" Ret Elect w/Ext	14	24
RJ100T37A-E†	Jack, 100 Ton RR 37" Ret Air w/Ext	27	37
RJ100T37E-E†	Jack, 100 Ton RR 37" Ret Elect w/Ext	27	37

* C models include RJ-CB-S crib set

** 24" - E models include RJ-EXT-S1 set

† Shipping weights 37" - E version includes RJ-EXT-S set



EXTENSIONS



Order No.	Description
RJ-EXT18	Assembly, Extension 18 in. 100 Ton RR Jack
RJ-EXT14	Assembly, Extension 14 in. 100 Ton RR Jack
RJ-EXT11	Assembly, Extension 11 in. 100 Ton RR Jack
RJ-EXT9	Assembly, Extension 9 in. 100 Ton RR Jack
RJ-EXT7	Assembly, Extension 7 in. 100 Ton RR Jack
RJ-EXT5	Assembly, Extension 5 in. 100 Ton RR Jack
RJ-EXT-S	Set, Extensions 100 Ton RR Jack 5, 7, 9
RJ-EXT-S1	Set, Extensions 100 Ton RR Jack 5, 11, 18

CRIBBING BLOCKS



Order No.	Description
RJ-CB10	Assembly, Crib Block 10 in. 100 Ton RR Jack
RJ-CB5	Assembly, Crib Block 5 in. 100 Ton RR Jack
RJ-CB3	Assembly, Crib Block 3 in. 100 Ton RR Jack
RJ-CB1	Assembly, Crib Block 1 in. 100 Ton RR Jack
RJ-CB-S	Set, Crib Blocks 100 Ton RR Jack 1, 3, 5, 10

SPACERS



Order No.	Description
RJ-SP-1	Spacer, 1 in.
RJ-SP-2	Spacer, 2 in.
RJ-SP-3	Spacer, 3 in.
RJ-SP-S	Spacer Set 100 ton RR Jack 1, 2, 3

SWIVEL CAPS



Order No.	Description
RJ-SC-1	Assembly, Swivel Cap 100 Ton RR Jack
RJ-SC-2	Assembly, Swivel Cap 100 Ton RR Jack Long

Jacks

Model Shown:

JEM5526, PMA55S, PME55S



Air pump and cart module.

Electric pump and cart module.

Features

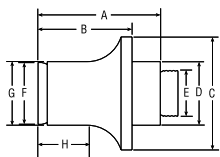
PORTABLE AND COMPACT, IDEAL FOR LOCOMOTIVE/RAIL CAR, MINING AND HEAVY EQUIPMENT MAINTENANCE.

- Modular design allows you to change lifting modules to suit your tonnage or height requirements.
- Select the collapsed height to fit your most frequent application and add jacking modules to suit your needs.
- Exclusive load control system provides positive, chatter-free control when lowering the load.
- Remote operation for maximum operator safety and control, motor or/an valve options.
- Easy to maneuver with large tires and small "footprint" make it easy to scoot into the tightest quarters.
- Adjustable, heavy-duty handle makes this jack easy to move, position under vehicles.
- Shielded and sheltered hydraulic lines for safer, longer, trouble-free service.

Jacks

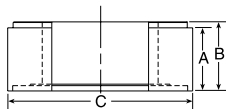


JACK MODULE EXTENSION



Order Number	Cap. (tons)	A	B	C	D	E	F	G	H	Prod. Wt. (lbs.)
		(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	
58945	55	8.81	6.81	5.00	2.63	1 11/18-8UNC	2.50	2.63	3.63	21.00
58943	100	9.00	7.00	6.88	3.88	2 3/4-12UNC	3.75	3.88	3.75	40.00
58944	150	8.63	6.63	8.00	4.50	3 1/4-8UNC	4.38	4.50	3.50	50.00

CRIBBING BLOCK SETS - INCLUDES ONE JACK MODULE EXTENSION



- Convert jack module into stable mechanical cribbing device.
- Increases total stack height up to 20.50".

Order Number	No. in Set	Cap. (ton)	A	B	C	Jack Module Ext. (in.)	Total Stack Height (in.)	Prod. Weight. (lbs.)
			(in.)	(in.)	(in.)			
CBS55	1	55	1.50	1.75	5.50	6.81	20.31	36.00
	4		3.00	3.25				
CBS100	1	100	1.50	1.75	7.38	7.00	20.50	68.00
	4		3.00	3.25				
CBS150	1	150	1.50	1.75	8.75	6.63	20.13	85.00
	4		3.00	3.25				
CBS200	1	200	1.50	1.75	10.00	6.63	20.13	105.00
	4		3.00	3.25				



Pump Module, include Remote Pendant

Pump	Motor Only	Motor & Valve
Air	PMA55	PMA55S
Electric	PME55	PME55S
Electric	PME355	PME355S
Air	PMA355	PMA355S

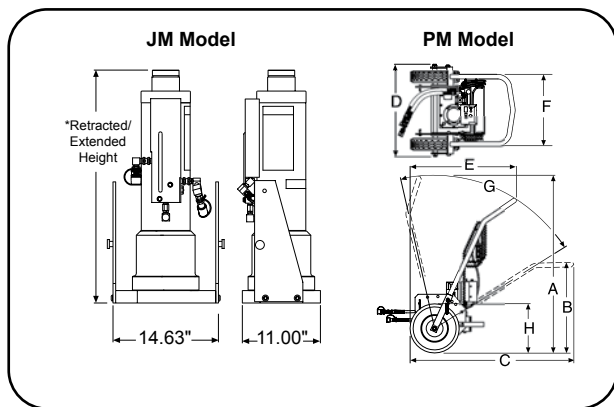


Jack Modules

Tonnage	Cylinder Stroke	Collapsed Height		
		26"	33"	45"
55	13.13	JM25	JM35	JM45
100	13.13	JM210	JM310	JM410
150	18.13	JM215 †	JM315	JM415
200	18.13	JM220 *	JM320	JM420
300	13.13	Contact Factory		

* Collapsed height; 28" and stroke 13.13"

† Stroke 13.13".



PUMP & CART MODULES

Pump and cart modules contain hydraulic pump, cart, remote control and all hoses and fittings required to connect to a jack module.

JACK MODULES

Jack modules easily separate from the pump and cart module.



Jacks

Technical Dimensions

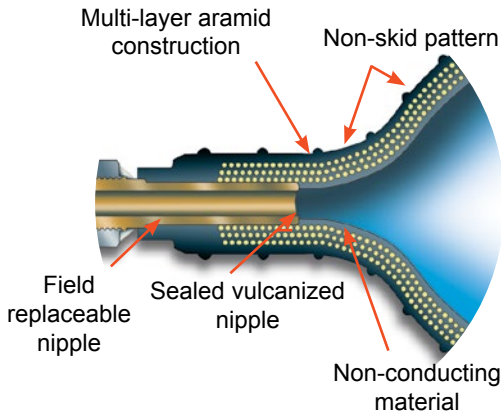
Model Series	A	B	C	D	E	F	G *	H
	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(deg.)	(in.)
PMA PME	57.88	29.62	53.25	30.00	34.31	23.38	70°	16" Tire Dia.

* Total range with varying degree increments.

Ordering Information - Complete with Pump and Jack Modules, Fully Assembled

Order Number	Cap. (tons)	Retracted Height (in.)	Extended Height (in.)	Stroke (in.)	Pump Type	Power Required	Valve Type	Remote Control
JEM5526	55	26.00	39.13	13.13	Electric	25 amps	Manual	Motor Only
JAM10033	100	33.00	46.13	13.13	Air	50 CFM @ 80 ps	Manual	Motor Only
JAR10033	100	33.00	46.13	13.13	Air	50 CFM @ 80 psi	Air Pilot	Motor & Valve
JEM15026	150	26.00	39.13	13.13	Electric	25 amps	Manual	Motor Only
JAM15033	150	33.00	46.13	13.13	Air	50 CFM @ 80 psi	Manual	Motor Only

Model Shown:
IJ2211T



► The non-skid reinforced inflatable jack is perfect for many applications.



Features

LOW HEIGHT, HEAVY-DUTY INDUSTRIAL INFLATABLE AIR JACKS.

- Non-inflated jacks are less than 1" thick, making lifting tasks in small spaces seem routine.
- Constructed of non-conducting, high quality rubber material with multi-layer aramid fiber reinforcement.
- The top and bottom surface of the jack has a skid resistant, interlocking pattern to assist in alignment of two jacks being used together.
- Heavy attachment handles are provided on the two largest jacks for attachment of a rope or hook to help in positioning the jack.
- The jacks can be used at ambient temperatures of -4°F to +122°F (-20°C to + 50°C).
- The controller, shut-off and air hoses are all equipped with an industrial interchange style quick-disconnect air coupler. Female half coupler bodies have a locking collar to help the operator avoid accidentally disconnecting the jack while under load.
- Single jack controller with "dead man" control (part no. 350090) can be used individually, or in multiples to regulate the number of jacks desired.



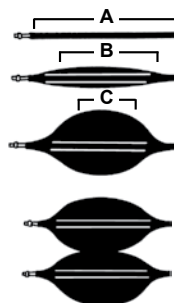
Safety Hints

BE SAFE!

- INSPECT BEFORE AND AFTER EACH USE.
- REPLACE IF ANY SIGNS OF DEGRADATION OR WEAR THAT MAY AFFECT SAFETY OR PERFORMANCE.
- KEEP THE PRODUCT CLEAN.
- STORE PROPERLY.



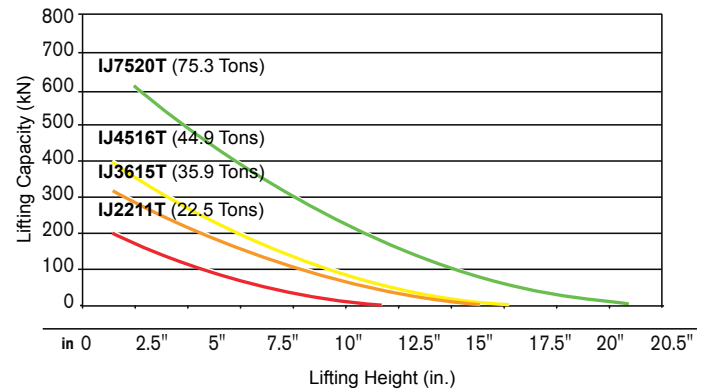
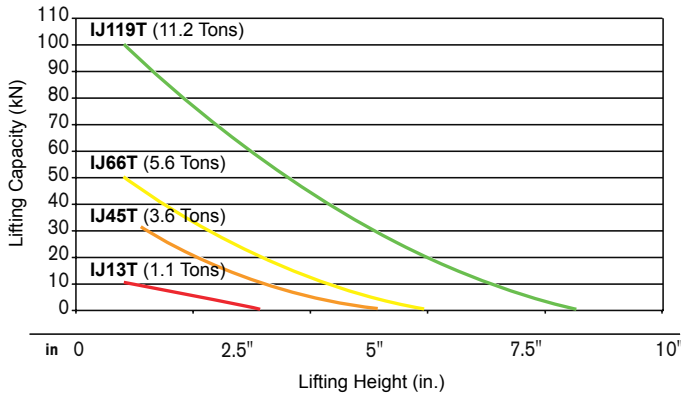
Maximum Effective Lifting Area



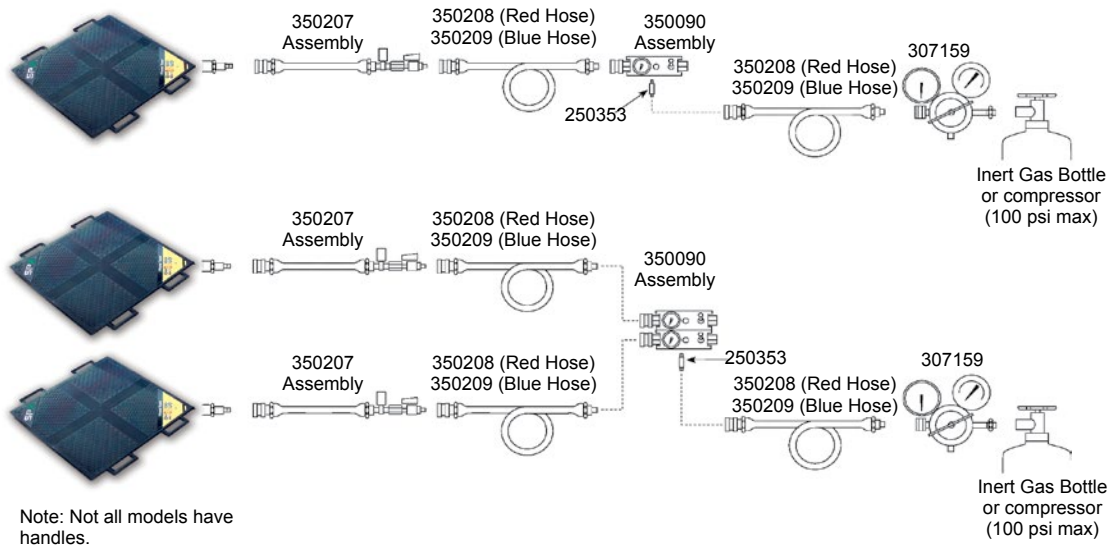
All lifting capacities mentioned in the charts are measured at the maximum effective lifting area (A). As the jack is inflated (B), this effective area decreases (C) due to the rounded shape of the jack. Lifting capacity also decreases (see performance chart).

Stack up to two jacks together to increase effective lifting height.

Performance Specifications



Typical Set-Up



Ordering Information

Order Number	Lifting Cap. (lbs.)	Lifting Height (in.)	Air Volume (cu. ft.)	Water Volume (gal.)	Length (in.)	Width (in.)	Thickness (in.)	Prod. Wt. (lbs.)
IJ13T	2,248	3.1	0.12	0.18	6.00	6.00	0.87	1.30
IJ45T	7,194	5.1	0.57	.048	9.00	9.00	0.87	3.30
IJ66T	11,240	5.9	0.80	0.66	11.00	11.00	0.87	4.40
IJ119T	22,480	8.5	2.70	2.24	15.00	15.00	0.98	9.00
IJ2211T	44,960	11.4	6.67	5.55	20.00	20.00	0.98	15.50
IJ3615T	71,930	15.0	15.89	13.00	26.00	26.00	0.98	29.00
IJ4516T*	89,920	15.9	19.70	16.38	28.00	28.00	0.98	33.00
IJ7520T*	150,610	20.5	42.59	35.40	36.00	36.00	0.98	53.00

* Included molded carry handles.

PRESSURE REDUCING VALVE



Order No.	Description
307159	Pressure reducing valve. Allows use of bottled gases to operate jacks (works on CGA-580 Nitrogen/Argon/Helium bottles). Contains standard bottle fitting on inlet and 1/4" industrial interchange female outlet. Wt., 4 lbs.

AIR CONTROLLER - SINGLE JACK



Order No.	Description
350090	Air controller for single jack. Equipped with relief valve and pressure gauge. Wt., 1.9 lbs.

SHUT-OFF HOSE WITH SHUT-OFF VALVE AND PRESSURE RELIEF VALVE



Order No.	Description
350207	Shut-off hose with shut-off valve and pressure relief valve. Includes a female and male quick coupler. Wt., 0.7 lbs.

AIR HOSES



Order No.	Description
350208	Air hose. Red, 30' long., 3/8" I.D., includes 250341 female and 250342 male quick coupler. Wt., 6.0 lbs.
350209	Air hose. Blue, 30' long., 3/8" I.D., includes 250341 female and 250342 male quick coupler. Wt., 6.0 lbs.

FEMALE QUICK COUPLER



Order No.	Description
250343	Female quick coupler. 1/4" industrial interchange x 1/8" NPT female. Wt., 0.1 lb.

MALE QUICK COUPLER



Order No.	Description
250353	Male quick coupler. 1/4" industrial interchange x 1/8" NPT male. Wt., 0.1 lb.

FEMALE QUICK COUPLER



Order No.	Description
250682	Female quick coupler. 1/4" industrial interchange x 1/4" NPT male. Wt., 0.1 lb.

CONNECTOR 1/8" NPT MALE



Order No.	Description
15235	Connector 1/8" NPT male x 1/4" NPT female. Wt., 0.1 lb.

FEMALE QUICK COUPLER



Order No.	Description
250341	Female quick coupler. 1/4" industrial x 3/8" I.D. hose. Wt., 0.5 lb.

MALE QUICK COUPLER



Order No.	Description
250342	Male Quick coupler. 3/8" I.D. Hose. Wt., 0.1 lb.

Model Shown:
IM10E, IM10H



NOTE: Actual storage box may differ from photo.

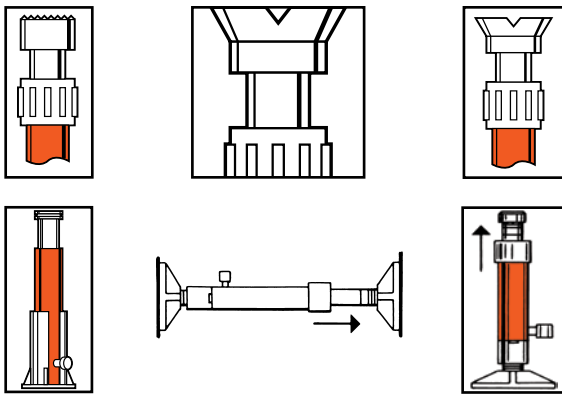
Features

TURNKEY, EXTREMELY VERSATILE MECHANICS MAINTENANCE KIT FITS MANY APPLICATIONS.

- Matched hydraulic system components, adapters and hydraulic spreader, contained in a rugged carrying and storage case.
- Portable sets are ideal for pushing, pulling, lifting, straightening, or clamping at remote job sites.
- Cylinders in set are rated at 10 tons at 10,000 psi. Set components are designed for full rated capacity of cylinders.
- The IM10B comes with a battery powered pump, while the IM10E comes with an electric pump. Both come with two 10T cylinders. The IM10P/IM10L come with hand pumps and one 10T cylinder.



Application Flexibility



Ordering Information

Order No.	IM10B	IM10E
CONTENTS OF SET	Items Included below	Items Included below
Hydraulic spreader	HS2000	HS2000
Hand pump (electric)	PB102-1	PE102
Hydraulic gauge (10,000 psi)	9041	9041
Tee adapter	9670	9670
Hose & coupler assembly	9754	9754
90° V base	25395	25395
Threaded coupler	25664	25664
Serrated saddle	31772	31772
Flat base	32325	32325
Extension rod - 5" length	350897	350897
Extension rod - 10" length	38909	38909
Extension rod - 18" length	350898	350898
Cylinder support base	420062	420062
Cylinder, 10 ton, 6.13 stroke	C106CBT	C106CBT
Cylinder, 10 ton, 10.13 stroke	C1010CBT	C1010CBT
Storage box	350722	350722
Prod. Weight (lbs.)	106.00	106.00

Order No.	IM10H	IM10L
CONTENTS OF SET	Items Included Below	Items Included Below
Hydraulic spreader	HS2000	HS2000
Hand pump	P59	P59L
Hydraulic gauge (10,000 psi)	9041	9041
Tee adapter	9670	9670
Hose & coupler assembly	9754	9754
90° V base	25395	25395
Threaded coupler	25664	25664
Serrated saddle	31772	31772
Flat base	32325	32325
Extension rod - 5" length	350897	350897
Extension rod - 10" length	38909	32890
Extension rod - 18" length	350898	350898
Cylinder support base	420062	420062
Cylinder, 10 ton, 6.13 stroke	C106CBT	C106CBT
Storage box	350722	350722
Prod. Weight (lbs.)	89.00	81.00

Model Shown:

SK10T



Features

**VERSATILE 10 TON MAINTENANCE KIT
CONVENIENTLY PACKAGED IN A BOX.**

- 10 ton Start-Up Kit covers a range of lifting, shifting, and positioning needs
- Broad range of cylinder types and strokes to fit many applications
- Neatly packaged in a durable, molded storage case to securely house your equipment and is ready to use upon opening
- SK10TE kit is CE Compliant



Storage Case Dimensions



Plastic Molded Case, 31.5"(L) x 20.5"(H) x 11.5"(W).

Jacks

Ordering Information

Order No		Kit Contents			
SK10T	SK10TE	Hand Pump	Usable Oil Cap. (in ³ .)	Volume Per Stroke Low / High Press. (in ³ .)	Weight (lbs.)
X	X	P19L	27	0.25 / 0.05	5.10
		Gauge	Type	Primary Units	Face Diameter (in.)
X		9040	analog	psi	2.50
		Hose	Length (ft.)	Burst Rating	I.D. (in.)
X		9754	6.00	2:1	1/4
		Cylinders	Capacity* Short Tons	Stroke (in.)	Collapsed Height (in.)
X	X	C106C	10	6.00	9.75
X	X	RSS101	10	1.00	3.50
X	X	RH123	12	3.00	7.25
X	X	RLS100	10	0.44	1.75
		Spreader	Min. Clearance (in.)	Max Spread (in.)	Weight (lbs.)
X	X	HS2000	0.56	4.00	4.80
		Case	Material	L x H x W (in.)	Weight w/o Product (lbs.)
X	X	2008632	Heavy-Duty Plastic	31.5 x 20.5 x 11.5	12.70

* Values shown in short tons (2,000 lb). To convert to long tons, multiply by 0.893. To convert to metric tons, multiply by 0.907.

Model Shown:
SK25T



NOTE: Storage cases are not included with the 25 ton startup kits, they must be ordered separately.

Features

THE RIGHT CHOICE FOR THOSE HIGHER TON MAINTENANCE KIT NEEDS.

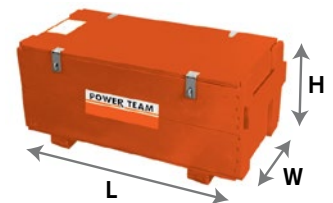
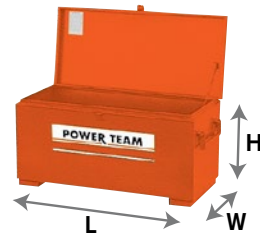
- 25 Ton Start-Up Kit covers a range of lifting, shifting, and positioning needs
- Broad range of cylinder types and strokes to fit many applications
- SK25TE kit is CE Compliant



Optional 25 Ton Storage Cases

MB5

308435OR9



Order No.	Description
MB5	Metal Box Construction, 32" (L) x 19" (W) x 14" (H)
308435OR9	Wooden Box Construction, 36" (L) x 17.5" (W) x 14" (H)

Ordering Information

Order No		Kit Contents			
SK25T	SK25TE	Hand Pump	Usable Oil Cap. (in ³ .)	Volume Per Stroke Low / High Press. (in ³ .)	Weight (lbs.)
X	X	P59L	66	0.72 / 0.15	8.90
		Gauge	Type	Primary Units	Face Diameter (in.)
X		9040	analog	psi	2.50
		Hose	Length (ft.)	Burst Rating	I.D. (in.)
X		9754	6.00	2:1	1/4
		Cylinders	Capacity* Short Tons	Stroke (in.)	Collapsed Height (in.)
X	X	C256C	25	6.00	10.75
X	X	RSS302	30	2.00	4.63
X	X	RH302	30	2.00	6.25
X	X	RLS300	30	0.50	2.31
		Spreader	Min. Clearance (in.)	Max Spread (in.)	Weight (lbs.)
X	X	HS2000	0.56	4.00	4.80

* Values shown in short tons (2,000 lb). To convert to long tons, multiply by 0.893. To convert to metric tons, multiply by 0.907.

Model Shown:
SJ2010, SJ3010



>Features

ONE OF THE MOST DURABLE MONO-STRAND JACKS IN THE INDUSTRY.

- Ideally suited for work on slab-on-grade where dirt, heat and high volume use take their toll.
- Available in single or double-acting models.
- Standard single-acting units have a 10" stroke.
- Standard double-acting units have an 8.5" stroke.
- Service repair is simple and components are long lasting and easily replaced.
- 3" detachable seater nose assembly easily replaced with optional 6" nose assembly.
- The jack of choice for high-rise and elevated work, thanks to fast return time and light weight.
- All hydraulic fluid controls are internal for more efficient and safer operation during tensioning and retraction.



Optional Dead-end Seater

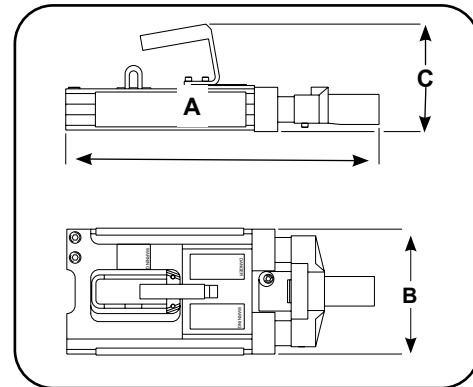
Dead-end seaters for production work and field work available on special order. (Part #400120)

▶ Multi-strand post-tensioning application.



▶ Technical Dimensions

Order No.	A	B	C	Wt. (lbs.)
	(in.)	(in.)	(in.)	
SJ2010	21.00	9.00	6.50	55.00
SJ2010P	22.00	10.20	7.00	76.00
SJ3010	22.00	10.20	7.00	76.00
SJ3010P	22.00	13.20	7.00	76.00
SJ2010DA	18.50	7.50	6.50	42.00
SJ3010DA	18.50	8.50	6.50	52.00



▶ Ordering Information

Order Number	Cap. (tons)	Stroke (in.)	Oil Cap. (cu. in.)	Strand Dia. (in.)	Seater Type (in.)	Int. Press. at Cap. (in.)	Tons at 10,000 psi	Description	Recommended Pumps for this Stressing Jack	Prod. Wt. (lbs.)
SJ2010	20	10.00	45.2	0.375 - 0.50	Spring	8,948	22.4	Post-tension jack with spring seater, 0.50" strand.	PE554P/PE604T	55.00
SJ2010P	20	10.00	45.2	0.375 - 0.50	Power	8,948	22.4	Post-tension jack with power seater, 0.50" strand.	PE554PT/PE604PT	55.00
SJ2010DA	20	8.50	53.0	0.375 - 0.50	Power	7,575	26.4	Double-acting post-tension jack with power seater, 0.50" strand.	PE554PT/PE604PT	42.00
SJ3010	30	10.00	63.6	0.375 - 0.60	Spring	9,549	31.4	Post-tension jack with spring seater, 0.60" strand.	PE554P/PE604T	76.00
SJ3010P	30	10.00	63.6	0.375 - 0.60	Power	9,549	31.4	Post-tension jack with power seater, 0.60" strand.	PE554PT/PE604PT	76.00
SJ3010DA	30	8.50	67.6	0.375 - 0.60	Power	7,554	39.7	Double-acting post-tension jack with power seater, 0.60" strand.	PE554PT/PE604PT	52.00

Jacks

STRESSING JACK ACCESSORIES AND HOSES

Used with Stressing Jack	3" Nose Piece #	3" Wedge Seater #	6" Nose Piece	6" Wedge Seater #	3/8" Dia. Gripper Set #	7/16" Dia. Gripper Set #	1/2" Gripper Set #	19/32" Gripper Set #	Replacement Gripper Handle #	Gripper Retainer Plate # (2 used)
SJ2010	252564	252562	252759	252763	252568	252761	252567	NA	252570	252565
SJ2010P	252564	252562	252759	252763	252568	252761	252567	NA	252570	252565
SJ2010DA	252543	252542	252760	252764	252650	252762	252555	NA	252556	252544
SJ3010	252564	252562	252759	252763	252568	252761	252567	252569	252570	252565
SJ3010P	252564	252562	252759	252763	252568	252761	252567	252569	252570	252565
SJ3010DA	253363	253361	253364	253362	253390	NA	253391	253365	252556	252544