

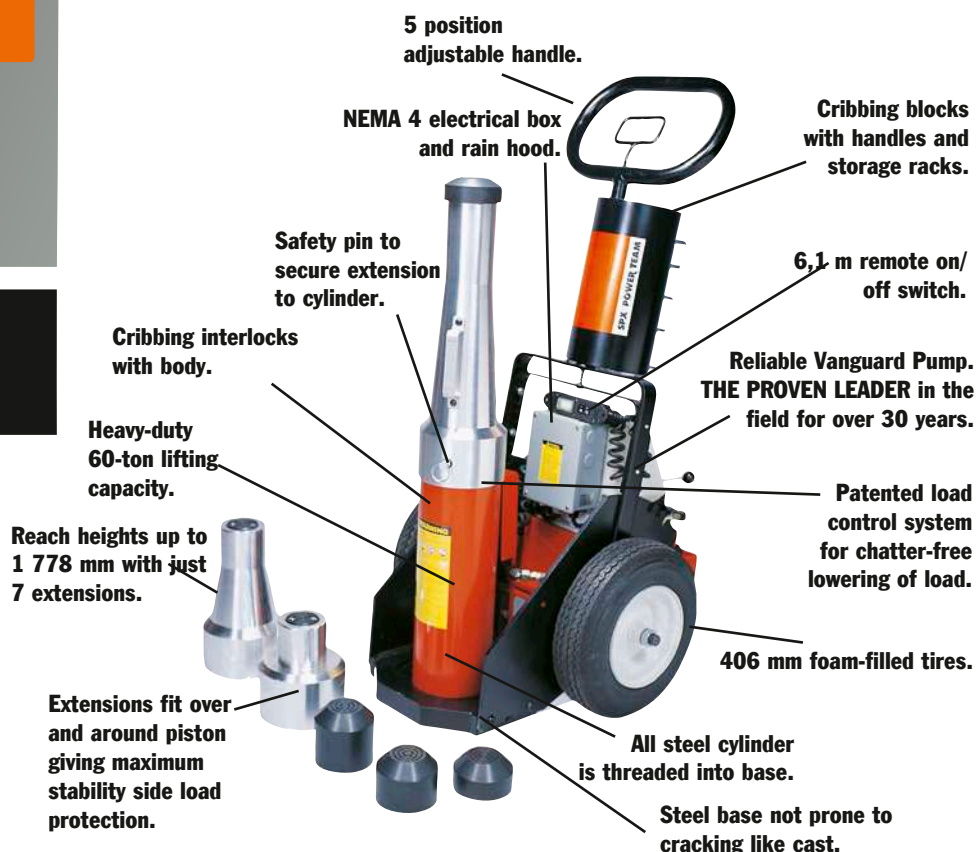


Portable HIGH TONNAGE JACKS

60-100 Ton Railroad Edition

Portable & compact, ideal for locomotive and railcar maintenance.

JACKS



- Patented load lowering valve. Lowers load smoothly and safely. Eliminates dangerous chatter and bounce.
- Full range of rod extensions. Jack comes fully equipped with extensions to match lifting pad heights on most rolling stock. Max. lifting height to 1 778 mm .
- Low collapsed height, long stroke. 610 mm collapsed height for low-clearance lift pads. 360 mm stroke for maximum lift.
- Adjustable, ergonomic handle. Handle tilts to start the job and is easily locked/unlocked without moving from operating position.
- NEMA 4 electrical box and rain hood. Pump motor and controls protected from water. Quiet operation.
- Cribbing block set with handles and convenient storage rack. Provides solid mechanical load holding.
- High-profile, low rolling resistance, foam-filled tires. Jack can be moved and positioned with minimal effort. No chance of downtime due to punctured tires.
- Electric and air motor options. Quiet, powerful air and electric motor powered units available.

POWER UNIT SPECIFICATIONS

Order No.	Motor	Power Req.	Motor Control	Valve Function	Power Cord	dBa at 700 bar
PLE6014-220	0,84 kW, 220 VAC***, 50 Hz Single Phase	12 amps	6,1 m Remote Control	Lift Hold Lower Manual	Pigtail	80/95
PLA6014	Rotary Air Powered	1,4 cu.m at 6 bar	6,1 m Remote Air Control	Lift Hold Lower Manual	NA	82

*** For 110/115V-50/60 Hz order PLE6014



Electric Model
(PLE6014K)



Air Model
(PLA6014K)

CRIBBING BLOCKS (CBS60, INCLUDED)

Qty.	Height (mm)	Order Number
1	38,1	351954
4	76,2	351953



EXTENSIONS (PL60 EXT, INCLUDED)

Extension Length (mm)	Order Number	Extension Weight (kg)
25,4	351931	2,2
50,8	351927	4,0
76,2	351928	6,4
101,6	351929	8,7
127	66053	9,5
254	66054	13,8
508	66055	22,1

LIFTING RANGE

Lifting range (in 25,4 mm increments): 610 mm- 1.778 mm.

Only 3 extensions are needed to provide this range.

Do NOT exceed 1.778 mm lifting range on 60-ton unit or 1.499 mm on 100-ton unit.

ORDER INFORMATION

Capacity (Tons)	Stroke (mm)	Order Number	Retracted Height (mm)	Extended Ht. w/Extensions (mm)	Product Wt. Less Cribbing & Ext. (kg)
60	356	*PLE6014K	610	1.778	237
60	356	*PLA6014K	610	1.778	237
60	356	*PLE6014K-220	610	1.778	237
100	356	Consult Factory	610	1.499	237

*Includes cribbing block set stored on jack handle rack, and 7 extensions (25,4; 50,8; 76,2; 101,6; 127; 254 and 308 mm)

PLE6014 = Jack, Electric, includes: Cart, Pump & Cylinder

PLE6014-220 = Jack, Electric (220 V.)

PLA6014 = Jack, Air, includes: Cart, Pump & Cylinder

CBS60 = Cribbing Block Set (5 cribbing blocks)

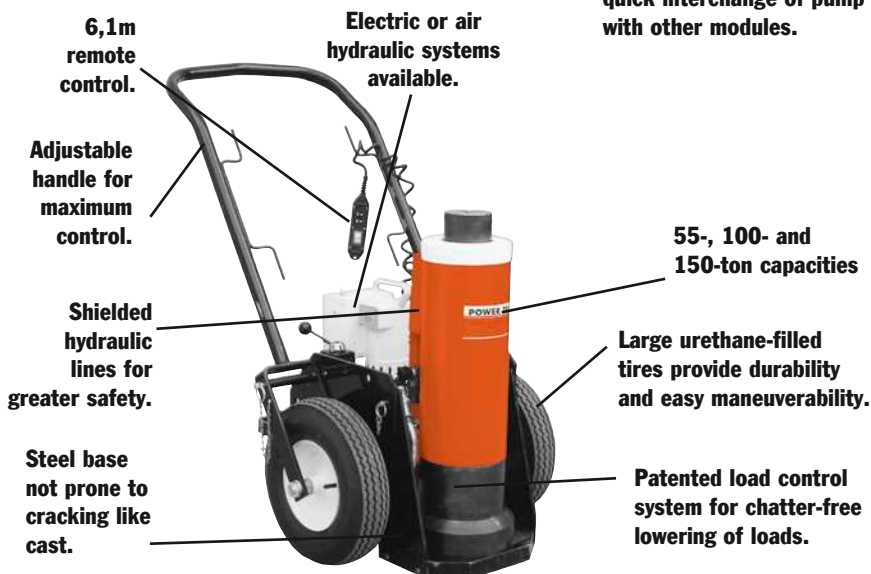
PL60EXT = Extension Set (Consists of 7 extensions)



Portable HIGH TONNAGE

55, 100 &
150 Ton

Portable and compact, ideal for locomotive/railcar, mining and heavy equipment maintenance.

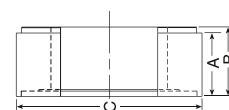


- Modular design - pump and cart separate from cylinder and base.
- Three tonnage capacity options - 55-ton, 100-ton and 150-ton.
- Three collapsed height options - 660, 838 and 1,143 mm.
- Two standard power options - air (PA55) and electric (PE55).
- Two control options - remote motor control and remote valve/motor control.
- Accessory options - 168 mm extension, load-holding rings.
- Select the collapsed height to fit your most frequent application - add jacking modules to suit your needs.
- Remote operation for maximum operator safety and control - choose "motor only" or "motor and valve" control in the hand.
- Easy to maneuver - large tires and small "footprint" make it easy to scoot into the tightest quarters, then locate the exact lifting position.
- Adjustable, heavy-duty handle - makes this jack easy to move, position under vehicles. Can also be used to transport jack on site with a forklift.
- Load-holding rings (optional) - provide full rated mechanical load-holding capability.
- Cylinder extension (optional) - adds more versatility by extending your jack's reach.
- Low-temperature oil (optional) - provides smooth, reliable operation in the coldest climate conditions.
- Modular design - allows you to change lifting modules to suit your tonnage or height requirements. Use the pump module as a portable power station for your other double-acting cylinders (700 bar).
- Exclusive load-control system - provides positive, chatter-free control when lowering the load.
- Shielded and sheltered hydraulic lines - for safer, longer, trouble-free service.

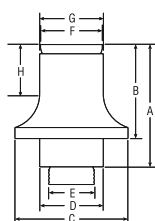
ORDER INFORMATION

CRIBBING BLOCK SETS - INCLUDES ONE JACK MODULE EXTENSION

Order No.‡	55 Ton CBS55		100 Ton CBS100		150 Ton CBS150		200 Ton CBS200	
No. in Set	1	4	1	4	1	4	1	4
A	38,1	76,2	38,1	76,2	38,1	76,2	38,1	76,2
B	44,5	82,5	44,5	82,5	44,5	82,5	44,5	82,5
C	139,7	139,7	139,7	139,7	222,2	222,2	254	254
Jack Module Ext.	173		177,8		168,3		168,3	
Total Stack Ht.	515,9		520,7		512,2		512,2	
Product Wt. (kg.)	16,3		30,9		38,6		47,7	



- Convert jack module into stable mechanical cribbing device.
- Increase retracted height up to 521 mm.



ORDER INFORMATION JACK MODULE EXTENSIONS

(Tons)	No.	A (mm)	B (mm)	C (mm)	D (mm)	E (in.)	F (mm)	G (mm)	H (mm)	Prod. Wt. (kg)
55	58945	223,8	173	127	66,8	1 ¹¹ / ₁₆ -8UN	63,5	66,8	92,2	9,5
100	58943	228,6	177,8	174,7	98,6	2 ³ / ₄ -12UN	95,3	98,6	95,3	18,2
150	58944	219,2	168,4	203,2	114,3	3 ¹ / ₄ -8UNC	111,3	114,3	88,9	22,7

Increases jack's reach.



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. Contact factory on folding handle cart option.



Air pump and cart module.



Electric pump and cart module.

Remote Control		
Pump	Motor Only	Motor & Valve
Air	PMA55	PMA55S
Electric	Consult Factory	PME55S

Jack modules

Jack modules easily separate from the pump and cart module.

Cylinder		Collapsed Height mm		
Tonnage	Stroke	660,4	838,2	1.143
55	333	JM25	JM35	JM45
100	333	JM210	JM310	JM410
150	460	JM215†	JM315	JM415
200	333	JM220*	JM320	JM420

* collapsed height; 711 mm and stroke 333 mm.

† stroke 333 mm.



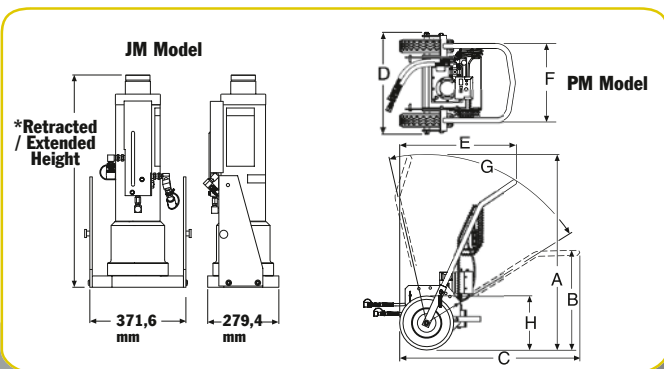
660 mm Jack Module



838 mm Jack Module



1143 mm Jack Module



Dimensions

Model Series	A	B	C	D	E	F	G	H
PMA & PME	1.464	752	1.353	762	872	594	*70°	406 mm
								Tire Dia.

* Total range with varying degree increments.

ORDER INFORMATION – Pump and Cart Modules with Assembled Jack Module

Capacity (tons)	Ret. Height (mm)	Ext. Height (mm)	Stroke (mm)	Pump Type	Power Required	Valve Type	Remote Control	Order No.
55	660,4	994	333	Electric	13/25 amps	Manual	M	JEM5526
100	838,2	1.172	333	Air	1,4 cu m /min at 6 bar	Manual	M	JAM10033
100	838,2	1.172	333	Air	1,4 cu m /min at 6 bar	Air Pilot	M & V	JAR10033
150	660,4	994	333	Electric	25 amps	Manual	M	JEM15026
150	838,2	1.172	333	Air	1,4 cu m/min at 6 bar	Manual	M	JAM15033