

LIFTING TECHNOLOGY

PIT JACK

MPJ 16.5/750 1S HA STOCK
VP 454276



MPJ 16.5/750 1S HA STOCK VP 454276

The suspended pit jack lifts up to 16.5 t. The overhead rail pit jack, with deep-drawn carriage and long 750 mm stroke, is suitable for work with or without axle crossbeams and support systems. Compressed-air rapid control provides fast up and down movement when there is no load. The equipment also includes an air motor for lifting the piston rod under load.

PRODUCT DETAILS/ACCESSORIES

1-stage telescopic, rail-guided, suspended

Description:

Automatic pit jack with pneumatic motor and fast control
Specifically for wheel and brake works and dismantling smaller assemblies in conjunction with axle lifting beams and support systems for trucks and buses with 16.5 t load capacity

Control:

- Efficient fast control for UP and DOWN movement Integrated as standard
- Precision, user-friendly, pneumatic manual control cylinder with magnetic bracket for convenient and flexible quick stroke and load lifting with enlarged view into operator radius
- Delicate and precision lowering of the pit jack with tried (>>) tested system with integrated dead man's control

Design:

- For precise movement, the pit jack is rail-guided at the top edge of the pit

- Guarantees easy movement of the pit jack since all rollers are fitted with needle bearings crossways and lengthways
- Long total stroke of 750 mm to reach high-up units
- The pit jack is fitted with a downward deep-drawn P carriage for integrating an axle lifting beam at any height
- Alternatively, a straight S carriage can be used too
- Variable modular carriage system for various pit widths (700 - 1200mm) in conjunction with different roller versions and clearance degrees for adapting to work pit circumstances
- Corrosion-resistant piston rods thanks to self-lubrication
- High-quality powder-coating protects against corrosive liquids and elevates quality look and feel on a lasting basis

Scope of delivery:

- Pit jack with hydro-pneumatic automatic control system
- Deep-drawn P carriage and rollers for rails
- Standard support lugs 120 x 120 mm
- Operating instructions
- EC conformity certificate
- Colour: Jack base frame RAL 7040
 - Attachments and carriage RAL 7016

TECHNICAL DATA

Load capacity (CE)	16,500 kg
Stroke distance	750 mm
Lifting levels	1
Min. pick-up height from roller slide rail	- 69 mm
Pit jack depth for roller slide rail	1070 mm
Max. lifting height above roller slide rail	681 mm
Slide rail width inner dimensions	700 - 1200 mm
Carriage adjustable range	140 mm
Roller rest width	40 mm
Roller rest incline	8 % / 4.6°

LIFTING TECHNOLOGY

PIT JACK

MPJ 16.5/750 1S HA STOCK
VP 454276



TECHNICAL DATA

Max. parallelism deviation slide rails	10 mm
Roller diameter (at the flange)	80 (95) mm
Support diameter inside/outside	45/70 mm
Piston rod diameter	70 mm
Oil quantity/quality	9.5 l / HLP-D 10
Drive	350 l/min. 11 bar
Operating pressure	254 bar
Weight	239 kg

ACCESSORIES

VZ 975920	Jack-mounted compressed air maintenance unit	VZ 975409	Wooden Lifting Pad, 6 - 16 t Load Capacity, Prismatic Design, MODEL: HP 06-16
VZ 975923	S-carriage for suspended pit jacks up to 16.5 t -EXTRA CHARGE-	VZ 975287	Lifting Pad w. Rubber Surface, 11 t Load Capacity MODEL: RPG 10
VZ 975605	Offset rollers for suspended pit jacks of up to 16.5 t -EXTRA CHARGE-	VZ 975289	Plug-In Extender, L = 100 mm, MODEL: ZS 100/45
VZ 975924	Cylindrical rollers for suspended pit jacks in pit profile rails	VZ 975290	Plug-In Extender, L = 150 mm, MODEL: ZS 150/45
VZ 920092	Adaption pit jack to TRUCKBAY prefabricated pit load capacity (CE) 15,0 t	VZ 975410	Plug-In Extender, L = 200 mm MODEL: ZS 200/45
VZ 975670	Self-locking axle lifting beam with 14.5 t support system MODEL: SAT 14.5-760	VZ 971221	Support Plate Extension 100 mm galvanized (2 pcs.) Diameter of supports 35 mm
VZ 975813	Self-locking axle lifting beam with 14.5 t support system MODEL: SAT 14.5-820	VZ 975330	Support Tube L = 400 mm, Load Capacity: 20 t (Pin Diam. 45 mm)
VZ 975622	Self-locking axle lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK	VZ 975331	Support Tube L = 600 mm, Load Capacity: 20 t (Pin Diameter 45 mm)
VZ 975741	Self-locking axle lifting beam with 14.5 t support system MODEL: SAT 14.5-910L	VZ 975571	Support Tube L = 800 mm, Load Capacity: 15 t (Pin Diameter 45 mm)
VZ 975743	SAT Rollers Retrofit Kit, Spring Mounted, with Plastic Rollers	VZ 975414	Spacer Block for Support Systems TAB (100 x 140 x 450 mm)
VZ 975814	SAT Wheel Deflector Plates (2 pcs)	VZ 975732	Gearbox Plate, Load Cpc. 1.0t Model: GP 1000
VZ 975820	Spacer Block for Support Systems SAT (65 x 110 x 320 mm)	VP 975915	Gearbox Mounting Tool with swivelling flat supports MODEL: GMT 800
VZ 975903	Axle lifting beam up to 15 t Adjustment range max. 1010 mm MODEL: AT 15	VZ 975916	Swivel supports for GMT 800 w. locking function
VZ 975688	Axle Traverse Length Variation	VZ 975917	Angle clamp supports for GMT 800 with rubber pad
VZ 975906	Axle traverse Long for busses, com. vehicles, 16.5t load cap. MODEL: AT 16.5 L1500	VZ 975918	Semicircular flex supports for GMT 800 with rubber pads
VZ 975696	Axle Crossbar Load Capacity 3.5 t Model: ATV 3.5	VZ 975611	Pit crossing continuously adjustable for pits w/o wheel guides
VZ 975925	Support bridge for axle traverses up to 14.5 t load capac. MODEL: TAB 15	VZ 975612	Pit crossing continuously adjustable for pits with wheel guides
VZ 975326	Support Bridge AB w/o Centre Cut-Out up to 14.5 t Load Cpc. MODEL: AB 15	VZ 975613	Railings for pit crossing continuously adjustable
VZ 975686	Support System Version D/F	SUPPLEMENTARY CHARGES	
VZ 975687	Support System Version E	VT 998207	Internal transport -SOUTH Pit, Axle, Gearbox jack Support system (per package)
VZ 975280	Narrow Lifting Pad, 20 t Load Capacity, galvanized, up to 100 mm (Pin Diameter 45 mm)	VT 998208	Internal transport -NORTH Pit, Axle, Gearbox jack Support system (per package)
VZ 975285	Large Lifting Pad, galvanized, Load Capacity 20 t MODEL: GP 175/20	VM 996148	Montagekosten Grubenheber
VZ 975283	Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220	VV 997598	Packaging Suspended pit jack not stackable -EUROPE-
VZ 975569	Pads with mushroom support N with pin diameter 45 mm MODEL: PS-N	VV 997599	Packaging Suspended pit jack stackable -EUROPE/OVERSEAS-
		VV 997601	Packaging Lifting beams, gearbox plates, stackable -EUROPE/OVERSEAS-