LIFTING TECHNOLOGY **PIT JACK**

MPJ 16.5/750 1S TA VP 454274

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The pit jack lifts up to 16.5 t. The pit jack with 750 mm stroke runs on guide rails located underneath. Compressed-air rapid control provides fast movement of the piston rod when there is no load. The equipment also includes an air motor with hand control for lifting the piston rod under load.

PRODUCT DETAILS/ACCESSORIES

1-stage telescopic, rail-guided, floor-running

Description:

Automatic pit jack

with pneumatic motor and fast control Specifically for wheel/brake works 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 guick 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:

- Precision floor-runnable, rail-guided pit jack for easy movement (needle bearings included as standard) of built-on units, including while loaded
- Telescopic carriage for precision adjustment of pit jack lane width to fit the rails in the work pit
- Precision-guided track rollers (flange guided)

- · Optional rollers for U profile or wall-guided with flat steel possible
- Secure jack holding brake in transverse direction across the work pit
- Almost unobstructed passage through the work pit thanks to floor-running carriage
- Punch mount can be increased by max. 2 x 200 mm (option for very deep pits)
- Integrated inspection window for checking oil quality and oil quality of the pit jack
- With its non-slip coating the chassis can be used as a secure working platform for ergonomic reasons
- 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
- Carriage with four interior flanged 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. load pick-up height	1189 mm			
Max. lifting height	1939 mm			
Carriage (L x W)	1010 x 760 mm			
Rollers	80 mm (polyamide)			
Support diameter inside/outside	45/70 mm			
Piston rod diameter	70 mm			





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TECHNICAL DATA				
Oil quantity/quality		9.5 I / HLP-D 10		
Drive		350 l/min. 11 bar		
Operating pressure		254 bar		
Weight		193 kg		
ACCESSORIES				
ACCESSORIES - CARRIAGE	VZ 975569	Pads with mushroom support N with pin diameter		
VZ 975920 Jack-mounted compressed air maintenance unit		45 mm MODEL: PS-N		
VZ 975576 Piston support extension for very deep pits 200 mm extenders	VZ 975409	Wooden Lifting Pad, 6 - 16 t Load Capacity, Prismatic Design, MODEL: HP 06-16		
	V7 975287	Lifting Pad w. Rubber Surface 11 t Load Canacity		

VZ 975614	Rollers on flat steel, wall-guided -EXTRA CHARGE-	
VZ 975635	Outer flanged rollers -EXTRA CHARGE	
ACCESSORIES - TRAVERSES, SUPPORT BRIDGES, SUPPORT SYST.		
VZ 975670	Self-locking axle lifting beam with 14.5 t support system MODEL: SAT 14.5-760	
VZ 975813	Self-locking axle lifting beam with 14.5 t support system MODEL: SAT 14.5-820	
VZ 975622	Self-locking axle lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK	
VZ 975741	Self-locking axle lifting beam with 14.5 t support system MODEL: SAT 14.5-910L	
VZ 975743	SAT Rollers Retrofit Kit, Spring Mounted, with Plastic Rollers	
VZ 975814	SAT Wheel Deflector Plates (2 pcs)	
VZ 975820	Spacer Block for Support Systems SAT (65 x 110 x 320 mm)	
VZ 975903	Axle lifting beam up to 15 t Adjustment range max. 1010 mm MODEL: AT 15	
VZ 975688	Axle Traverse Length Variation	
VZ 975906	Axle traverse Long for busses, com. vehicles, 16.5t load cap. MODEL: AT 16.5 L1500	
VZ 975696	Axle Crossbar Load Capacity 3.5 t Model: ATV 3.5	
VZ 975925	Support bridge for axle traverses up to 14.5 t load capac. MODEL: TAB 15	
VZ 975326	Support Bridge AB w/o Centre Cut-Out up to 14,5 t Load Cpc. MODEL: AB 15	
VZ 975686	Support System Version D/F	
VZ 975687	Support System Version E	
	ES - LOAD LIFTING PADS, LIFTING PADS, EXTENDERS,	
SUPPORT T	UBES	
VZ 975280	Narrow Lifting Pad, 20 t Load Capacity, galvanized, up to 100 mm (Pin Diameter 45 mm)	
VZ 975285	Large Lifting Pad, galvanized, Load Capacity 20 t MODEL: GP 175/20	
VZ 975283	Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220	

	VZ 975569	Pads with mushroom support N with pin diameter 45 mm MODEL: PS-N
	VZ 975409	Wooden Lifting Pad, 6 - 16 t Load Capacity, Prismatic Design, MODEL: HP 06-16
	VZ 975287	Lifting Pad w. Rubber Surface, 11 t Load Capacity MODEL: RPG 10
	VZ 975289	Plug-In Extender, L = 100 mm, MODEL: ZS 100/45
	VZ 975290	Plug-In Extender, L = 150 mm, MODEL: ZS 150/45
	VZ 975410	Plug-In Extender, L = 200 mm MODEL: ZS 200/45
	VZ 971221	Support Plate Extension 100 mm galvanized (2 pcs.) Diameter of supports 35 mm
	VZ 975330	Support Tube L = 400 mm, Load Capacity: 20 t (Pin Diam. 45 mm)
	VZ 975331	Support Tube L = 600 mm, Load Capacity: 20 t (Pin Diameter 45 mm)
	VZ 975571	Support Tube L = 800 mm, Load Capacity: 15 t (Pin Diameter 45 mm)
	VZ 975414	Spacer Block for Support Systems TAB (100 x 140 x 450 mm)
	VZ 975732	Gearbox Plate, Load Cpc. 1.0t Model: GP 1000
	VP 975915	Gearbox Mounting Tool with swivelling flat supports MODEL: GMT 800
	VZ 975916	Swivel supports for GMT 800 w. locking function
	VZ 975917	Angle clamp supports for GMT 800 with rubber pad
	VZ 975918	Semicircular flex supports for GMT 800 with rubber pads
	VZ 975611	Pit crossing continuously adjustable for pits w/o wheel guides
	VZ 975612	Pit crossing continuously adjustable for pits with wheel guides
	VZ 975613	Railings for pit crossing continously adjustable
	SUPPLEMEN	ITARY CHARGES
	VT 998207	Transport Werkverkehr -SÜDGruben-, Achs-, Getriebeheber Abstützsystem (pro Packstück)
	VT 998208	Transport Werkverkehr -NORDGruben-, Achs-, Getriebeheber Abstützsystem (pro Packstück)
	VM 996148	Montagekosten Grubenheber
	VV 997600	Packaging Floor-running jack not stackable -EUROPE/OVERSEAS-
	VV 997601	Packaging Lifting beams, gearbox plates, stackable -EUROPE/OVERSEAS-