

LIFTING TECHNOLOGY

PIT JACK

MPJ 4.0/750 1S HM
VP 254032



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The pit jack, which is mounted in a suspended position, lifts up to 4,0 t. The overhead rail pit jack, with deep-drawn chassis and long 750 mm stroke, is suitable for work with or without axle crossbeams and support systems. The manual hydraulic drive can be expanded with a pneumatic speed control function for fast piston rod movement. For lifting under load, an air motor can be additionally installed. For optimal pit adaptation, the chassis is adjustable by 140 mm.

PRODUCT DETAILS/ACCESSORIES

1-stage telescopic, rail-guided, suspended

Description:

Manual pit jack

with hand pump for load lifting

Specially for wheel and brake works and dismantling smaller assemblies in conjunction with axle lifting beams and support stands for cars and vans with 4.0 t load capacity

Control:

- Precision, user-friendly hand pump for fast stroke and lift
- 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 - 1200 mm) 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 hand pump
- 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)	4,000 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°
Max. parallelism deviation slide rails	10 mm
Roller diameter (at the flange)	80 (95) mm
Support diameter inside/outside	30/45 mm

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Piston rod diameter	60 mm
Oil quantity/quality	3.3 l / HLP-D 10
Drive	Manual hydraulic
Operating pressure	144 bar
Weight	198 kg

ACCESSORIES

ACCESSORIES - CARRIAGE

- VZ 975923 S-carriage for suspended pit jacks up to 16.5 t -EXTRA CHARGE-
- VZ 975605 Offset rollers for suspended pit jacks of up to 16.5 t -EXTRA CHARGE-
- VZ 975924 Cylindrical rollers for suspended pit jacks in pit profile rails
- VZ 975562 Special rollers f. suspended and rail-guided pit jacks -EXTRA CHARGE-

ACCESSORIES - TRAVERSES, SUPPORT BRIDGES, SUPPORT SYST.

- VZ 975742 Axle Crossbar Load Capacity 3.5 t Model: ATV 3.5/30

ACCESSORIES - LOAD LIFTING PADS, LIFTING PADS, EXTENDERS, SUPPORT TUBES

- VZ 975369 Lifting Pad with Rubber Surface, 2 - 4.5 t Load Capacity MODEL: RP 125
- VZ 971221 Support Plate Extension 100 mm galvanized (2 pcs.) Diameter of supports 35 mm

- VZ 975414 Spacer Block for Support Systems TAB (100 x 140 x 450 mm)
- 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 continuously adjustable

SUPPLEMENTARY CHARGES

- VT 998106 Transportkosten Grubenheber Abstützsystem, Getriebeplatten
- VT 998108 Transportkosten Abstützsystem, Getriebeplatten
- VM 996148 Montagekosten Grubenheber
- VV 997598 Packaging Suspended pit jack not stackable -EUROPE-
- VV 997599 Packaging Suspended pit jack stackable -EUROPE/OVERSEAS-
- VV 997601 Packaging Lifting beams, gearbox plates, stackable -EUROPE/OVERSEAS-