

# LIFTING TECHNOLOGY PIT JACK

**MPJ 20.0/750 1S TA** VP 454284





### MPJ 20.0/750 1S TA

VP 454284

The pit jack lifts up to 20.0 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 20.0 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:

- 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
- Piston support can be increased by max. 2 x 200 mm (option for very deep pits)
- Integrated inspection window for checking oil quality and quantity of the pit jack
- With its non-slip coating the carriage 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)	20,000 kg
Stroke distance	750 mm
Lifting levels	1
Min. load uptake height	1180 mm
Max. lifting height	1930 mm
Slide rail width inner dimensions	750 1600 mm
Carriage adjustable range	230 mm
Roller rest width	44 mm
Roller rest incline	0 %

Technical Datasheet / 13/09/2023



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#### **TECHNICAL DATA**

Min. slide rail (W x H)	75 x 10 mm
Max. parallelism deviation slide rails	10 mm
Roller diameter (at the flange)	133 (148) mm
Support diameter inside/outside	45/70 mm
Piston rod diameter	70 mm
Oil quantity/quality	15.3 I / HLP-D 10
Drive	350 l/min. 11 bar
Operating pressure	308 bar
Weight	403 kg

## **ACCESSORIES**

VZ 975202   Jack-mounted compressed air maintenance unit   VZ 975757   Piston support extension for very deep pits 200   VZ 975614   Rollers on flat steel, wall-guided-EXTRA CHARGE   VZ 975630   Cuter flanged rollers -EXTRA CHARGE   VZ 975630   VZ 975630   Self-locking axle lifting beam with 14.5 t support system MODEL: SAT 14.5-9760   VZ 975612   Self-locking axle lifting beam with 14.5 t support system MODEL: SAT 14.5-9760   VZ 975410   Self-locking axle lifting beam with 14.5 t support system MODEL: SAT 14.5-9760   VZ 975741   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 14.5-910 STOCK   VZ 975741   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 14.5-910 STOCK   VZ 975741   Self-locking axle lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK   VZ 975820   Self-locking axle lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK   VZ 975820   Support Tube L = 600 mm, Load Capacity: 20 t (Pin Diameter 45 mm)   VZ 975820   Support Tube L = 800 mm, Load Capacity: 20 t (Pin Diameter 45 mm)   VZ 975732   Support Tube L = 800 mm, Load Capacity: 20 t (Pin Diameter 45 mm)   VZ 975903   Axle Iffing beam up to 15 t Adjustment range max 1010 mm MODEL: AT 16.5 L1500   VZ 975915   Search Stock for Support Systems ADEL: AT 16.5 L1500   VZ 975915   Search Stock for Support System SAT (65 x 110 x 450 mm)   VZ 975915   Search Stock for Support Stock MODEL: AT 16.5 L1500   VZ 975915   Search Stock for Support Stock MODEL: AT 16.5 L1500   VZ 975915   Search Stock Model: ATV 3.5   VZ 975915   Search Stock Model: ATV 3.5   VZ 975915   Search Stock Model: ATV 3.5   VZ 97	ACCESSORIES - CARRIAGE		VZ 975569	Pads with mushroom support N with pin diameter
Prismatic Design, MODEL: HP 06-16  VZ 975614 Rollers on flat steel, wall-guided -EXTRA CHARGE- VZ 975654 Rollers on flat steel, wall-guided -EXTRA CHARGE- VZ 975670 Soluter flanged rollers -EXTRA CHARGE- VZ 975670 VZ 975670 VZ 975670 Self-locking axe lifting beam with 14.5 t support system MODEL: SAT 14.5-820 VZ 975813 Self-locking axe lifting beam with 14.5 t support system MODEL: SAT 14.5-820 VZ 975820 VZ 975820 VZ 975820 Self-locking axe lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK VZ 97573 Self-locking axe lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK VZ 97573 Self-locking axe lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK VZ 97573 Self-locking axe lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK VZ 97573 Self-locking axe lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK VZ 97573 Self-locking axe lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK VZ 97573 Self-locking axe lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK VZ 97573 Self-locking axe lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK VZ 97573 Self-locking axe lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK VZ 97573 Self-locking axe lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK VZ 975814 SAT Rollers Retrofi kit, Spring Mounted, with Plastic Rollers VZ 975827 Self-locking axe lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK VZ 975814 SAT Rollers Retrofi kit, Spring Mounted, with Plastic Rollers VZ 975828 VZ 975814 SAT Rollers Rotrofi kit, Spring Mounted, with Plastic Rollers VZ 97593 Axe lifting beam up to 15 t Adjustment range max. 1010 mm MODEL: AT 15 Self-locking axe lifting beam up to 15 t Adjustment range max. 1010 mm MODEL: AT 15 Self-locking axe lifting beam up to 15 t Adjustment range max. 1010 mm MODEL: AT 15 Self-locking axe lifting beam up to 15 t Adjustment range max. 1010 mm MODEL: CMT 800 With rubber pads Self-locking axe lifting beam up to 1	VZ 975920	Jack-mounted compressed air maintenance unit		45 mm MODEL: PS-N
VZ 975617 Vz 975670 Vz 975	VZ 975576		VZ 975409	Prismatic Design, MODEL: HP 06-16
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 975672 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 14.5-910 STOCK VZ 975742 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 14.5-910 STOCK VZ 975743 SAT Rollers Retrofit Kit, Spring Mounted, with Plastic Rollers VZ 975820 Saler Block for Support Systems SAT (65 x 110 x 120 mm MODEL: SAT 14.5-910 STOCK VZ 975820 V	VZ 975614	Rollers on flat steel, wall-guided -EXTRA CHARGE-	VZ 975287	
ACCESSORIES - TRAVERSES, SUPPORT BRIDGES, SUPPORT SYST.  VZ 97502 Self-locking askel lifting beam with 14.5 t support system MODEL: SAT 14.5-760  VZ 975413 Self-locking askel lifting beam with 14.5 t support system MODEL: SAT 14.5-820  VZ 975622 Self-locking askel lifting beam with 14.5 t support system MODEL: SAT 14.5-820  VZ 975622 Self-locking askel lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK  VZ 975741 Self-locking askel lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK  VZ 975742 Self-locking askel lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK  VZ 975743 Self-locking askel lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK  VZ 975744 Self-locking askel lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK  VZ 975745 Self-locking askel lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK  VZ 975740 Self-locking askel lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK  VZ 975810 Self-locking askel lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK  VZ 975820 Spacer Block for Support Systems SAT (65 x 110 Spacer Block for Support Systems TAB (100 x 140 x 450 mm)  VZ 975820 Spacer Block for Support Systems SAT (65 x 110 Spacer Block for Support Systems TAB (100 x 140 x 450 mm)  VZ 975880 Askel Traverse Length Variation  VZ 975818 Askel Traverse Length Variation  VZ 975820 Support Didge for askel traverses up to 14.5 t load capa. MODEL: AT 15.5 L1500  VZ 975820 Support bridge for askel traverses up to 14.5 t load capac. MODEL: AT 15 Support System Version D/F  VZ 975887 Support Didge for askel traverses up to 14.5 t load capac. MODEL: Bl 15  VZ 975880 Narrow Lifting Pad. 20 t Load Capacity, galvanized, up to 100 mm (Pin Diameter 45 mm)  VZ 975880 Narrow Lifting Pad. 20 t Load Capacity, galvanized, up to 100 mm (Pin Diameter 45 mm)  VZ 975880 Narrow Lifting Pad. 20 t Load Capacity, galvanized, up to 100 mm (Pin Diameter 45 mm)  VZ 975881 Support System Version D/F  VZ 975881 North Varia	VZ 975635	Outer flanged rollers -EXTRA CHARGE	V/7 075290	
VZ 975670 Self-locking axle lifting beam with 14.5 t support system MODEL: SAT 14.5-80 VZ 975813 Self-locking axle lifting beam with 14.5 t support system MODEL: SAT 14.5-820 VZ 975820 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 14.5-910 STOCK VZ 975743 Self-locking axle lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK VZ 975743 Self-locking axle lifting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK 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 20 mm) VZ 975820 Axle lifting beam up to 15 t Adjustment range max. 1010 mm MODEL: AT 15 VZ 975903 Axle lifting beam up to 15 t Adjustment range max. 1010 mm MODEL: AT 15 VZ 975906 Axle Traverse Length Variation VZ 975907 Axle traverse Long for busses, com vehicles, 16.5 t load cap. MODEL: TA 15 Support Tube L = 800 mm, Load Capacity: 15 t (Pin Diameter 45 mm) VZ 975908 VZ 975809 Axle Crossbar Load Capacity 3.5 t Model: ATV 3.5 VZ 975916 Axle Crossbar Load Capacity 3.5 t Model: ATV 3.5 VZ 975925 Support Bridge AB w/o Centre Cut-Out up to 14,5 t Load Cpc. MODEL: TAB 15 VZ 975686 Support System Version D/F VZ 975687 Support Tubes VZ 975880 Narrow Lifting Pad, 20 t Load Capacity, galvanized, up to 100 mm (Pin Diameter 45 mm) VZ 975885 Large Lifting Pad, galvanized, Load Capacity 10 t MODEL: GP 175/20 VZ 975885 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 175/20 VZ 975885 VZ 975886 VZ 975886 VZ 975886 Narrow Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 175/20 VZ 975887 VZ 975887 VZ 975888 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 175/20 VZ 975888 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 175/20 VZ 975888 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 175/20 VZ 975889 NODEL: GP 175/20 VZ 975890 Packaging Lifting Pads, ga	ACCESSORI	ES - TRAVERSES, SUPPORT BRIDGES, SUPPORT SYST.		
VZ 975813 Self-locking axie litting beam with 14.5 t support system MODEL: SAT 14.5-820  VZ 975622 Self-locking axie litting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK  VZ 975741 Self-locking axie litting beam with 14.5 t support system MODEL: SAT 14.5-910 STOCK  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 Axie lifting beam up to 15 t Adjustment range max. 1010 mm MODEL: AT 15  VZ 975906 Axie Crossbar Load Capacity 3.5 t Model: ATV 3.5  VZ 975925 Support Bridge AB w/o Centre Cut-Out up to 14.5 t Load Capac. MODEL: TAB 15  VZ 975880 Support System Version D/F  VZ 975880 Support Bridge AB and Capacity, 20 t Load Capacity, 20 t MODEL: GP 175/20  VZ 975881 Large Lifting Pad, galvanized, Load Capacity 20 t MODEL: GP 175/20  VZ 975883 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 175/20  VZ 975883 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 175/20  VZ 975881 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220  VZ 975681 Self-locking axie lifting beam with 14.5 t support so Gearbox Plate, 45 mm)  VZ 975882 Large Lifting Pad, galvanized, Load Capacity 20 t MODEL: GP 175/20  VZ 975883 Large Lifting Pad, galvanized, Load Capacity 20 t MODEL: GP 175/20  VZ 975883 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 175/20  VZ 975689 Packaging Large Load Capacity 20 t MODEL: GP 175/20  VZ 975680 Packaging Large Load Capacity 20 t MODEL: GP 175/20  VZ 975880 Packaging Large Large Lifting Pad, gal	VZ 975670		VZ 975410	Plug-In Extender, L = 200 mm MODEL: ZS 200/45
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 14.5-910 STOCK VZ 975743 SAT Rollers Retrofit Kit, Spring Mounted, with Plastic Rollers VZ 975743 SAT Rollers Retrofit Kit, Spring Mounted, with Plastic Rollers VZ 975820 Spacer Block for Support Systems SAT (65 x 110 x 320 mm) 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 975868 Axle Traverse Length Variation VZ 975906 Axle traverse Long for busses, com. vehicles, 16.5t load cap. MODEL: AT 16.5 L1500 VZ 975925 Support bridge for axle traverses up to 14.5 t load capa. MODEL: AB 15 VZ 975887 Support System Version D/F VZ 975887 Support System Version E ACCESSORIES - LOAD LIFTING PADS, LIFTING PADS, EXTENDERS, SUPPORT TUBES VZ 975283 Large Lifting Pad, galvanized, Load Capacity 20 t MODEL: GP 220 VX 975283 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220 VX 99588 Nyrow MODEL: GP 220 VX 99589 Support Bystem Version D/F VX 975285 Large Lifting Pad, galvanized, Load Capacity 20 t MODEL: GP 220 VX 99589 Support Load Capacity 20 t MODEL: GP 220 VX 99589 Support Bystem Version E VX 97589 Support Bystem Version D/F VX 97589 Support System Version D/F VX 97589 Large Lifting Pad, galvanized, Load Capacity 20 t MODEL: GP 175/20 VX 99589 Large Lifting Pad, galvanized, Load Capacity 20 t MODEL: GP 175/20 VX 99589 Support System Version D/F	VZ 975813			pcs.) Diameter of supports 35 mm
VZ 975741 Self-locking axle lifting beam with 14.5 t support system MDEL: SAT 14.5-910L VZ 975732 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 975905 Axle Irfting beam up to 15 t Adjustment range max. 1010 mm MODEL: AT 15 VZ 975906 Axle traverse Length Variation VZ 975906 Axle traverse Long for busses, com. vehicles, 16.5t load cap. MODEL: AT 16.5 L1500 VZ 975925 Support Bridge AB w/o Centre Cut-Out up to 14.5 t Load Cpc. MODEL: AB 15 VZ 975832 Support Bridge AB w/o Centre Cut-Out up to 14.5 t Load Cpc. MODEL: AB 15 VZ 97588 Support System Version D/F Support System Version E ACCESSORIES - LOAD LIFTING PADS, LIFTING PADS, EXTENDERS, SUPPORT TUBES  VZ 975283 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220  VZ 975831 Narow Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220  VZ 975832 Narow Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220  VZ 975833 Narow Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220  VZ 97588 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220  VZ 97589 Packaging Lifting beams, gearbox plates, VZ 997601	VZ 975622	Self-locking axle lifting beam with 14.5 t support	VZ 975330	(Pin Diam. 45 mm)
VZ 975743 SAT Rollers Retrofit Kit, Spring Mounted, with Plastic Rollers VZ 975814 SAT Wheel Deflector Plates (2 pcs) VZ 975815 SAT Wheel Deflector Plates (2 pcs) VZ 975816 SAT Wheel Deflector Plates (2 pcs) VZ 975903 Spacer Block for Support Systems TAB (100 x 140 x 450 mm) VZ 975903 Axle lifting beam up to 15 t Adjustment range max. 1010 mm MODEL: AT 15 VZ 975906 Axle Traverse Length Variation VZ 975906 Axle traverse Long for busses, com. vehicles, 16.5 t load cap. MODEL: AT 15.5 L 1500 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 975687 Support System Version D/F VZ 975688 Support System Version D/F VZ 975689 Support System Version D/F VZ 975680 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 975281 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220 VX 975285 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220 VX 975686 Packaging Lifting Lead Capacity 16.5 t MODEL: GP 220 VX 975288 VX 975288 VX 975288 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220 VX 975288 VX 975288 VX 975288 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220 VX 975288 VX 975288 VX 975288 VX 975288 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220 VX 975288 VX 975288 VX 975689 Packaging Lifting Deams, gearbox plates, VX 997601 Packaging Lifting Deams, gearbox plates, VX 99760	VZ 975741	Self-locking axle lifting beam with 14.5 t support	VZ 975331	
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 975906 Axle Traverse Length Variation  VZ 975906 Axle traverse Long for busses, com. vehicles, 16.5t load cap. MODEL: AT 16.5t 1500  VZ 975925 Support bridge for axle traverses up to 14.5 t load capac. MODEL: TAB 15  VZ 975826 Support Bridge AB w/o Centre Cut-Out up to 14,5 t Load Cpc. MODEL: AB 15  VZ 97588 Support System Version D/F  VZ 975280 Narrow Lifting Pad, 20 t Load Capacity, galvanized, up to 100 mm (Pin Diameter 45 mm)  VZ 975283 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 120  VZ 975283 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220  VZ 975600 VZ 975600  VZ 975600 Packaging Lifting Pads, galvanized, Load Capacity 16.5 t MODEL: GP 220  VZ 975611 Spacer Block for Support Systems TAB (100 x 140 x 450 mm)  VZ 9757528 Support System Version D/F  VZ 975918 Support Bridge AB w/o Centre Cut-Out up to 14,5 though the pads of the pads	VZ 975743	SAT Rollers Retrofit Kit, Spring Mounted, with	VZ 975571	
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 craverse Length Variation  VZ 975906 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 975880 Support System Version D/F  VZ 975880 Narrow Lifting Pad, 20 t Load Capacity, galvanized, up to 100 mm (Pin Diameter 45 mm)  VZ 975280 VZ 975283 Large Lifting Pad, galvanized, Load Capacity 20 t MODEL: GP 220  VZ 975280 VZ 975283 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220  VZ 975280 VZ 975280 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220  VZ 975280 VZ 975280 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220  VZ 975280 VZ 975280 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220  VZ 975280 VZ 975280 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220  VZ 975280 VZ 975280 Large Lifting Pad, galvanized, Load Capacity 20 t MODEL: GP 220  VZ 975280 VZ 975280 Large Lifting Pad, galvanized, Load Capacity 20 t MODEL: GP 220  VZ 975280 VZ 975280 Large Lifting Pad, galvanized, Load Capacity 20 t MODEL: GP 220  VZ 975280 VZ 975280 Large Lifting Pad, galvanized, Load Capacity 20 t MODEL: GP 175/20  VZ 975280 VZ 975280 Large Lifting Pad, galvanized, Load Capacity 20 t MODEL: GP 175/20  VZ 975280 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220  VZ 975280 VZ 975280 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220	VZ 975814	SAT Wheel Deflector Plates (2 pcs)	VZ 975414	
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, 16.5 t load cap. MODEL: AT 16.5 L1500  VZ 97596 Axle Crossbar Load Capacity 3.5 t Model: ATV 3.5  VZ 97592 Support bridge for axle traverses up to 14.5 t load capac. MODEL: TAB 15  VZ 97582 Support Bridge AB w/o Centre Cut-Out up to 14,5 t Load Cpc. MODEL: AB 15  VZ 975686 Support System Version DVF  VZ 975687 Support System Version E  ACCESSORIES - LOAD LIFTING PADS, LIFTING PADS, EXTENDERS, SUPPORT TUBES  VZ 975280 Narrow Lifting Pad, 20 t Load Capacity, galvanized, up to 100 mm (Pin Diameter 45 mm)  VZ 975283 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220  VX 975280 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220  VX 975600 Packaging Lifting beams, gearbox plates,  VX 975610 Semicroular flex supports for GMT 800 with rubber pad  VX 975918 Semicroular flex supports for GMT 800 with rubber pad  VX 975918 VZ 975511 Pit crossing continuously adjustable for pits w/o wheel guides  VX 975611 Pit crossing continuously adjustable for pits with wheel guides  VX 975612 Pit crossing continuously adjustable for pits with wheel guides  VX 975613 Railings for pit crossing continuously adjustable  SUPPLEMENTARY CHARGES  VX 975280 Transport Werkverkehr -SÜDGruben-, Achs-, Getriebeheber Abstützsystem (pro Packstück)  VX 975280 VX 975280 VX 997600 Packaging Floor-running jack not stackable -EUROPE/OVERSEAS-  VX 975281 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220  VX 975283 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220	VZ 975820			Gearbox Plate, Load Cpc. 1.0t Model: GP 1000
VZ 975888 Axle Traverse Length Variation VZ 975906 Axle traverse Long for busses, com. vehicles, 16.5t load cap. MODEL: AT 16.5 L1500 VZ 975916 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 975680 Support System Version D/F VZ 975687 Support System Version E  ACCESSORIES - LOAD LIFTING PADS, LIFTING PADS, EXTENDERS, SUPPORT TUBES  VZ 975280 Narrow Lifting Pad, 20 t Load Capacity, galvanized, up to 100 mm (Pin Diameter 45 mm) VZ 975283 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 975280 Nater Value Capacity 16.5 t MODEL: GP 220  VZ 975280 Nater Value Capacity 16.5 t MODEL: GP 220  VZ 975280 Nater Value Capacity 16.5 t MODEL: GP 220  VZ 975281 Axle traverse Long for busses, com. vehicles, 16.5 t MODEL: GP 220  VZ 975918 Angle clamp supports for GMT 800 with rubber pad VZ 975918 Angle clamp supports for GMT 800 with rubber pad VZ 975918 Semicircular flex supports for GMT 800 with rubber pad VZ 975918 Semicircular flex supports for GMT 800 with rubber pad VZ 975918 Semicircular flex supports for GMT 800 with rubber pad VZ 975918 Semicircular flex supports for GMT 800 with rubber pad VZ 975918 Semicircular flex supports for GMT 800 with rubber pad very support so for GMT 800 with rubber pad very support so for GMT 800 with rubber pad very supports for GMT 800 with rubber pad very support so for GMT 800 with rubber pad very support so for GMT 800 with rubber pad very support sor GMT 800 with rubber pad very support sor GMT 800 with rubber pad very support sor GMT 800 with rubber pad very supports for GMT 800 with rubber pad very support sor GMT 8	VZ 975903	Axle lifting beam up to 15 t Adjustment range	VP 975915	supports MODEL: GMT 800
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 975687 Support System Version D/F  VZ 975688 Support System Version D/F  VZ 975689 Support System Version E  ACCESSORIES - LOAD LIFTING PADS, LIFTING PADS, EXTENDERS, SUPPORT TUBES  VZ 975280 Narrow Lifting Pad, 20 t Load Capacity, galvanized, up to 100 mm (Pin Diameter 45 mm)  VZ 975283 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  Angle clamp supports for GMT 800 with rubber pads  VZ 975918 Semicircular flex supports for GMT 800 with rubber pads  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 975687 Support System Version E  SUPPLEMENTARY 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  VM 997600 Packaging Floor-running jack not stackable -EUROPE/OVERSEAS-  VV 997601 Packaging Lifting beams, gearbox plates,	VZ 975688		VZ 975916	
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  ACCESSORIES - LOAD LIFTING PADS, LIFTING PADS, EXTENDERS, SUPPORT TUBES  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 975280 VZ 975280 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220  VZ 975283 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220  VZ 975011 Pit crossing continuously adjustable for pits with wheel guides  VZ 975612 Pit crossing continuously adjustable for pits with wheel guides  VZ 975613 Railings for pit crossing continuously adjustable  VZ 975614 Rolling Semicircular flex supports for GMT 800 with rubber pads  VZ 975615 Pit crossing continuously adjustable for pits with wheel guides  VZ 975618 Railings for pit crossing continuously adjustable  VZ 975619 Pit crossing continuously adjustable for pits with wheel guides  VZ 975610 Pit crossing continuously adjustable for pits with wheel guides  VZ 975612 Pit crossing continuously adjustable for pits with wheel guides  VZ 975613 Railings for pit crossing continuously adjustable for pits with wheel guides  VZ 975618 Pit crossing continuously adjustable for pits with wheel guides  VZ 975619 Pit crossing continuously adjustable for pits with wheel guides  VZ 975619 Pit crossing continuously adjustable for pits with wheel guides  VZ 975619 Pit crossing continuously adjustable for pits with wheel guides  VZ 975618 Pit crossing continuously adjustable for pits with wheel guides  VZ 975618 Pit crossing continuously adjustable for pits with wheel guides  VZ 975619 Pit crossing continuously adjustable for pits with wheel guides  VZ 975619 Pit crossing continuously adjustable for pits with wheel guides  VZ 975619 Pit crossing continuously adjustable for pits w		Axle traverse Long for busses, com. vehicles,		paď
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  ACCESSORIES - LOAD LIFTING PADS, LIFTING PADS, EXTENDERS, SUPPORT TUBES  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 975280 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220  vz 975612 Pit crossing continuously adjustable for pits with wheel guides  vz 975613 Railings for pit crossing continuously adjustable  vz 975613 Railings for pit crossing continuously adjustable  vz 975614 Railings for pit crossing continuously adjustable for pits with wheel guides  vz 975615 Railings for pit crossing continuously adjustable for pits with wheel guides  vz 975616 Railings for pit crossing continuously adjustable for pits with wheel guides  vz 975617 Pit crossing continuously adjustable for pits with wheel guides  vz 975612 Pit crossing continuously adjustable for pits with wheel guides  vz 975612 Pit crossing continuously adjustable for pits with wheel guides  vz 975612 Pit crossing continuously adjustable for pits with wheel guides  vz 975612 Pit crossing continuously adjustable for pits with wheel guides  vz 975612 Pit crossing continuously adjustable for pits with wheel guides  vz 975618 Pit crossing continuously adjustable for pits with wheel guides  vz 975612 Pit crossing continuously adjustable for pits with wheel guides  vz 975618 Pail pit crossing continuously adjustable for pits with wheel guides  vz 975618 Pail pit crossing continuously adjustable for pits with wheel guides  vz 975618 Pail pit crossing continuously adjustable for pits with wheel guides  vz 975618 Pail pit crossing continuously adjustable for pits with wheel guides  vz 975618 Pail pit crossing continuously adjustable for pits with wheel guides		Axle Crossbar Load Capacity 3.5 t Model: ATV 3.5	VZ 975918	· · ·
t Load Cpc. MODEL: AB 15  VZ 975686 Support System Version D/F  VZ 975687 Support System Version E  ACCESSORIES - LOAD LIFTING PADS, LIFTING PADS, EXTENDERS, SUPPORT TUBES  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 975288 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220  VZ 975617 Pricrossing continuously adjustable verified wheel guides  VZ 975618 Railings for pit crossing continuously adjustable verified wheel guides  VZ 975618 Railings for pit crossing continuously adjustable verified wheel guides  VZ 975618 Railings for pit crossing continuously adjustable verified wheel guides  VZ 975618 Railings for pit crossing continuously adjustable verified wheel guides  VZ 975618 Railings for pit crossing continuously adjustable verified wheel guides  VZ 975618 PIC rossing continuously adjustable verified wheel guides  VZ 975618 Railings for pit crossing continuously adjustable verified wheel guides  VZ 975618 Railings for pit crossing continuously adjustable verified wheel guides  VZ 975618 Railings for pit crossing continuously adjustable verified wheel guides  VZ 975618 Railings for pit crossing continuously adjustable verified wheel guides  VZ 975618 Railings for pit crossing continuously adjustable verified wheel guides  VZ 975618 Railings for pit crossing continuously adjustable verified wheel guides  VZ 975618 Railings for pit crossing continuously adjustable verified wheel guides  VZ 975618 Railings for pit crossing continuously adjustable verified wheel guides  VZ 975618 Railings for pit crossing continuously adjustable verified wheel guides  VT 998207 Transport Werkverkehr - SÜDGruben-, Achs-, Getriebeheber Abstützsystem (pro Packstück)  VT 998208 Transport Werkverkehr - NORDGruben-, Achs-, Getriebeheber Abstützsystem (pro Packstück)  VT 998208 Transport Werkverkehr - NORDGruben-, Achs-, Getriebeheber Abstützsystem (pro Packstück)  VT 998208 Transport Werkv		capac. MODEL: TAB 15	VZ 975611	
VZ 975686 Support System Version D/F VZ 975687 Support System Version E  ACCESSORIES - LOAD LIFTING PADS, LIFTING PADS, EXTENDERS, SUPPORT TUBES  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 975613 Railings for pit crossing continously adjustable  SUPPLEMENTARY 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,	VZ 975326	t Load Cpc. MODEL: AB 15	VZ 975612	
VZ 975687 Support System Version E  ACCESSORIES - LOAD LIFTING PADS, LIFTING PADS, EXTENDERS, SUPPORT TUBES  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 975288 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220  VZ 975289 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220  SUPPLEMENTARY 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,	VZ 975686	11	VZ 975613	9
SUPPORT TUBES  VI 998207 ITansport Werkverkenr - SUDGrüben-, Achs-, Getriebeheber Abstützsystem (pro Packstück)  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  VV 997601 Packaging Floor-running jack not stackable -EUROPE/OVERSEAS-  VV 997601 Packaging Lifting beams, gearbox plates,		11 3		
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 975284 VY 997601 Packaging Floor-running jack not stackable -EUROPE/OVERSEAS-			VT 998207	Transport Werkverkehr -SÜDGruben-, Achs-,
yz 975285 Large Lifting Pad, galvanized, Load Capacity 20 t MODEL: GP 175/20 VZ 975284 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220 VY 997601 VZ 997601 VY			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
MODEL: GP 175/20 VZ 975283 Large Lifting Pad, galvanized, Load Capacity 16.5 t MODEL: GP 220 VV 997601	VZ 975280	galvanized, up to 100 mm (Pin Diameter 45 mm)	VT 998208	
VZ 975283 Large Lifting Pad, galvanized, Load Capacity 16.5 -EUROPE/OVERSEAS- t MODEL: GP 220 VV 997601 Packaging Proof-full ling Jack not stackable -EUROPE/OVERSEAS- VV 997601 Packaging Lifting beams, gearbox plates,	VZ 975285		VM 996148	Montagekosten Grubenheber
t MODEL: GP 220 VV 997601 Packaging Lifting beams, gearbox plates,	VZ 975283		VV 997600	
			VV 997601	Packaging Lifting beams, gearbox plates,



