



## Pit Jacks, Support Systems and Accessories

Models: MAH • MGH-ZB • MGH-E • MGH • MGH-L  
SAT • AB • ABT • ABAY

for Vans, Buses and Trucks up to 30 t load capacity



Lifting Technology



- ▶ Lifting technology - modular design system for commercial vehicles
- ▶ Universal support systems
- ▶ Flat support system for storage in the work pit tracks
- ▶ Ergonomic, modern, slender, flexible technology



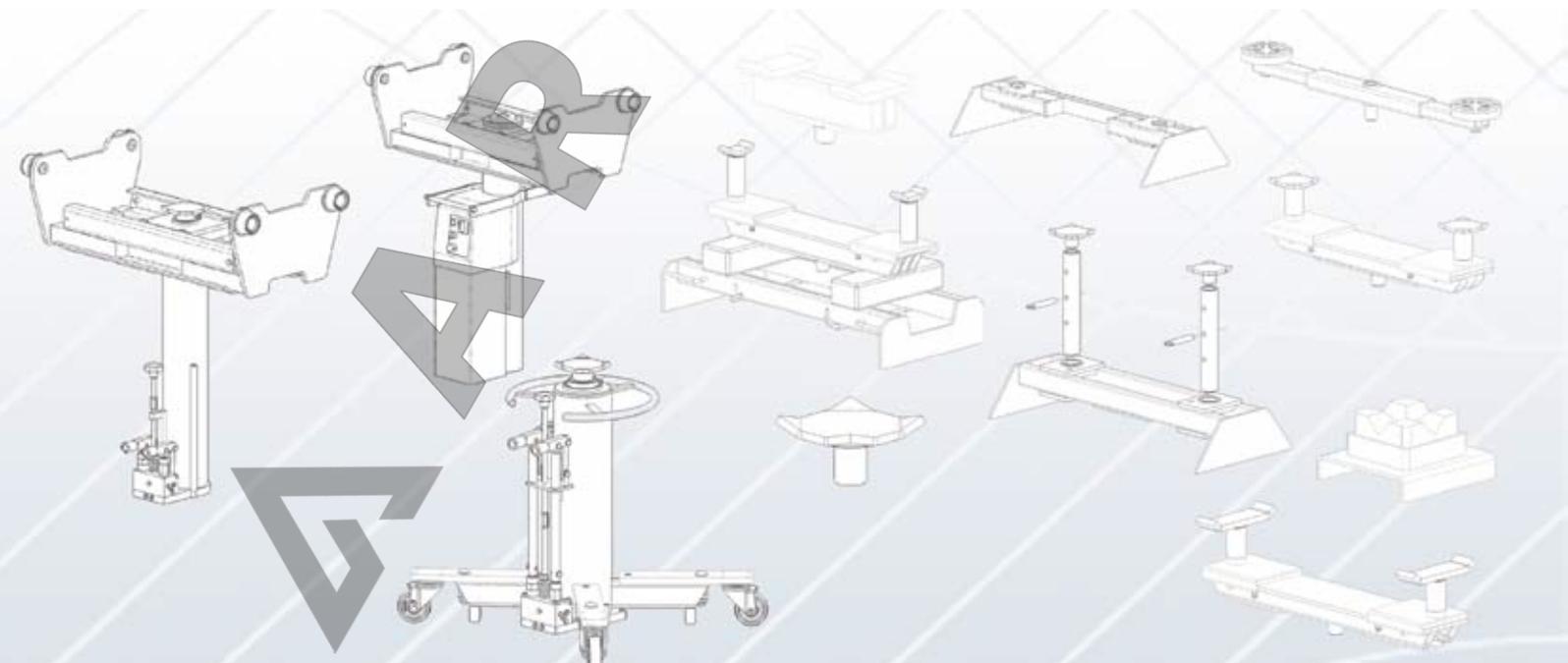
## MAHA Pit Jacks & Accessories

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What ever jack you need, we have it!

**Manual-hydraulic – Hydraulic/Pneumatic - Electro-hydraulic**



A jack without a support system is incomplete!

## MAHA Pit Jack & Accessories

### Selection Criteria for Pit Jacks:

Load capacity:	2,0 / 3,5 / 4,0 / 5,5 / 11,0 / 14,5 / 16,5 / 20,0 / 30,0 t Allow for generous load capacity. Pay attention to loaded vehicles: When lifting a rear axle, the entire flatbed axle and the third axle are lifted.
Stroke:	450 / 600 / 750 / 1050 / 1200 mm 450 mm is sufficient for all standard jobs on trucks. If necessary, extenders can be used to reach high lifting points. 600 mm is an intermediate solution. 750 mm is required for transmission removal or for jobs on elevated units or trailers. For frequent work on units, a telescopic universal jack with 1200 mm is the right choice.
Carriage:	„S-Carriage“, „P-Carriage“ or „B-Carriage“ The standard jack is supplied with „ <b>S-Carriage</b> “ with a stroke of 450 und 600 mm. We supply „ <b>P-Carriages</b> “ with a stroke of 750 mm for professional application of support bridges with axle traverses. Testing pits are equipped with floor running „B-Carriages“ jacks with 750 mm stroke. Our „floor running“ universal jack with a „ <b>B-Carriage</b> “ is supplied with a stroke of 1200 mm. Due to its low height it is optimally suited for transmission and unit work. This jack can be used outside of the pit for mobile lift systems, four cylinder lifts or multi-cylinder systems.
Working speed/ Operation/Control	Manual-hydraulic, pneumatic, hydraulic-pneumatic Manual-hydraulic jacks (MGH) are offered for infrequent tasks in work pits. A jack variation with faster working speed, the MGH-Z has been developed with pneumatic control (VZ 975604). This is equipped with a compressed air high-speed control up to load point and compressed air feedback control from load point in rest position. The hydraulic-pneumatic control (VZ 975261) is optimum. This is additionally equipped with an air motor for automatic lifting with load. Electro-hydraulic pit jacks are especially suited for working pits without compressed air connection.
Lifting platforms:	Lifting platforms are needed to lift vehicles properly and securely. These are divided into axle traverses for vehicles which cannot be lifted in the middle, pads for different lifting points and in unit and transmission plates for safe removal and installation of assemblies.
Support systems:	Two systems are available. In one system (AB) the vehicle is lifted in the middle and supported at two points. The other system (ABT) lifts the vehicle with an axle traverse and is supported by it. The support bridge ABAY is a mixture of both systems. The supports systems are compatible with the lifting platforms and can be used variably in a modular system.

## Hydraulic/Pneumatic-operated Jack as Hanging Version

**MGH**



MGH-Z with optional rapid control and air motor

### **Flexible**

The adjustable carriage can be used in various working pits.

### **Fast**

To quickly reach the load point, the jack can be equipped with the optional rapid control. (VZ 975604) With the use of the optional air motor (VZ 975261) fast and effective load lifting is enabled.

### **Accuracy**

The jack control has a very sensitive setting.

### **Ergonomic**

The high speed function is attached to the side of the jack so that it can be operated from either side of the pit.

### **Smooth maneuverability in pit**

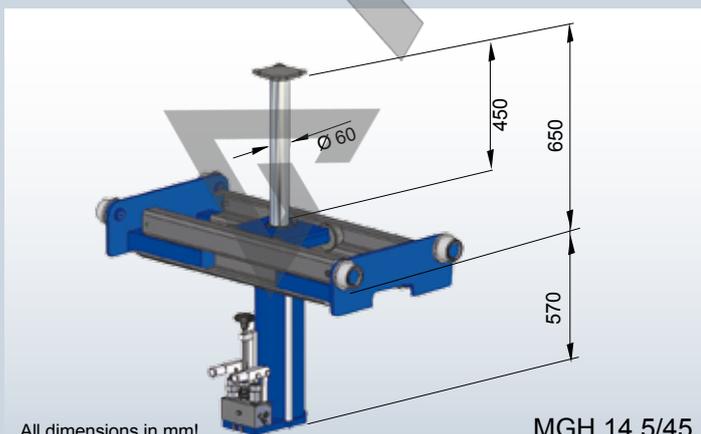
Running rollers with needle bearings for fast and easy movement in the working pit.

### **Long-life**

The guidance pipe is covered with hydraulic oil at each complete lifting stroke to prevent rust build up.

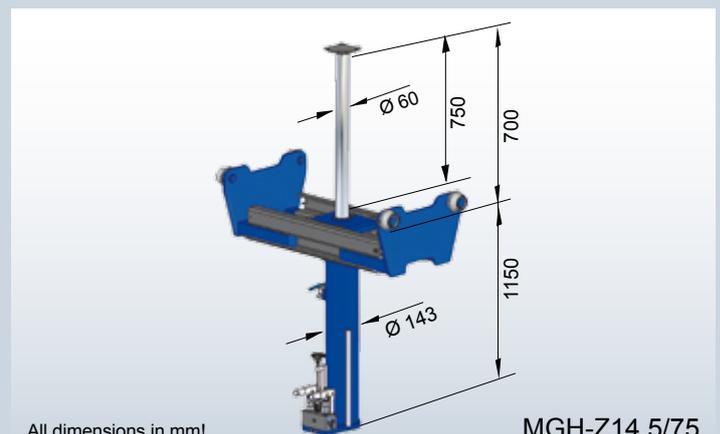
**MGH Pit Jack** is manually pumped up from the rest position. Experience shows that more time is needed to pump up to the lifting point than the actually lifting itself. This jack is only recommended for pits without compressed air supply or special cases!

**MGH Pit Jack** is an ideal combination between hydraulic and pneumatic. The jack is at the lifting point in a matter of seconds and the vehicle is raised with a few pump strokes. The retraction of the cylinder is supported by compressed air.



All dimensions in mm!

MGH 14.5/45



All dimensions in mm!

MGH-Z14.5/75

## Electro-hydraulic Pit Jack as Hanging Version

### MGH-E



MGH-E 14.5/75

#### **Flexible**

A uniform modular plug-in system for using a wide-range of accessories. The lifting platform has a uniform diameter of 45 mm starting at 5.5 t.

This pit jack are well suited for professional operations or for working pits without compressed air connection.

#### **Fast**

The high speed lifting action under load is 35 sec. for 750 mm.

The jack's working speed can be precisely adjusted using fine control. This function controls the up and down movement.

#### **Ergonomic**

The shock resistant cover hood has been developed for use in working pits.

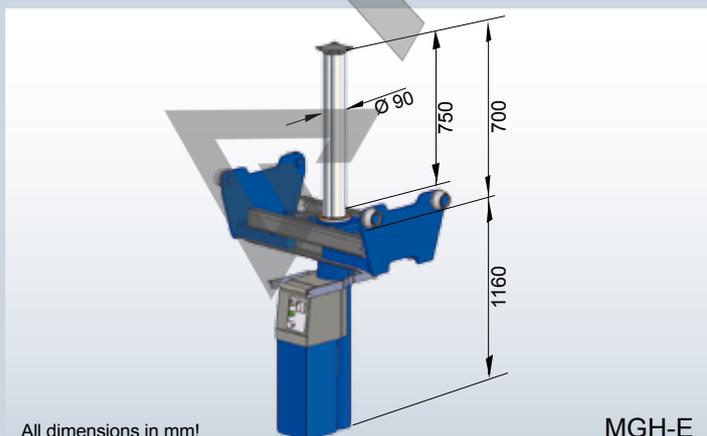
Control knobs and a low noise submerged oil unit make for easy handling in the pit.

#### **Long-life**

The sturdy piston rods are hard-chrome plated and designed for use in extreme workshop pit operation.

The sturdy **Electro-Hydraulic pit jack MGH-E** is designed for frequently used working pits. A mixture of hydraulic, submerged oil unit and electronic control guarantees for a sensitive, quick, quiet and smooth total operation.

Our electrical or hydro-pneumatic jacks have a very slender design to allow for generous passage through the work area. For this reason, lateral jack movement is of great importance.



All dimensions in mm!

MGH-E



## Manual hydraulic/pneumatic Test Stand and Transmission Jack as Floor-running Version

### MGH-ZB / МАН-Е



MGH-ZB 14.5/75 with air motor

#### **Flexible**

The slender carriage (750 x 1.000 mm) makes it easy to use the jack in test pits, mobile lift systems or in connection with rail lifts.

#### **Fast**

This jack is equipped with a high speed control function. Optionally it can be equipped with an air motor.

#### **Safe**

At a load of 800 - 1,000 kg the jack sits securely on the floor.

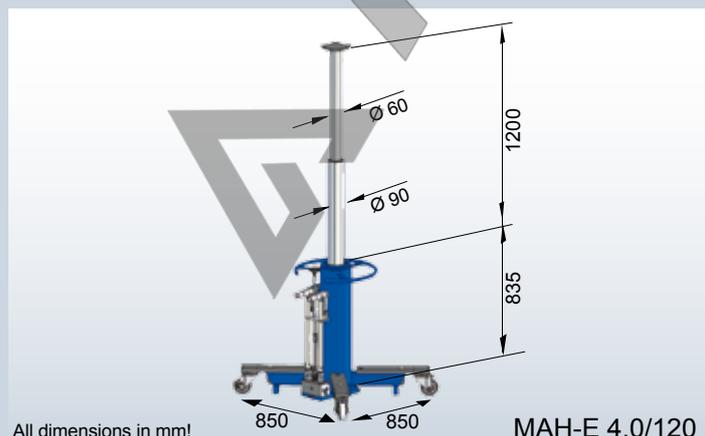
#### **Smooth maneuverability in pit**

Easy jack movement with spring loaded bearings for easy-run poly rollers 360° rotatable.

#### **Ergonomic**

This jack type can be adapted to the pit depth. The height can be set in steps to 1180 / 1380 / 1580 mm. The adjustment can be selected as an option.

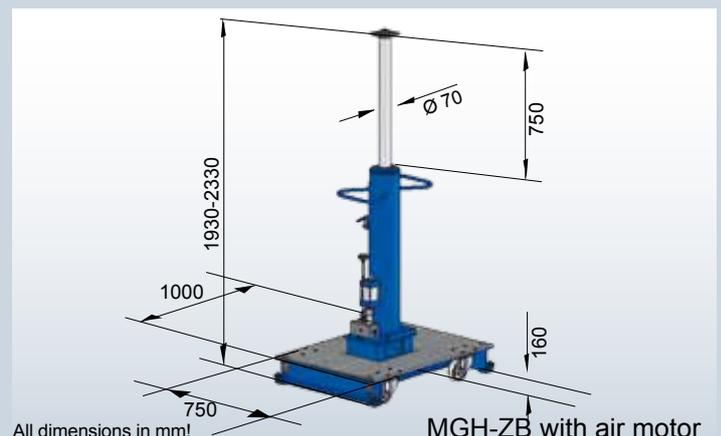
The floor running **Telescopic gear jack МАН-Е** with its freely movable carriage is especially suitable for motor and gear work in connection with a mobile wheel engaging system.



All dimensions in mm!

МАН-Е 4.0/120

The test stand jack **МАН-ZB** is suitable for test pits which do not have a continuous pit edge fitting for hanging jacks.



All dimensions in mm!

MGH-ZB with air motor

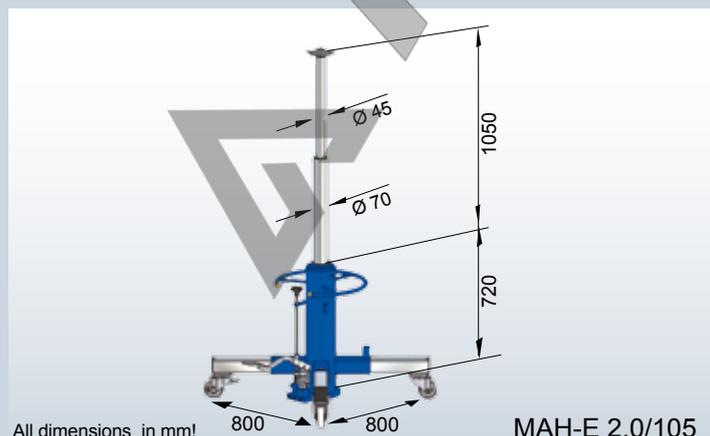
## Hydraulic/Pneumatic Universal Jack in Floor-Running Version as Repair Jack

### MAH-Z



MAH-Z 14.5/120

The floor-running **Telescopic-Transmission Jack MAH-Z 14.5/120** with a load capacity of 0.5 t is extremely flexible with a sturdy design suitable for removal and installation of motors and transmissions.



All dimensions in mm!

MAH-E 2.0/105

#### **Low Overall Height**

The low overall height of the jack means that a transmission clamped on the jack can be moved underneath the vehicle axle and then, behind the vehicle, removed from the jack.

Thanks to the generous lifting height, the removal and mounting of vehicle components can even be done on off-road vehicles with large ground clearance.

#### **Fast**

The piston stroke to the load point is done with a high speed lift. To adjust the axle traverse or to do transmission / component work, the slow load stroke is regulated with the foot control. In this way, both hands are free to do adjustment work.

#### **Flexible**

To easily reach and work in the upper areas of the vehicle, this jack has two steps installed. Working under vehicle is easy with the free-standing lifting cylinder.

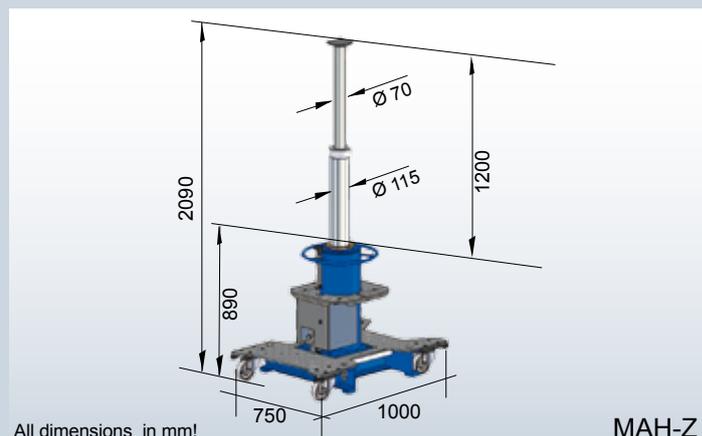
#### **Ergonomic**

The sturdy cover hood safely covers a variety of construction elements such as compressed air maintenance unit, air motor and control elements.

#### **Safe**

Vehicles must be securely lifted and supported. These accessories can be found on the following pages.

The telescopic-universal jack **MAH-Z 16.5/120** is ideal for transmission and other unit work. Suitable for vehicle lifting up to 16.5 t axle load. It can be used in working pits but also as supplement for mobile lift systems, track lifts or multi-cylinder system.



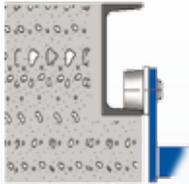
All dimensions in mm!

MAH-Z

## Adaption Jack Carriage for existing Working Pits

### Selection Criteria

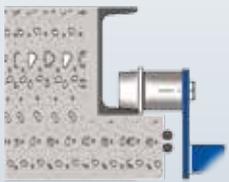
When selecting the jack carriage, pay attention to the existing pit protrusion. Pay close attention to any lighting that is installed in the pit when using hanging carriages.



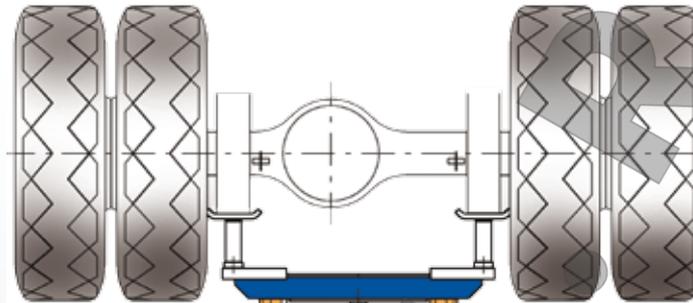
Serial rollers have a slight angle and fit most profiles.



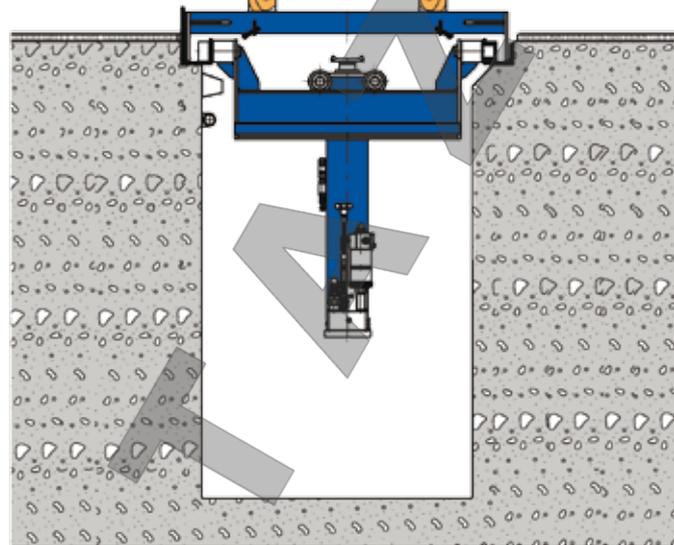
The serial rollers must be adapted for profiles with pronounced angle. (optional).



Protruding cement, lamps or lines etc. require that elongated rollers be used (optional).



Flexible  
By moving the side plates, the jack carriage is adjusted to the pit dimensions.



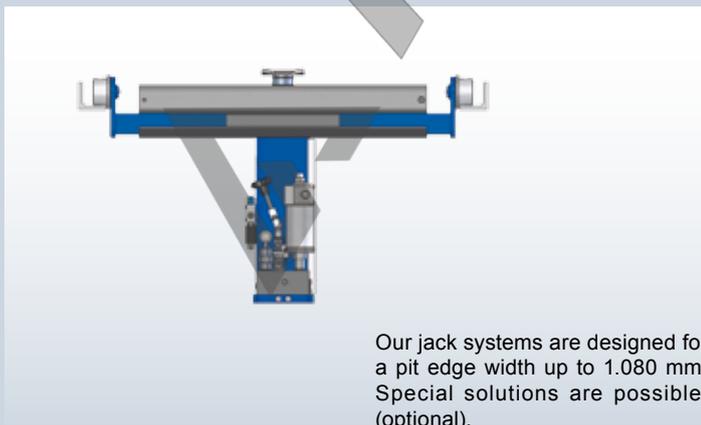
Our pit jacks are made to fit your pit dimensions. Please make use of our dimension sheet when placing your order!



The adjustment range is calculated in steps so that the jack installation can be done in a closed pit profile U 220. Only welded carriages are supplied with a load capacity of 20 t or more. Custom made carriages are offered for lower load capacities.

### S-Carriage

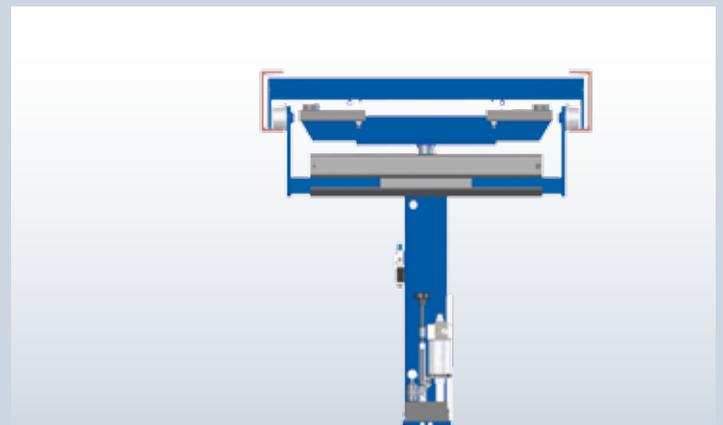
With this carriage, the upper end of the retracted piston rod is at the same level as the jack's total height. This means jacks with low lift can be used.



Our jack systems are designed for a pit edge width up to 1.080 mm. Special solutions are possible. (optional).

### P-Carriage

Professional use of support bridges with axle traverses in this version. The smooth, deeply drawn carriage side plates means axle traverses and other platforms can be moved underneath the support bridges.



## Ideal Pit Working Place

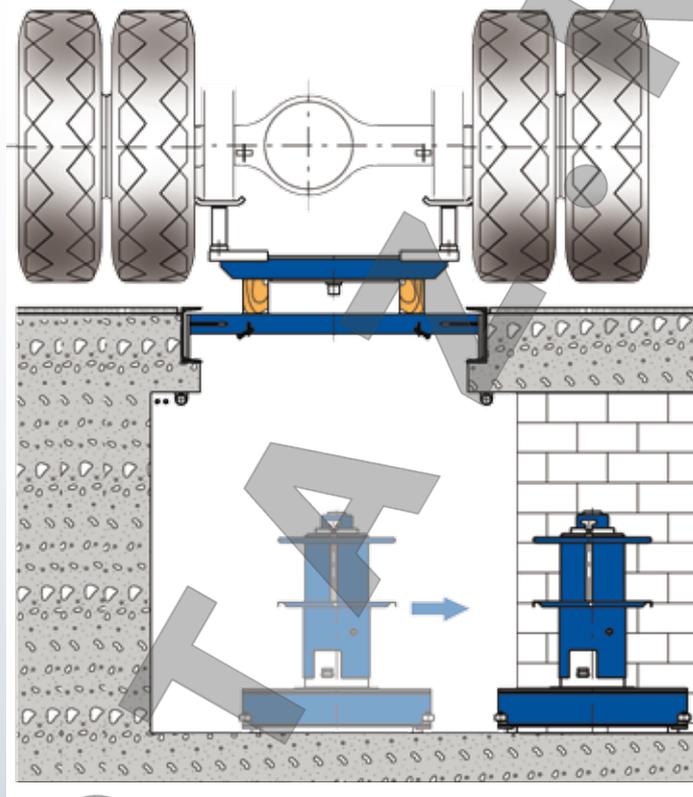
Optimum Pit Working Place recommended for new installations.

### Workplace-Friendly:

This pit variation offers generous space for working and has versatile usage.

### Pit Width:

The closed U-design provides a very wide pit opening for optimum working conditions. These details are described on page 14.



### Parking:

The jack can be parked in pit pockets.

### Workplace Utility:

The pit pockets can be used for storage of oil hoses and drums, used oil collector, grease presses, special tools and tool carts.

## Track Guided Pit Jacks

Track guided floor running axle / gear telescopic jacks are the ideal lifting system for working pits. These pit jacks run easy and smoothly on tracks. They offer optimum service for installation work. Another good advantage of the jack system is the fast movement within the working pit.

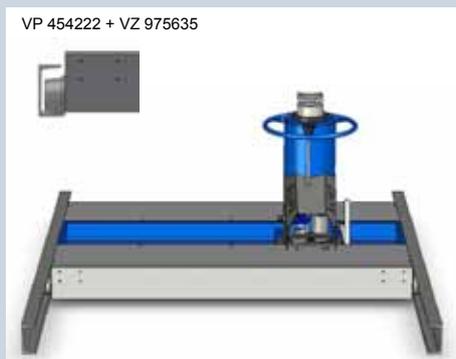
Axle- / Gear Telescopic jacks  
Model: MAH-ZF 14.5/120

Axle- / Gear telescopic jack  
Model: MAH-ZF 14.5/120  
with carriage version U

Axle- / Gear telescopic jack  
Model: MAH-ZF 14.5/120  
with carriage version with deflector rollers and cylinder rollers



VP 454222  
Flat steel with flange guidance



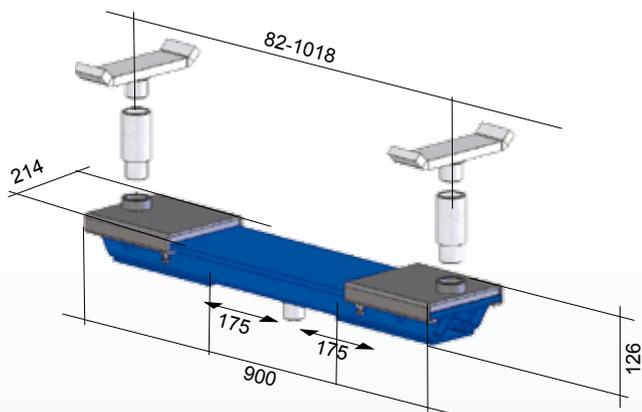
VP 454222 + VZ 975635  
U or L - Profil



VP 454222 + VZ 975614  
Flat steel with wall guidance

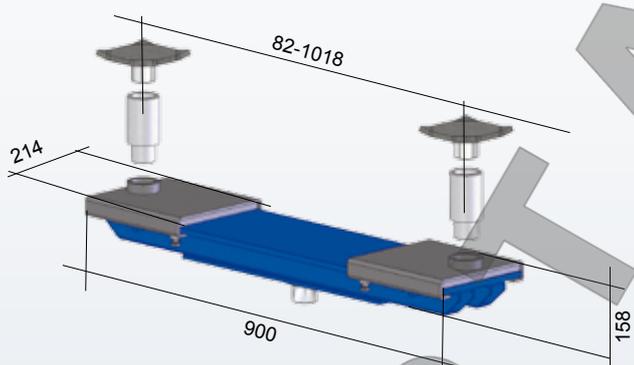
## Axle traverses

The axle traverses in the MAHA program are very flat and can remain in the pit when not being used and are not a hindrance for drive over.



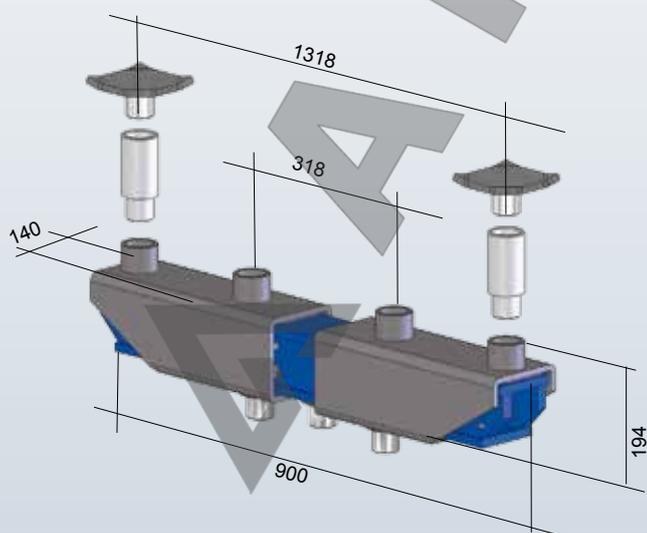
### AT-NB

The movable platform bolts of the AT-NB axle traverse can lift vehicles with offset load points. To reach the lifting points of the low-platform buses, the axle traverse height was limited to 126 mm.



### AT 15

The flat, slim design of the standard support bridge AT 15 is suitable for storage in the ABT 15 bridge.



### ATY

The ATY axle traverse is suitable for a large lifting area. This is needed for buses, municipal or military vehicles.

All dimensions in mm!

## Axle Traverse SAT - Self-supporting traverse

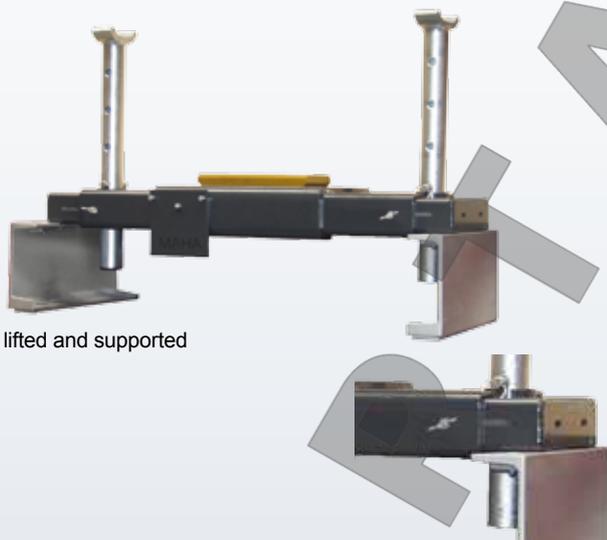
Axle traverse which can also be used as a support system !

**SAT**



Lifting at TWO points

Lifting at ONE point in the center



Vehicle lifted and supported



Extended with resting support and two point support

- New, easy operation
- Universal support heights
- Always „ready-for-operation“
- 15 t load capacity

### Axle traverse function

Lifting with SAT

- Vehicle lifting via two-point support of 510 – 1020 mm and synthetic center support
- The pipe extension system enables very high support heights.
- The extremely low support heights of the SAT are achieved by an optimum sliding design.
- The MAHA pit jack accessories can be used with this axle traverse

### Support Bridge Function

SAT setting is done by pulling out the setting support.

Setting under load:

- The SAT setting width or pit width is 910 – 1150 mm
- The free lifting room underneath the setting height is:  
Height: ca. 100 mm dependent upon vehicle suspension,  
Width: min. 910 mm
- After placement of the SAT the pit jack can be used for other tasks.

Resting position without load:

The storage is always in the working pit.

Possibilities are:

- on the pit jack, always in the place of application
- in the pit profile
- with placement auxiliary plates when using hanging pit jacks or with oil collection cart

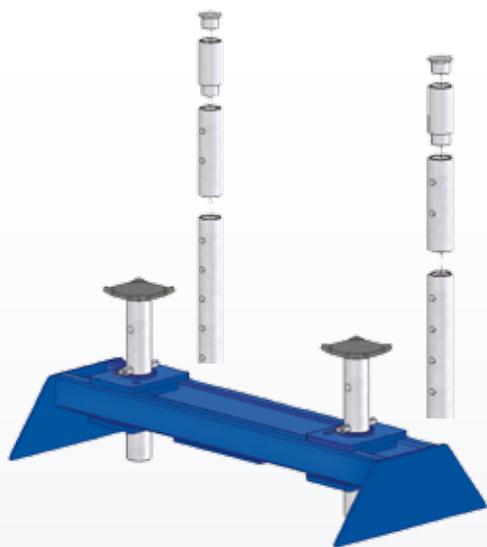
The low design height of the SAT enables easy storage and drive-over stability in the pit profile.

◀ SAT in resting position on the jack always ready for operation!

## Support Bridges AB

The use of a support bridge is the only safe method of vehicle support in order to work on it. Once the vehicle sits securely on the support bridge, the jack is freed up for other uses.

**AB**



The pipe extenders of support bridges may only be extended by one step.

### **Flexible**

Thanks to the continuous opening in the middle area of the support bridge the jack can be fully slid to one side.

Our support bridges are specially manufactured for the existing pit design.

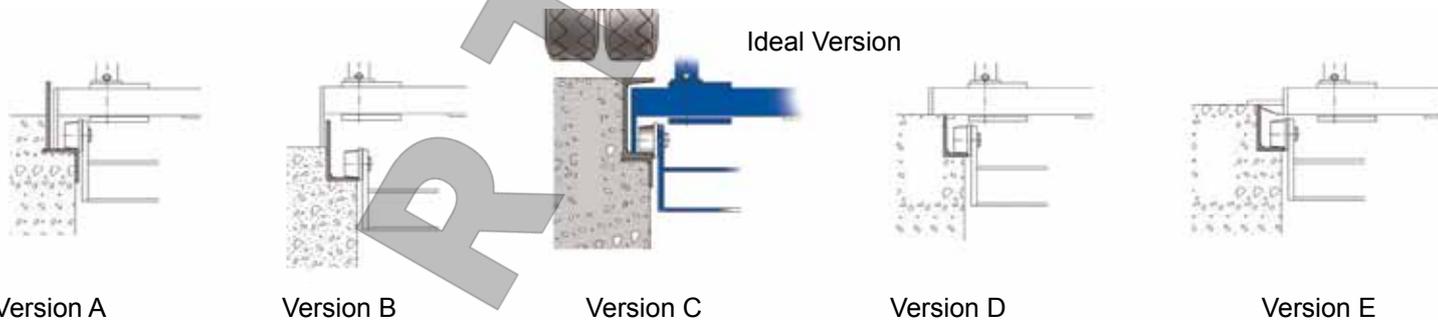
The maximum height of the support bridge is 185 mm, so that it fits well into the pit design. See Version C.

Highly placed parts such as frames can be supported with this support bridge and pipe extender set.

The support bridge can be supplied up to 16.5 t, adjustable in steps. It can then be used in various working pits.

### **Ergonomic**

The light design makes it easy to move the support bridge in the working pit.



The vehicle is lifted at the front axle yoke and supported with the support bridge via the support pipes.



The jack is freed to be used at other positions. The vehicle is securely supported.

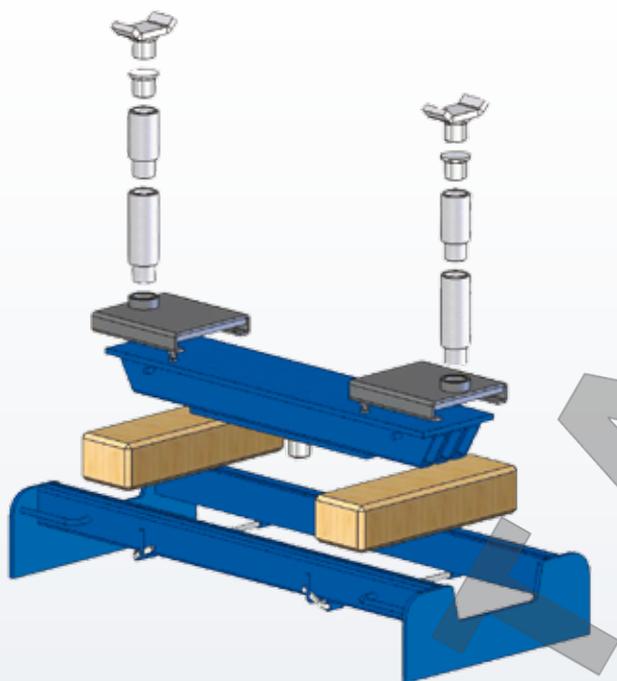


## Support System ABT

For lifting of vehicles at two lifting points.

Traverses with their support systems are necessary with offset differentials and many air-cushioned buses.

### ABT



The axle traverses may only be extended by one step (max. 150 mm)!

- ❶ Support system rests in the pit.
- ❷ Traverse lifts the vehicle up.
- ❸ Jack is freed up for other tasks.



#### **Flexible**

The support bridge is adjustable in steps and has a standard height of 185 mm. It fits into various working pits and in pit edge design C (picture page 12).

Optimum lifting of offset lifting points thanks to continuous support bridge opening. Especially helpful in connection with an axle traverse, movable sideways, for low-platform buses.

#### **User-friendly**

Under load, the axle traverse is settled on the wooden blocks, as shown. This is one of the fastest and quickest ways to support vehicles.

#### **Ergonomic**

When the support system is not used it remains in the pit. The axle traverse is laid in the support bridge.

#### **The advantages of this support bridge:**

**Lift vehicle, support it and free up the jack for other tasks.**



## Pit Edge Design

The choice of pit edge design determines whether the working pit is to be used as a repair pit, test stand pit or covered emergency pit.

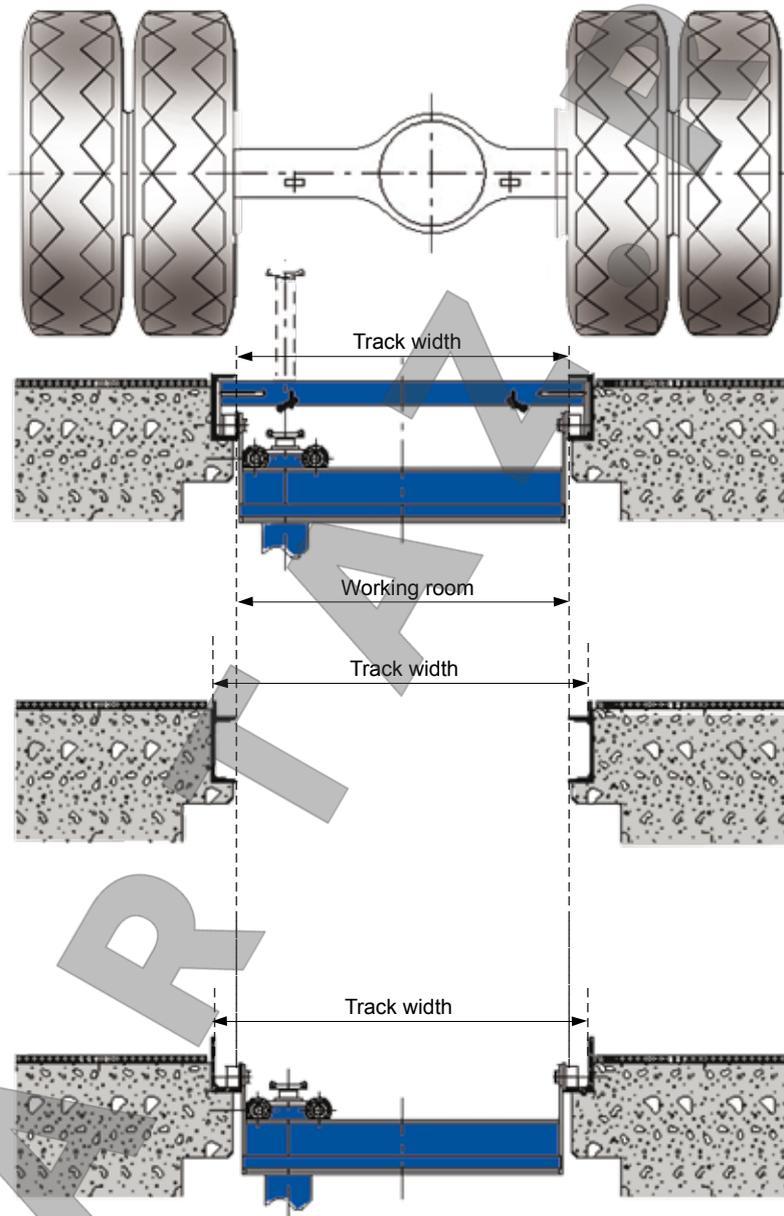
Our pit edges are designed with width and length dimensions. Re-closable openings are part of the pit edging to hang in the pit jacks and support systems.

The working area is the same as the track width.

The track width is ca. 130 mm wider than the working area.

The track width is ca. 180 mm wider than the working area.

A pit head can be used to drive safely in the test area.



### Ideal Pit Edging System

Pit profile U 220 without wheel deflector is the optimum working pit! The track width equals the working width and there is no wheel deflector to get in the way.

### Pit Edging with Cover

The pit profile U 220 is set deeper for placement of cover grids. The dimensions for the deeper setting are determined by the drive over load and cover grid thickness.

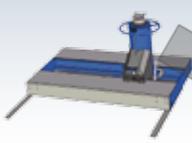
### Pit Edging System with Wheel Deflector

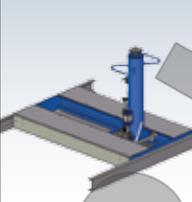
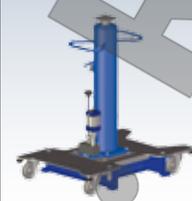
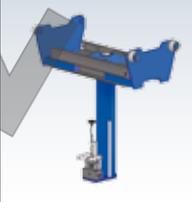
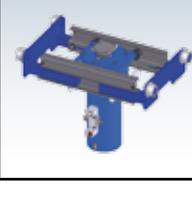
The pit profile L 180 with wheel deflector is suitable for test pits.

## Support and Jack Matrix

		2-Axle commercial vehicle	3-Axle commercial vehicle	4-Axle commercial	Bus	Bus-low plat.	Build.mach./technology	Municipal vehicles	Auto crane	Unimog	Vans	max. support load	Model	Article No.
Support system AB	<b>Application for:</b>													
	<b>Support of Front Axles</b> which can be lifted in the middle:	X	○	○	X	X	X	X	○	○	○	13.0 t	AB 13	VZ 975325
	consisting of: 1 x support bridge 2 x standard pads 2 x support pipe 400 mm 2 x plug	○	X	X	X	○	X	X	○	○	○	15.0 t	AB 15	VZ 975326
		○	○	○	○	○	X	X	X	○	○	20.0 t	AB 20	VZ 975526
Support system ABAY	<b>Support of drive axles</b> which must be lifted with an axle traverse, and for <b>front axles</b> , which can be lifted in the middle:	X	○	○	X		X	X	○	X	○	13.0 t	ABAY 13	VZ 975264
	consisting of: 1 x support bridge 2 x standard pads 2 x support pipes 400 mm 2 x plug	X	X	X	X		X	X	X	○	○	15.0 t	ABAY 15	VZ 975266
Extender set	Extender set <b>to extend</b> support pipes for AB- and ABAY-support systems:	X	X	X			X	X	○	○		15.0 t	EG 15	VZ 975268
	consisting of: 2 x mushrooms 2 x intermediate piece 150 mm 2 x support pipes 300 mm 2 x support pipe 600 mm	X	X	X			X	X	X	○	○	20.0 t	EG 20	VZ 975529
Support system ABT	<b>Support and lifting of rear axles</b> (e.g. with differential). These must be lifted via <b>Two point platform</b> with axle traverse	X	X	X	X		X	X	○	○		15.0 t	ABT 15	VZ 975269
	consisting of: 1 x support bridge 1 x traverse 2 x slim pads 2 x mushrooms 2 x intermediate pieces 100 mm 2 x intermediate pieces 150 mm 2 x wooden blocks	○	○	○	○		X	X	X	○	○	20.0 t	ABT 20	VZ 975271
Support system AT-NB	<b>Support and lifting of Rear axles</b> which must be lifted with an axle traverse. Necessary if the bottom clearance of the vehicle is very small and the vehicle cannot be lifted with offset axle.	○	○	○	X	X	○	○	○	○	○	11.0 t	AT-NB 11	VZ 975273
	consisting of: 1 x support bridge 1 x traverse for low-platform buses 2 x large pads 2 x wooden blocks	○	○	○	X	○	○	○	○	○	○	15.0 t	AT-NB 15	VZ 975274

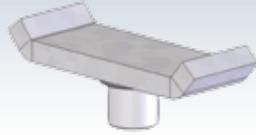
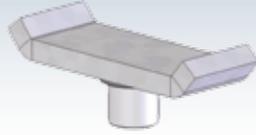
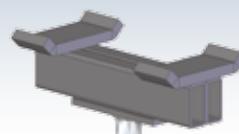
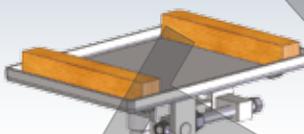
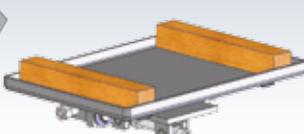
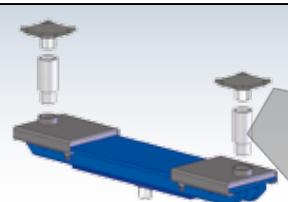
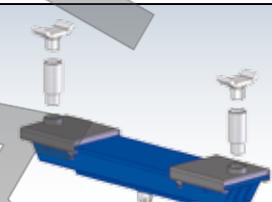
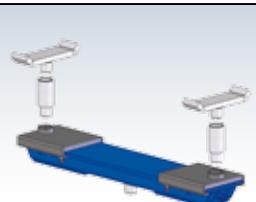
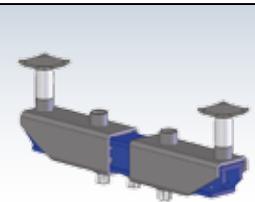
X Ideal    ○ Possible

	Lift	Load	Drive	Hole diameter	Model	Article No.	Picture	Description		
Axle and Gear Jack	MAH-ZF	1200	14.5 t	8 bar	floor-running, on tracks	MAH-ZF 14.5/120	VP 454222		Axle-/ Gear telescopic jack, track-guided with inner flange rollers. Equipped like MAH-Z.	
			16.5 t	8 bar		MAH-ZF 16.5/120	VP 454223			
						F-FG	VZ 975614			Equipped like MAH-Z.
						U-FG	VZ 975635			Carriage with flange rollers.
	MAH-Z	1200	14.5 t	8 bar	hanging carriage	MAH-ZH 14.5/120	VP 454224		Axle-/ Gear telescopic jack in hanging carriage. Equipped like MAH-Z.	
			16.5 t	8 bar		MAH-ZH 16.5/120	VP 454225			
			14.5 t	8 bar	freely movable	MAH-Z 14.5	VP 454202		Axle-/ Gear telescopic jack, freely movable with pneumatic rapid stroke and automatic load stroke. Pneumatic forced cylinder retraction. With feedbackair maintaince unit.	
			16.5 t	8 bar		MAH-Z 16.5	VP 454203			
						XQ	VZ 975588			Carriage freely movable and cross-slidable
	MAH-E	1050	2 t	8 bar	freely movable	MAH-E 2.0/105	VP 254200		Gear jack with pneumatic rapid stroke and foot-hydraulic load stroke. The design height is 720 mm lowered without abgesetzt ohne Pratzte.	
1200		4 t	8 bar	MAH-E 4.0/120		VP 254201		Gear jack with pneumatic rapid stroke and foot-hydraulic load stroke. The design height is 835 mm positioned without pads.		

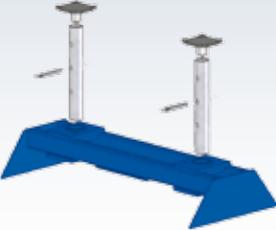
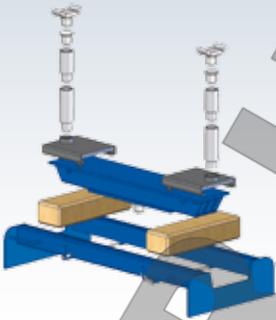
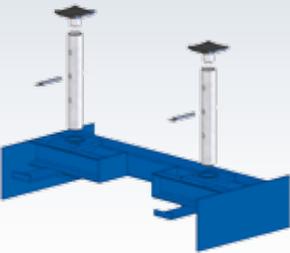
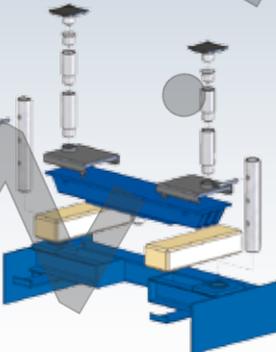
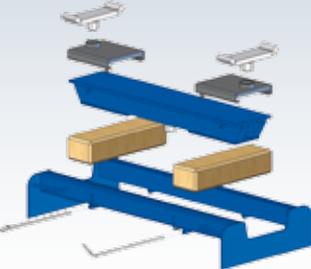
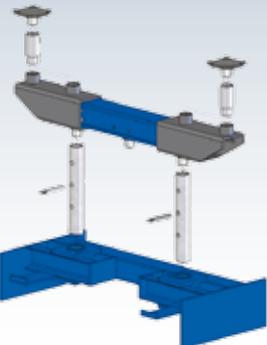
	Lift	Load	Drive	Hole diameter	Model	Article No.	Picture	Description		
Pit Jack without Telescopic Steps	MGH-ZBF	750	11 t	floor-running, on tracks	MGH-ZBF 11.0/750	VP 454227		Pit jack floor running, model: MGH-ZBF, 750 mm stroke with rapid control, optional air motor, track-guided with inner flange rollers. Optional raising assembly for pit adaptation of the height.		
			14,5 t		MGH-ZBF 14.5/750	VP 454228				
			16,5 t		MGH-ZBF 16.5/750	VP 454229				
			20 t		MGH-ZBF 20.0/750	VP 454230				
			F-FG		VZ 975614				Pit jack hydraulic / pneumatic axle jack, Model: MGH-ZB, standard height 1180 mm, manual-hydraulic load stroke with a manual pump, pneumatic rapid stroke, pneumatic forced feedback of the cylinder	
			U-FG		VZ 975635					
		750	11 t		MGH-ZB 11.0/750					VP 454231
			14,5 t		MGH-ZB 14.5/750					VP 454232
	16,6 t		MGH-ZB 16.5/750	VP 454233						
	20 t		MGH-ZB 20.0/750	VP 454234						
		XQ	VZ 975588		Carriage version XQ additionally movable					
	MGH	750	2 t	P-carriage	MGH 2.0/75		VP 254002			Pit Jack, Model: MGH 750 mm lifting height, Manual hydraulic operation with manual pumps for high-speed and load lift, hard-chromed piston rod
			5,5 t		MGH 5.5/75	VP 254013				
			11 t		MGH 11.0/75	VP 454014				
			14,5 t		MGH 14.5/75	VP 454016				
			16 t		MGH 16.5/75	VP 454017				
			20 t		MGH 20.0/75	VP 454018				
			30 t		MGH 30.0/75	VP 454069				
			450		2 t	S-carriage	MGH 2.0/45		VP 254001	
		5,5 t		MGH 5.5/45	VP 254014					
11 t		MGH 11.0/45		VP 454002						
14,5 t		MGH 14.5/45		VP 454003						
16 t		MGH 16.5/45		VP 454004						
			8 - 10 bar			VZ 975604		Rapid control for fast up and down movement of the piston rod to load point.		
		8 - 10 bar			VZ 975261		Air Motor, additional unit for automatic load lift, air volume 400 - 500 l/min			
MGH-E	750	11 t	P-carriage	MGH-E 11.0/75	VP 454062		Pit jack, model: MGH-E, 750 mm lifting height, electro-hydraulic rapid and load lift power: 2.5 kW/380 V, extreme sensitive or extreme fast control of the jack.			
		14,5 t		MGH-E 14.5/75	VP 454063					
		16,5 t		MGH-E 16.5/75	VP 454064					
MGH-L	450	2,0 t	S-carriage	MGH-L 2.0/45	VP 254011		Pit jack pneumatic with key control.			
		3,5 t		MGH-L 3.5/45	VP 254012					

Standard delivery includes the adjustable standard carriage up to a load capacity of 16.5 t, all other carriages are custom made. Please fill out the pit dimensions sheet carefully. Special carriages may be necessary due to local circumstances, e.g. due to extra-wide pits or pit protrusions. This is at extra charge. Extra charges may occur subsequently when checking the dimension sheet.

## Accessories for Pit Jacks

			
<b>Standard Pads</b> 4.5 t, 30 mm, VZ 975365 20.0 t, 45 mm, VZ 975278	<b>Narrow pad 100 mm surface</b> 20.0 t, 45 mm, VZ 975280	<b>Large Pad 145 mm surface</b> 20.0 t, 45 mm, VZ 975284 <b>Large Pad 175 mm surface</b> 20.0 t, 45 mm, VZ 975285 <b>Large Pad 220 mm surface</b> 16.5 t, 45 mm, VZ 975283	<b>Wooden pad</b> 4.5 t, 30 mm, VZ 975367 16.0 t, 45 mm, VZ 975409 <b>Pad with rubber surface</b> 4.5 t, 30 mm, VZ 975369 10.0 t, 45 mm, VZ 975287
			
<b>Mushrooms</b> 20.0 t, 45 mm, VZ 975569	<b>Lift extenders 100 mm</b> 4.5 t, 30 mm, VZ 975372 16.5 t, 45 mm, VZ 975289 <b>Lift extenders 150 mm</b> 4.5 t, 30 mm, VZ 975373 16.5 t, 45 mm, VZ 975290 <b>Lift extenders 200 mm</b> 16.5 t, 45 mm, VZ 975410	<b>Support pipe 300 mm</b> 4.5 t, 30 mm, VZ 975390 15.0 t, 45 mm, VZ 975411 20.0 t, 45 mm, VZ 975412 <b>Support pipe 400 mm</b> 4.5 t, 30 mm, VZ 975391 15.0 t, 45 mm, VZ 975330 20.0 t, 45 mm, VZ 975413 <b>Support pipe 600 mm</b> 4.5 t, 30 mm, VZ 975392 15.0 t, 45 mm, VZ 975331 20.0 t, 45 mm, VZ 975570	<b>Front Axle Fork</b> for MB-Sprinter synthetic coated 2-point surface 15.0 t, 45 mm, VZ 975288
			
<b>Wooden block</b> for support system ABT, VZ 975414	<b>Transmission plate swivable</b> 1 x 45° and 2 x 10° swivable Platform surface 536 x 366 mm 0.8 t, 45 mm, VZ 975315	<b>Transmission plate swivable</b> 1 x 45° swivable and 2 x 10° inclinable via spindle, incl. tightening strap with quick lashing Platform surface 536 x 366 mm 0.8 t, 45 mm, VZ 975416	<b>Maintenance unit 1/4"</b> VZ 975320 at jack
			
<b>Axle traverse 6.0</b> Adjustable from 82 – 1018 mm 6.0 t, 45 mm, VZ 975262	<b>Axle traverse 15.0</b> Adjustable from 82 – 1018 mm 15.0 t, 45 mm, VZ 975263	<b>Axle traverse for low-platform buses</b> Adjustable from 82 – 1018 mm 11.0 t, 45 mm, VZ 975395, 126 high 15.0 t, 45 mm, VZ 975396, 146 high	<b>Axle traverse for municipal vehicles</b> Adjustable from 318 – 1318 mm 13.0 t, 45 mm, VZ 975518, 194 high

## Support Systems

	<p><b>Support system AB</b> without middle recess</p> <p>Inclusive: 2 x Standard pads 2 x Support pipe L = 400 mm 2 x Insert bolts</p> <p>Pit width B up to 1080 mm 13.0 t, VZ 975325 15.0 t, VZ 975326</p> <p>Pit width B from 1080 mm up to 1200 mm at extra charge</p>		<p><b>Support system ABT</b> without middle recess</p> <p>Inclusive: 1 x Support bridge ABT 1 x Axle traverse 2 x slim pads 2 x mushrooms 2 x intermediate piece L=100 mm 2 x intermediate piece L=150 mm 2 x wooden block</p> <p>Pit width B up to 1.080 mm 15.0 t, VZ 975269 20.0 t, VZ 975271</p> <p>Pit width B from 1080 mm up to 1280 mm at extra charge</p>
	<p><b>Support system ABAY</b> with middle recess</p> <p>Inclusive: 2 x Standard pads 2 x Support pipe L = 400 mm 2 x Insert bolts</p> <p>Pit width B up to 1.080 mm 13.0 t, VZ 975264 15.0 t, VZ 975266</p> <p>Pit width B from 1080 mm up to 1200 mm at extra charge</p>		<p><b>Support system ABTA</b> with middle recess</p> <p>Inclusive: 1 x Support bridge ABY 1 x Axle traverse AT 2 x Support pipe L = 400 mm 2 x Insert bolts 2 x Slim pads 2 x Mushrooms 2 x Intermediate pieces L=100 mm 2 x Intermediate pieces L=150 mm 2 x Wooden blocks</p> <p>Pit width B up to 1080 mm 15.0 t, VZ 975275</p> <p>Pit width B from 1080 mm up to 1200 mm at extra charge</p>
	<p><b>Support system ABT-NB</b> For MB-/MAN-low-platform buses 11 t load capacity</p> <p>Inclusive: 1 x Support bridge ABT-NB 1 x Axle traverse for low-platform buses 2 x Wooden blocks 2 x Large pads</p> <p>Pit width B up to 1080 mm 11.0 t, VZ 975273</p> <p>Pit width B from 1080 mm up to 1200 mm at extra charge</p>		<p><b>Support system ABTY</b> with middle recess Production dimensions up to 1080 mm</p> <p>Inclusive: 1 x Support bridge ABY 1 x Axle traverse ATY 2 x Support pipe L = 400 mm 2 x Insert bolts 2 x Intermediate pieces L=100 mm 2 x Standard pads</p> <p>13.0 t, VZ 975520</p> <p>Pit width B from 1080 mm up to 1200 mm at extra charge</p>
	<p><b>Extender set</b> Inclusive:</p> <p>2 x Mushrooms 2 x Intermediate pieces L=150 mm 2 x Support pipes L = 300 mm 2 x Support pipes L = 600 mm</p> <p>15.0 t, VZ 975268 20.0 t, VZ 975529</p>		

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