

M45N/M45AT/M45LT/M45LTAT

IN GROUND SCISSOR LIFTS OF THE M-SERIES ARE TAILORED FOR THE RECEIVING AREA AND FOR AXLE MEASURING. DEPENDING ON THE AREA OF APPLICATION, THE M-SERIES IS AVAILABLE IN FOUR BASIC CONFIGURATIONS AND TWO DIFFERENT PLATFORM LENGTHS.

The hydraulic synchronization system with automatic leveling prevents uneven lifting or lowering of the load.

The integrated emergency lowering device allows the lift to be lowered in the event of a power failure. The lift itself is operated from a safe distance via the operating panel.

Robust pushbuttons ensure smooth operation of the lift. Convenient storage trays in the control console offer space for tools, screws and the like.

Safety is an essential factor. The platforms are constantly monitored via a light barrier. As of a height difference of ± 50 mm, the automatic switchoff is immediately enabled.

The control console features an integrated hydraulic unit and thus considerably helps reduce the installation effort. All 4 side parts can easily be removed for maintenance.

Non-contact inductive proximity switches provide for reliable functioning even in harsh environments. Moreover, there is no mechanical wear.

The figure shows M45LTAT-42

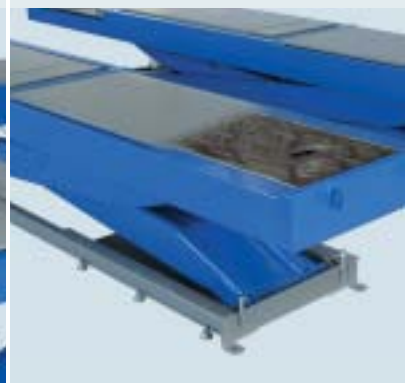
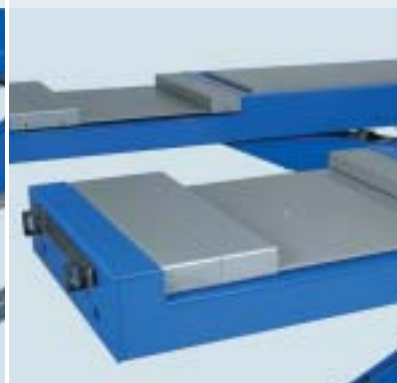
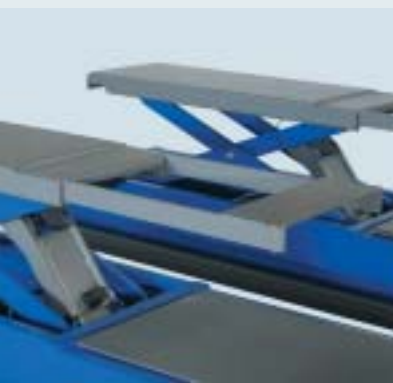
DETAILS

To facilitate flexible support of small as well as large vehicles, the lifting tables of all the LT models are equipped with extensible platform elongations.

The main cylinder as well as the lifting cylinders of the lifting table are equipped with a drop-off facility that can be locked pneumatically. This guarantees exact axle measuring and a high degree of safety at the workplace.

All the AT models are characterized by recesses integrated into the drive surface for supporting rotary plates. Filler sheets are used for adoption to different wheel bases.

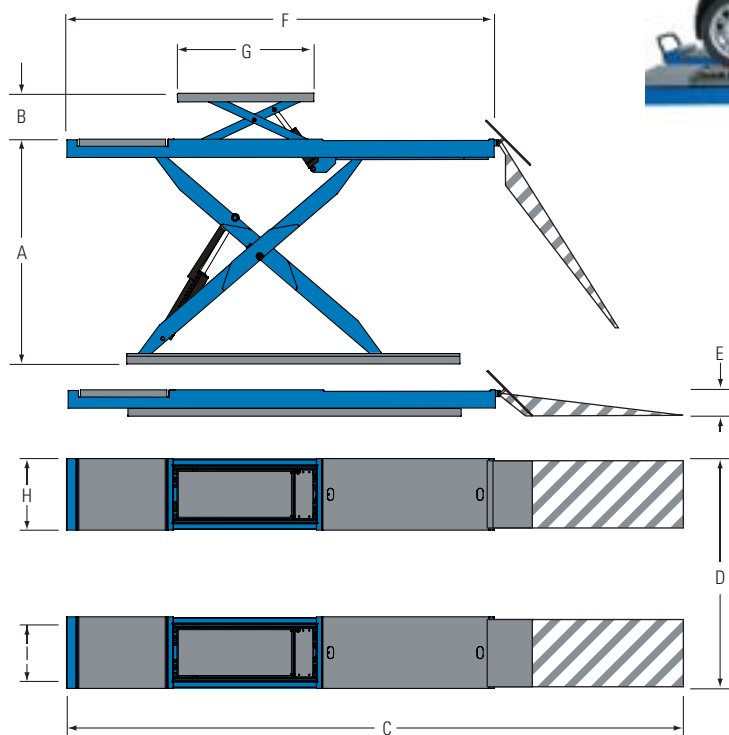
Integrated sliding plates that can be locked pneumatically are the basis for effortless axle measuring. The special plastic roller bearing assembly provides for reliable functioning and a long life cycle.



Model:	M45N-42	M45N-48	M45NAT-42	M45NAT-48	M45LT-42	M45LT-48	M45LTAT-42	M45LTAT-48
Capacity	4500 kg	4500 kg	4500 kg	4500 kg	4500 kg	4500 kg	4500 kg	4500 kg
A. Stroke	1800 mm	1800 mm	1800 mm	1800 mm	1800 mm	1800 mm	1800 mm	1800 mm
B. Lifting table stroke	-	-	-	-	450 mm	450 mm	450 mm	450 mm
C. Overall length short/ long ascending ramps	5800/6200 mm	6400/6800 mm	5800/6200 mm	6400/6800 mm	5800/6200 mm	6400/6800 mm	5800/6200 mm	6400/6800 mm
D. Overall width	2300 mm	2300 mm	2300 mm	2300 mm	2300 mm	2300 mm	2300 mm	2300 mm
E. Ascending height	360 mm	360 mm	360 mm	360 mm	360 mm	360 mm	360 mm	360 mm
F. Platform length	4200 mm	4800 mm	4200 mm	4800 mm	4200 mm	4800 mm	4200 mm	4800 mm
G. Platform length, lifting table	-	-	-	-	1350-2100 mm	1350-2100 mm	1350-2100 mm	1350-2100 mm
H. Platform width	725 mm*	725 mm*	725 mm*	725 mm*	704 mm	704 mm	704 mm	704 mm
I. Platform width, lifting table	-	-	-	-	500 mm	500 mm	500 mm	500 mm
Motor performance	3 kW	3 kW	3 kW	3 kW	3 kW	3 kW	3 kW	3 kW
Electrical connection (3 phases)	230/400 V, 50 Hz	230/400 V, 50 Hz	230/400 V, 50 Hz	230/400 V, 50 Hz	230/400 V, 50 Hz	230/400 V, 50 Hz	230/400 V, 50 Hz	230/400 V, 50 Hz
Compressed air connection	6-8 bar	6-8 bar	6-8 bar	6-8 bar	6-8 bar	6-8 bar	6-8 bar	6-8 bar
Lifting time	45 s.	45 s.	45 s.	45 s.	45 s.	45 s.	45 s.	45 s.
Lifting time, lifting table	-	-	-	-	15 s.	15 s.	15 s.	15 s.
Lowering time	45 s.	45 s.	45 s.	45 s.	45 s.	45 s.	45 s.	45 s.
Lowering time, lifting table	-	-	-	-	20 sec.	20 sec.	20 sec.	20 sec.
Weight	1800 kg	1900 kg	1900 kg	2000 kg	2200 kg	2300 kg	2400 kg	2500 kg

* Dimensions incl. rails for jacking beam

N standard
AT for axle measuring
LT with lifting table
ATLT for axle measuring with lifting table



ACCESSORIES

Short drive on ramps for surface assembly (1600 mm)



OPTIONS

Hydraulic articulation clearance testing device (2-fold or 8-fold)



Long drive on ramps for surface assembly (2000 mm)



Lighting kit made up of 4 fluorescent tubes



4 rubber bases, height 40 mm





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Rotary Lift's story of success started in 1924. Inspired by a barber chair rising in the air, company founder Peter Lunati developed the world's first vehicle lift. The lift could rotate. This design made it possible for vehicles to drive on and off the lift in forward gear. An important argument considering the frequent problem of reversing at that time. The patent for the lift was granted on September 1, 1925 and Rotary Lift – the company – was born.

Over 75 years later, Rotary Lift has grown to become the world leader in vehicle lift productivity. Apart from the headquarters in Madison, Indiana (USA) and the European Control Center in Bräunlingen, Germany, numerous global subsidiaries attend to the desires and requirements of our customers.

With this unique network, Rotary Lift has the opportunity of analyzing and recognizing market trends at an early stage and of applying that knowledge to generate global standards. Worldwide product releases of numerous vehicle manufacturers emphasize this approach.



Headquarter
Madison, IN USA

European Control Center
Bräunlingen, Germany

Rotatable
One of the first lifts of Rotary Lift



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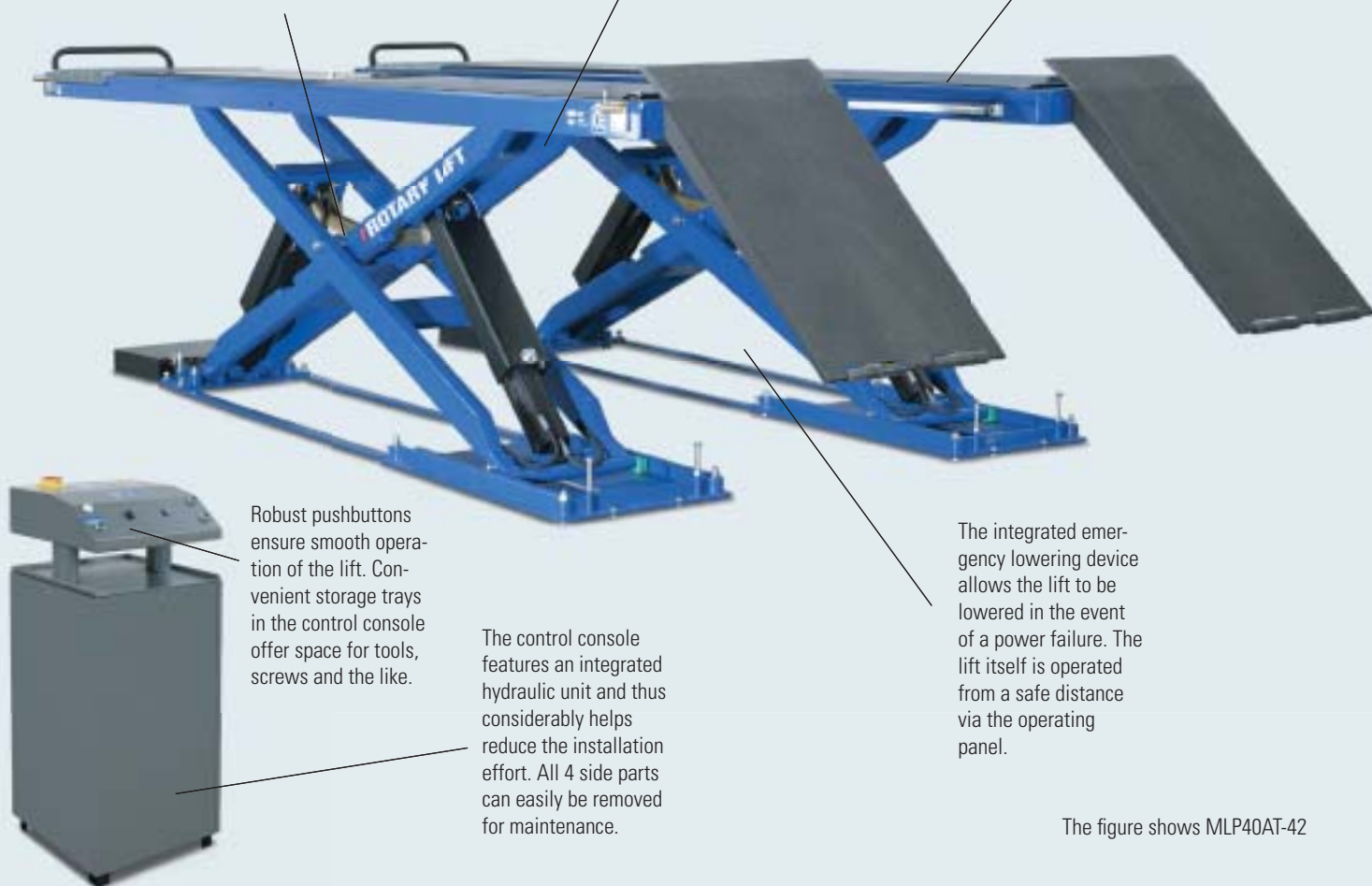
MLP30/MLP40/MLP50/MLP40AT

SURFACE SCISSOR LIFTS OF THE MLP SERIES ARE PRIMARILY CHARACTERIZED BY AN EXTREMELY FLAT DESIGN. THE ASCENDING HEIGHT IS MERELY 120 MM AT A CAPACITY OF 3000 KG. DUE TO THE PRACTICE-ORIENTED EQUIPMENT, MLP SCISSOR LIFTS ARE ESPECIALLY SUITED FOR THE RECEIVING AREA. THE TWO AT VERSIONS MEET THE REQUIREMENTS FOR AXLE MEASURING.

The hydraulic synchronization system with automatic leveling prevents uneven lifting or lowering of the load.

Non-contact inductive proximity switches provide for reliable functioning even in harsh environments. Moreover, there is no mechanical wear.

Safety is an essential factor. The platforms are constantly monitored via a light barrier. As of a height difference of ± 50 mm, the automatic switchoff is immediately enabled.



Robust pushbuttons ensure smooth operation of the lift. Convenient storage trays in the control console offer space for tools, screws and the like.

The control console features an integrated hydraulic unit and thus considerably helps reduce the installation effort. All 4 side parts can easily be removed for maintenance.

The integrated emergency lowering device allows the lift to be lowered in the event of a power failure. The lift itself is operated from a safe distance via the operating panel.

The figure shows MLP40AT-42

DETAILS

The extremely low drive over height – merely 125 mm at a capacity of 3000 kg - facilitates the support of vehicles with low ground clearance.

The special lifting system provides the maximum capacity across the entire lifting range. Further advantages: high degree of stability and low installation height.

Two independently operating hydraulic circuits with a total of 4 lifting cylinders eliminate the need for additional safety catches. Thus, MLP scissor lifts can be operated without auxiliary compressed air supply.

In AT configuration, the MLP series is equipped with a pneumatically lockable drop-off facility. This guarantees exact axle measuring and a high degree of safety at the workplace.

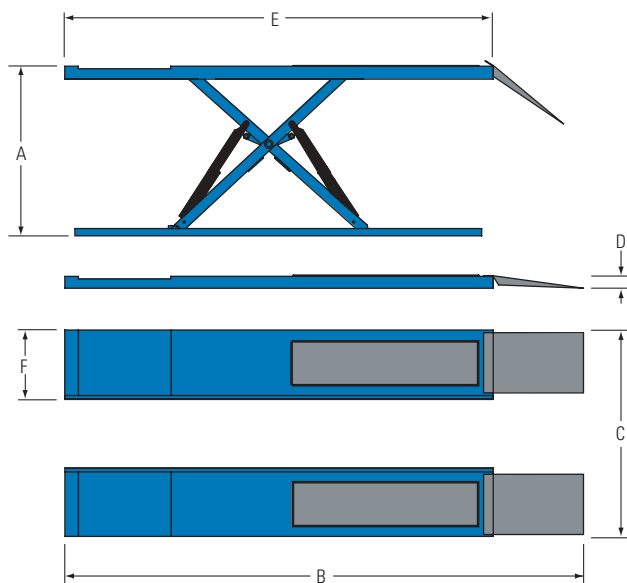


Model:	MLP30	MLP40	MLP50	MLP40AT-42
Capacity	3000 kg	4000 kg	5000 kg	4000 kg
A. Stroke	1950 mm	1950 mm	1950 mm	1950 mm
B. Overall length short/ long drive on ramps	4400/- mm	4800/- mm	5800/- mm	5200/5800 mm
C. Overall width	2235 mm*	2235 mm*	2235 mm*	2335 mm*
D. Closed height	125 mm	145 mm	180 mm	180 mm
E. Platform length	3800 mm	4200 mm	4800 mm	4200 mm
F. Platform width	710 mm**	710 mm**	710 mm**	760 mm**
Motor performance	3 kW	3 kW	3 kW	3 kW
Electrical connection (3 phases)	230/400 V, 50 Hz	230/400 V, 50 Hz	230/400 V, 50 Hz	230/400 V, 50 Hz
Compressed air connection	-	-	-	6-8 bar
Lifting time	50 s.	50 s.	50 s.	50 s.
Lowering time	40 s.	40 s.	40 s.	40 s.
Weight	1300 kg	1500 kg	1700 kg	2200 kg

* Deviating dimensions with optional jacking beam

** Dimensions incl. rails for jacking beam

AT for axle measuring



All the AT models are characterized by recesses integrated into the drive surface for supporting rotary plates. Filler sheets are used for adoption to different wheel bases.

Integrated sliding plates that can be locked are the basis for effortless axle measuring. The special plastic roller bearing assembly provides for reliable functioning and a long life cycle.

The run-up yokes on the face of the drive surface are hinged, an important prerequisite for axle measuring with cramped front wheels.

OPTIONS

Long drive on ramps for sports cars



Lighting kit made up of 4 fluorescent tubes



SCISSOR LIFTS

M45

MLP30/40/50

