TWO-POST LIFTS

SPOA3T/30/40

SPO40/54/65

SPOA3T

THE NEW SPOA3T 2-POST LIFTS OFFER MAXIMUM DRIVE-THROUGH CLEARANCE WITH MINIMUM EXTERNAL DIMENSIONS. THE ASYMMETRICAL DESIGN OF THE POSTS AND SUPPORTING ARMS ALSO PROVIDES A SPACIOUS PICK-UP AREA – THE LIFT CAN BE ENTERED FROM EITHER SIDE.

Non load bearing cables ensure even lifting and lowering.

The energy-efficient electro-hydraulic design provides for low noise and effective work.

An limit bar prevents the vehicle from being lifted too high. This feature effectively protects taller vehicles from being damaged.

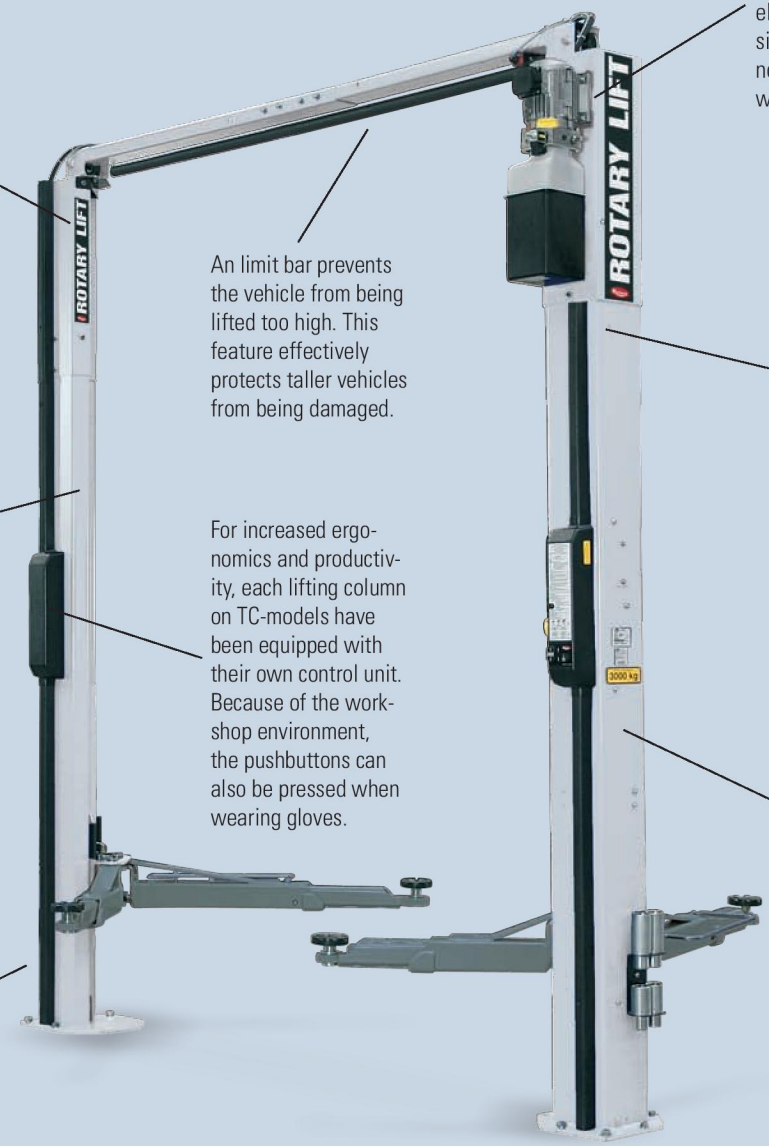
The powerful hydraulic unit is flange-mounted in the upper area of the lifting column. The motor is equipped with a temperature-operated switch as an overload protection. It is protected against outside influences and ensures more freedom of action and low noise in the work bay.

The mechanical safety latch integrated on both columns locks the lift carriage in position in emergency situations and thus ensures maximum safety. The safety latch is released automatically when the lift carriage is raised or lowered.

For increased ergonomics and productivity, each lifting column on TC-models have been equipped with their own control unit. Because of the workshop environment, the pushbuttons can also be pressed when wearing gloves.

Each lifting column features a maintenance-free high pressure cylinder.

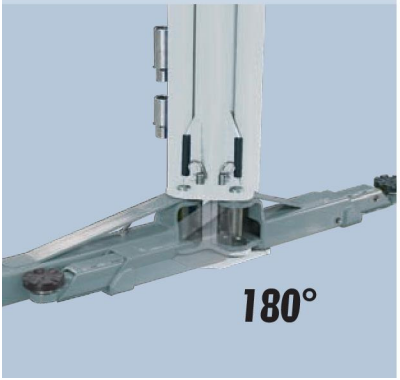
The base frame free design eliminates the risk of trip hazards on the workshop floor and reduces installation cost.



The figure shows SPOA3T with optional accessories.

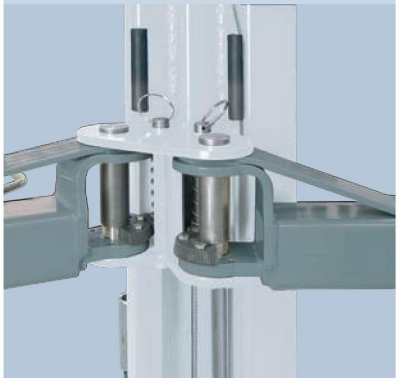
DETAILS

The rear supporting arms can swivel through 180°. This substantially increases the pick-up flexibility, allowing vehicles with a short or long wheelbase to be lifted without difficulty.



The lift carriage bearings are made of self-lubricating and absolutely maintenance-free Tivar® 1000 polyethylene. Two characteristics that help reduce operating expenses considerably.

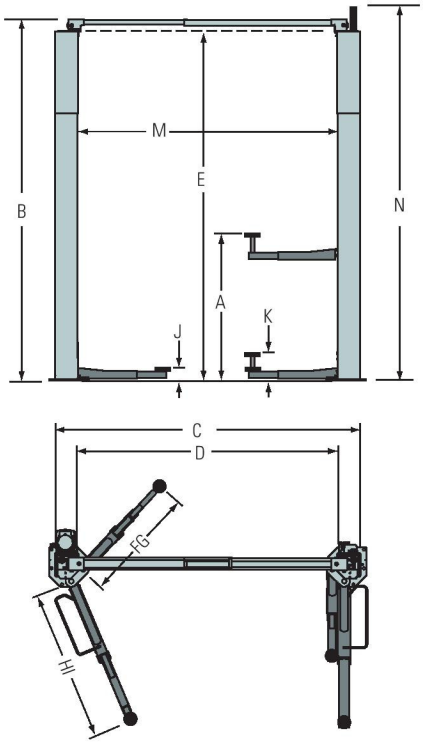
The supporting arms are automatically locked in position during the lifting operation. Once the lift has been completely lowered, this interlock is automatically released. The very narrow spacing between the locking positions and a manual unlocking function enhance the ease of use.



The modern, asymmetrical post design provides a generous drive-through clearance of 2,350 mm, so even large vehicles can be easily accommodated.

	Model:	SPOA3TS 3-stage sup. arms	SPOA3TC 3-stage sup. arms
	Capacity	3000 kg	3000 kg
A.	Stroke	1972 mm	1972 mm
B.	Overall height EH1 EH2	3785 mm 3865 mm 4170 mm	3785 mm 3865 mm 4170 mm
C.	Overall width	3000 mm	3000 mm
D.	Drive through clearance	2336 mm	2336 mm
E.	Switchoff level EH1 EH2	3455 mm 3760 mm 4065 mm	3455 mm 3760 mm 4065 mm
F.	Support bracket length on the front min.	536 mm	536 mm
G.	Support bracket length on the front max.	1105 mm	1105 mm
H.	Support bracket length on the rear min.	837 mm	837 mm
I.	Support bracket length on the rear max.	1475 mm	1475 mm
J.	Rotary plate height min.	94 mm	94 mm
K.	Rotary plate height max.	169 mm	169 mm
M.	Column spacing, interior dimension	2560 mm	2560 mm
N.	Cylinder height at max. stroke*	3785 mm	3785 mm
	Motor performance	4,0 kW	4,0 kW
	Electrical connection (3 phases)	400 V, 50 Hz	400 V, 50 Hz
	Lifting time	31 sec.	31 sec.
	Required ceiling height EH1 EH2	3800 mm 3920 mm 4230 mm	3800 mm 3920 mm 4230 mm

* Cylinder height with standard models larger than overall height.



The asymmetrical construction combined with the design of the supporting arms provides good door clearance – either in front of or behind the lifting post.

Sports car supporting arm (3-stage)

ACCESSORIES

Rotary adaptor extension kit for passenger cars (4 x 89 mm, 4 x 127 mm)

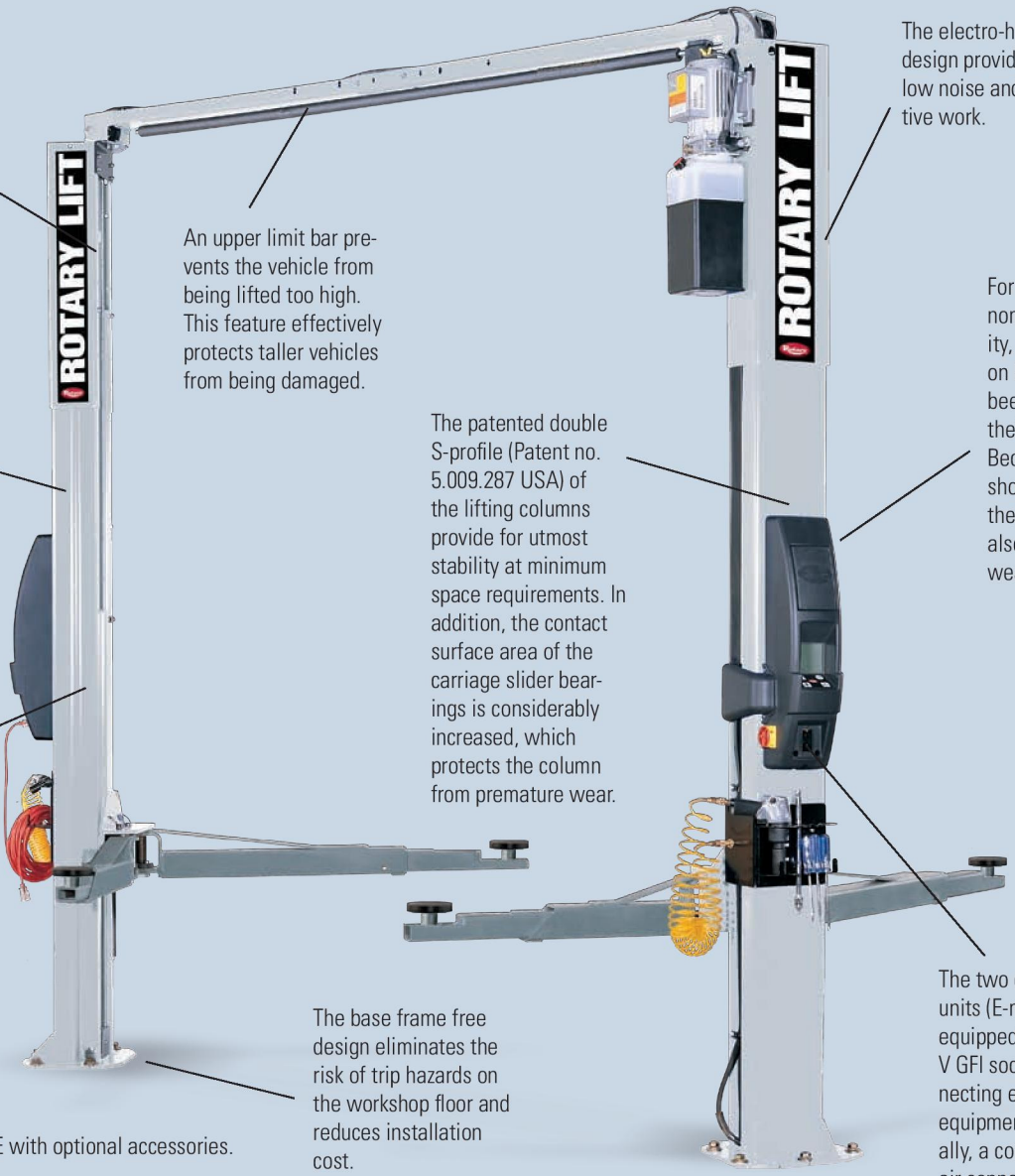
Rotary adaptor extension kit for delivery trucks/vans (4 x 200 mm)

Vehicle security for rotary plate with 120 mm diameter

Tool storage trays, magnetic

SPOA30 , SPOA40, SPO40

ELECTRO-HYDRAULIC TWO-POST LIFTS OF THE SPO SERIES CAN BE TAILORED PERFECTLY TO FIT THE APPLICATION. TWO DIFFERENT LOAD-BEARING CAPACITIES CAN BE COMBINED WITH UP TO FOUR DIFFERENT COLUMN HEIGHTS. THERE ARE ONE MANUAL AND ONE ELECTRONIC CONTROLLER VERSIONS TO CHOOSE FROM.



Non load bearing cables ensure even lifting and lowering.

An upper limit bar prevents the vehicle from being lifted too high. This feature effectively protects taller vehicles from being damaged.

The electro-hydraulic design provides for low noise and effective work.

Each lifting column features a maintenance-free high pressure cylinder.

The patented double S-profile (Patent no. 5.009.287 USA) of the lifting columns provide for utmost stability at minimum space requirements. In addition, the contact surface area of the carriage slider bearings is considerably increased, which protects the column from premature wear.

For increased ergonomics and productivity, each lifting column on E-models have been equipped with their own control unit. Because of the workshop environment, the pushbuttons can also be pressed when wearing gloves.

The mechanical safety latch integrated on both columns locks the lift carriage in position in emergency situations and thus ensures maximum safety.

The base frame free design eliminates the risk of trip hazards on the workshop floor and reduces installation cost.

The two control units (E-models) are equipped with a 220 V GFI socket for connecting electrical equipment. Optionally, a compressed air connector can be provided.

The figure shows SPOA40E with optional accessories.

DETAILS

The supporting arms are automatically locked in position during the lifting operation. Once the lift has been completely lowered, this interlock is automatically released. The very narrow spacing between the locking positions and a manual unlocking function enhance the ease of use.

In the case of all the E-models, the powerful hydraulic unit is flange-mounted in the upper area of the lifting column. The motor is equipped with a temperature-operated switch as an overload protection. It is protected against outside influences and ensures more freedom of action and low noise in the work bay.

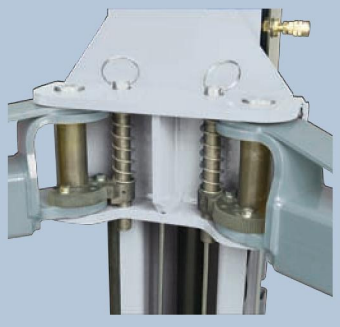
CONTROLLER VERSIONS

Manual control

- Conventional operation using two hands
- Manual lock release.
- Fine control lowering possible. This is important, e.g. in combination with straightening benches.
- Hydraulic design

Electronic control

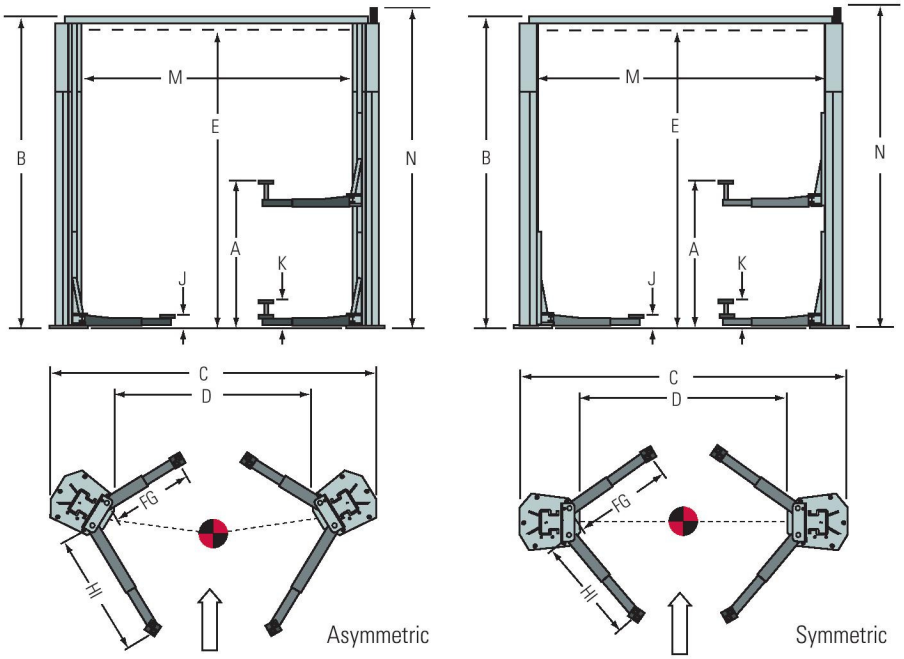
- Single-hand operating unit on both lifting columns.
- Electrically controlled safety latches.
- Sensitive pushbuttons.
- Integrated 220 V connection, prepared for connecting compressed air.



	Model:	Asymmetric **SPOA30M** 3-stage sup. arm	Asymmetric **SPOA40M** 3-stage sup. arm	Symmetric **SPO40M** 3-stage sup. arm	Symmetric **SPO40E** 3-stage sup. arm
	Capacity	3000 kg	4000 kg	4000 kg	4000 kg
A.	Stroke	1978 mm	1972 mm	1982 mm	1972 mm
B.	Overall height EH1 EH2 EH4	3556 mm 3856 mm 4166 mm -	3795 mm 3865 mm 4170 mm -	3795 mm 3865 mm 4170 mm 4780 mm	3795 mm 3865 mm 4170 mm 4780 mm
C.	Overall width (Outside of base plate)	3337 mm	3489 mm	3496 mm	3496 mm
D.	Drive through clearance	2261 mm	2413 mm	2590 mm	2590 mm
E.	Switchoff level EH1 EH2 EH4	3455 mm 3760 mm 4065 mm -	3455 mm 3760 mm 4065 mm -	3455 mm 3760 mm 4065 mm 4675 mm	3455 mm 3760 mm 4065 mm 4675 mm
F.	Support bracket length on the front min.	536 mm	536 mm	700 mm	700 mm
G.	Support bracket length on the front max.	1105 mm	1105 mm	1500 mm	1500 mm
H.	Support bracket length on the rear min.	837 mm	837 mm	700 mm	700 mm
I.	Support bracket length on the rear max.	1475 mm	1475 mm	1500 mm	1500 mm
J.	Rotary plate height min.	94 mm	94 mm	104 mm	104 mm
K.	Rotary plate height max.	169 mm	169 mm	178 mm	178 mm
M.	Column spacing, interior dimension	2572 mm	2699 mm	2908 mm	2908 mm
N.	Cylinder height (at max. stroke)*	3778 mm	3785 mm	3785 mm	3785 mm
	Motor performance	4 kW	4 kW	4 kW	4 kW
	Electrical connection (3 phases)	400 V, 50 Hz	400 V, 50 Hz	230/400 V, 50 Hz	400 V, 50 Hz
	Lifting time	31 sec.	31 sec.	31 sec.	31 sec.
	Required ceiling height EH1 EH2 EH4	3800 mm 3920 mm 4230 mm -	3800 mm 3920 mm 4230 mm -	3800 mm 3920 mm 4230 mm 4840 mm	3800 mm 3920 mm 4230 mm 4840 mm

* Cylinder height with standard models larger than overall height.

M Manual control
E Electronic control



ACCESSORIES

Rotary adaptor extension kit for passenger cars
(4 x 89 mm, 4 x 127 mm)

Rotary adaptor extension kit for delivery trucks/vans (4 x 200 mm)

Tool storage trays, magnetic

Vehicle security for rotary plate with 120 mm diameter

SPOA54, SPO65

ON ACCOUNT OF THEIR HIGH LOAD BEARING CAPACITY THE SPO54 AND THE NEW SPO65 ARE ESPECIALLY SUITABLE FOR LIGHT-DUTY COMMERCIAL VEHICLES – THE SPO65 ESPECIALLY FOR VEHICLES WITH A LONG WHEELBASE (E.G. MERCEDES-BENZ SPRINTER AND VOLKSWAGEN CRAFTER). THERE IS ONE MANUAL AND ONE ELECTRICAL CONTROLLER VERSION TO CHOOSE FROM.

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The base frame free design eliminates the risk of trip hazards on the workshop floor and reduces installation cost.

The figure shows SPO65E with optional accessories.

DETAILS

The lift carriage bearings are made of self-lubricating and absolutely maintenance-free Tivar® 1000 polyethylene. Two characteristics that help reduce operating expenses considerably.

The supporting arms are automatically locked in position during the lifting operation. Once the lift has been completely lowered, this interlock is automatically released. The very narrow spacing between the locking positions and a manual unlocking function enhance the ease of use.

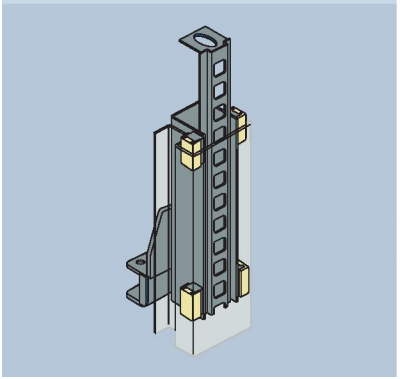
CONTROLLER VERSIONS

Manual control

- Conventional operation using two hands
- Manual lock release.
- Fine control lowering possible. This is important, e.g. in combination with straightening benches.
- Hydraulic design

Electrical control

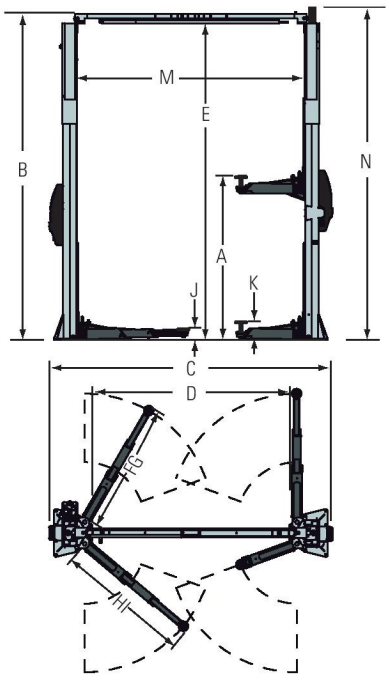
- Single-hand operating unit on both lifting columns.
- Electrically controlled safety latches (SPO65 pneumatically).
- Sensitive pushbuttons.
- Integrated 220 V connection, prepared for connecting compressed air.



	Model:	Supporting arms Symmetric **SPO54E**	Supporting arms Symmetric **SPO65E-LWB**
	Capacity	5000 kg	6500 kg
A.	Stroke	1989 mm	2005 mm
B.	Overall height EH1 EH2	4170 mm 4475 mm 4780 mm	4546-5004 mm* - -
C.	Overall width (Outside of base plate)	3496 mm	3937 mm
D.	Drive through clearance	2613 mm	2687 mm
E.	Switchoff level EH1 EH2	4065 mm 4360 mm 4675 mm	4436-4894 mm* - -
F.	Support bracket length on the front min.	700 mm	935 mm
G.	Support bracket length on the front max.	1640 mm	1901 mm
H.	Support bracket length on the rear min.	700 mm	935 mm
I.	Support bracket length on the rear max.	1640 mm	1901 mm
J.	Rotary plate height min.	119 mm	115 mm
K.	Rotary plate height max.	189 mmm	175 mm
M.	Column spacing, interior dimension	2915 mm	3058 mm
	Motor performance	3 kW	3 kW
	Electrical connection (3 phases)	230/400 V, 50 Hz	230/400 V, 50 Hz
	Lifting time	60 sec.	60 sec.
	Required ceiling height EH1 EH2	4230 mm 4530 mm 4840 mm	4700-5150 mm* - -

M Manual control
E Electrical control

* can be adjusted every 150 mm



ACCESSORIES

Rotary adaptor extension kit for passenger cars (4 x 89 mm, 4 x 127 mm), SPO54 Article No. FJ7880BK

Rotary adaptor extension kit for delivery trucks/vans (4 x 200 mm), SPO54 Article No. FJ6172, SPO65 Article No. FJ6172 + 115684

Tool storage trays, magnetic, Article No. FA5921

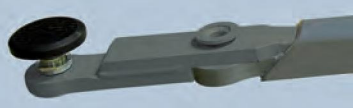
Vehicle security for rotary plate with 120 mm diameter, SPO65 Article No. FJ6217-Pad

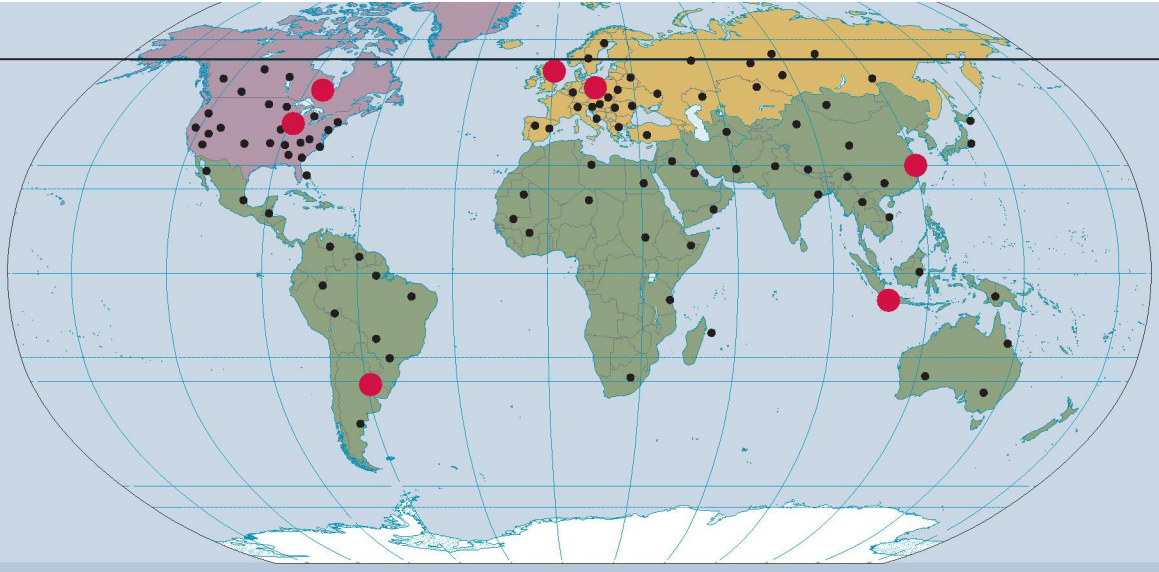
Support kit for VW Crafter (2 pieces), SPO54 Article No. FJ6355-1, SPO65 Article No. FS6355-1 + 2x 115654

Support kit for delivery trucks/vans (4 x U-support), SPO54 Article No. FJ6173

Support kit for Mercedes Sprinter (2 pieces), Article No. FJ6216

Supporting arm extension SPO54, Article No. AE-300





LOOK LOCAL - ACT GLOBAL

WE ACT WITH FOCUS ON OUR CUSTOMERS AND THEIR REQUIREMENTS. LOCAL SUBSIDIARIES WORLDWIDE PERMIT US TO DO SO, AND AT THE SAME TIME, OFFER A HIGH DEGREE OF PRODUCT FLEXIBILITY.

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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