

# 2-POST LIFT

## ELECTRO-HYDRAULIC

The electro-hydraulic 2-post lifts of the SPO-series convince by an outstanding pick-up area. The control system is available in a manual and an electric version, as well as different column heights.

**SPOA3TM/TS-5** offers a flexible pick-up range from SMART to large vans

(e.g. VW T6 long) due to its asymmetrical design. **SPOA3TM/TS-5AF** offers quick height adjustment of the support plates. **SPOA3TM/TS-5SC** with sports car support arms offers a wide range of applications due to the flat support arm design and the generous installation width.

- + SPO series - the best-selling lift in the world
- + Maximum security with the Rotary 3PSS concept
- + Pick-up range up to VW T6 long

Rotary Hydraulic stands for maximum service-friendliness with minimum operating costs.

The upper safety switch-off effectively protects vehicles with a higher overall height from damage during lifting.

The electro-hydraulic design with only one unit ensures energy-saving operation with fast lifting and lowering times.

Flanged to the upper part of the lifting column, the unit is protected from external influences and allows more freedom of movement.

For a plus in ergonomics and economy, the 2nd control panel (for SPOA 3 TS) may be selected. One control unit is equipped with a 220 V connection (fused with 16 ampere for electric hand tools) and the second with compressed air preparation.

The support arms are automatically locked when lifting. Once the platform is completely lowered, this locking device is released automatically. The particularly fine grid and a manual unlocking function extend the ease of operation.

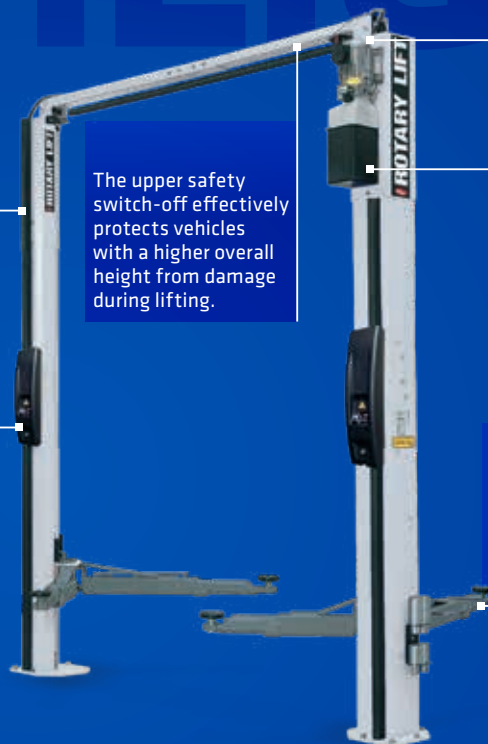
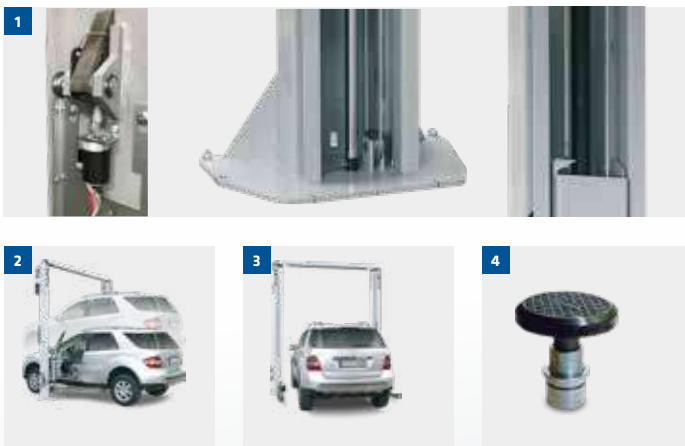


Illustration shows SPOA3TS with 2nd control panel and accessories.

## HIGHLIGHTS IN DETAIL



### 1 3PSS Concept (3 Phase Security System) includes:

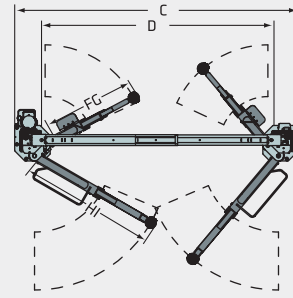
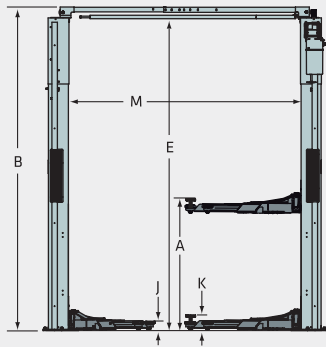
- Mechanical safety latches integrated on both sides with automatic actuation
- Load-free synchronization pulleys secure the load during the lifting and lowering process
- Hydraulic system secured by non-return valve including maintenance-free high-pressure cylinder in both posts

2 The asymmetrical posts and support arm design allows for optimum door clearance.

3 The maximum drive-through width with minimum external dimensions and the construction without a base frame ensure problem-free access to the lifting platform.

4 The rotary plates are pluggable and can be extended or replaced reliably and cost-effectively with attachments.

SPOA3TM / SPOA3TS



Support arms

Asymmetrical 3-sectional support arms in front

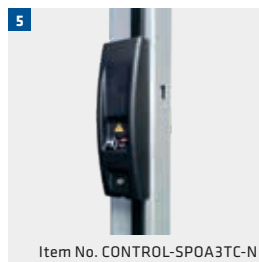
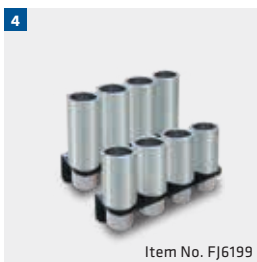
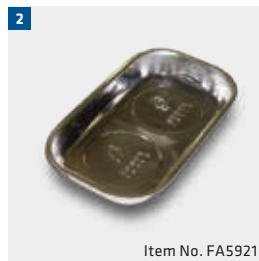
Asymmetrical 3-sectional support arms front and rear

Asymmetrical 3-sectional support arms front and rear, quick adjustment of the pick-p adapters

Model	SPOA3TM-5	SPOA3TS-5	SPOA3TM-5SC	SPOA3TS-5SC	SPOA3TM-5AF	SPOA3TS-5AF
Load capacity	3.500 kg	3.500 kg	3.500 kg	3.500 kg	3.500 kg	3.500 kg
<b>A</b> Stroke	1.957 mm	1.957 mm	1.957 mm	1.957 mm	2.083 mm	2.083 mm
<b>B</b> Overall height EH1	3.865 mm	3.865 mm	3.775 mm	3.775 mm	3.865 mm	3.865 mm
Overall height EH2	4.170 mm	4.170 mm	4.080 mm	4.080 mm	4.170 mm	4.170 mm
<b>C</b> Overall width	3.000 mm	3.000 mm	3.180 mm	3.180 mm	3.000 mm	3.000 mm
<b>D</b> Drive-through width	2.336 mm	2.336 mm	2.520 mm	2.520 mm	2.336 mm	2.336 mm
<b>E</b> Switchoff level EH1	3.760 mm	3.760 mm	3.670 mm	3.670 mm	3.760 mm	3.760 mm
Switchoff level EH2	4.065 mm	4.065 mm	3.975 mm	3.975 mm	4.065 mm	4.065 mm
<b>F</b> Support bracket length on the front min.	550 mm	550 mm	585 mm	585 mm	785 mm	785 mm
<b>G</b> Support bracket length on the front max.	1.106 mm	1.106 mm	1.195 mm	1.195 mm	1.330 mm	1.330 mm
<b>H</b> Support bracket length on the rear min.	876 mm	876 mm	585 mm	585 mm	785 mm	785 mm
<b>I</b> Support bracket length on the rear max.	1.472 mm	1.472 mm	1.195 mm	1.195 mm	1.330 mm	1.330 mm
<b>J</b> Rotary plate height min.	94 mm	94 mm	85 mm	85 mm	110 mm	110 mm
<b>K</b> Rotary plate height max.	154 mm	154 mm	130 mm	130 mm	280 mm	280 mm
<b>M</b> Clear span between	2.560 mm	2.560 mm	2.740 mm	2.740 mm	2.560 mm	2.560 mm
Driving power	4 kW	4 kW	4 kW	4 kW	4 kW	4 kW
Power supply voltage (electrical)	400 V, 50 Hz	400 V, 50 Hz	400 V, 50 Hz	400 V, 50 Hz	400 V, 50 Hz	400 V, 50 Hz
Lifting time	ca. 30 sec.	ca. 30 sec.	ca. 30 sec.	ca. 30 sec.	ca. 30 sec.	ca. 30 sec.
Required ceiling height EH1	3.925 mm	3.925 mm	3.835 mm	3.835 mm	3.925 mm	3.925 mm
Required ceiling height EH2	4.230 mm	4.230 mm	4.140 mm	4.140 mm	4.230 mm	4.230 mm

M manual operation S push-button operation

# ACCESSORIES



- 1** Vehicle securing for rotary plate, ø 120 mm
- 2** Tool tray, magnetic
- 3** Pick-up set U-shaped (1 set / 4 pieces), for delivery/smaller vans, 4 x U-pick-up
- 4** Adapter extension set (1 set / 4 pieces 89mm, 1 set / 4 pieces 127mm) with 2 holders for mounting on the posts
- 5** Second control panel for operation from both sides
- 6** Pick-up set for Mercedes G-Series (1 set / 4 pieces)

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