

# SMART LIFT

SPINDLE 2-POST LIFTS

## SMART LIFT - THE PROVED TECHNOLOGY

The robust contruction of SMART LIFT as well as its fully developed technique are the results of more than 10.000 units produced per year and more than 30 years experience in the manufacturing of lifts.



## LONG LIFE-CYCLE

- low wear Nylatron-nut guarantees a quiet operation
- 5 years warranty on spindle and spindle-nut
- two motors integrated into columns
- resistant Poly-V belt a guarantee for almost wearfree
- complete quality control at all stages

Nylatron-nut: 5 years warranty





SMART LIFT 2.30 SL – lifting capacity of 3.000kg, available in versions: DT and MM SMART LIFT 2.35 SL – lifting capacity of 3.500kg, available in versions: DT, MM and SC

Resistant Poly-V belt

SMART LIFT 2.40 SL – with reinforced steel and extended lifting arms for lifting vehicles up to Mercedes Sprinter with center wheelbase at the alternative pick-up points. With a lifting capacity of 4.000kg and UNIVERSAL carrying arms.



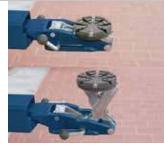
#### **OPTION: ENERGY SET**

- electricity and compressed air at the working place
- 230V plug and air connection are integrated in the column

#### SMART LIFT - THE RIGHT SOLUTION FOR ANY WORKSHOP



SMART LIFT 2.30 SL – lift for vehicles up to VW T5 with short wheelbase



MINI MAX lifting arms easy and convenient to lift off-road vehicles and for cars with pressed side skirts



Vehicles's door can be opened completely (2.30 SL DT)



Telescopic lifting arms and very low lifting point



### 3.000kg | 3.500kg | 4.000kg



### FLEXIBLE SET UP HEIGHT AND WIDTH

no ground connection between columns

Flexible top connection – adjustable height of top connection without static function

#### ASYMMETRIC LIFTING ARMS AND CARRIAGE FOR OPTIMAL DOOR CLEARANCE

- lifting wide range of vehicles
- automatic arm adjustment
- lowest pick-up point from 75mm
- short lifting arms with swivelling 180°
- maximum door clearance thanks to the corner position of the carriage

### DOUBLE TELESCOPIC LIFTING ARM (DT)

The short lifting arm is 2-times telescopic, providing a large adjustable range and therefore enabling to lift short and wide vehicles.

Extremely low construction of the carrying arms make this lift ideal for sports cars with very low clearance.

### MINI-MAX LIFTING ARM (MM)

Adapter for low clearance vehicles as well as for deep-drawn side skirt and off-road vehicles. Adjustable with an enormous range of 75–185mm. Quick vertical multilevel adjustment with the foot.



Automatic locking of the arms



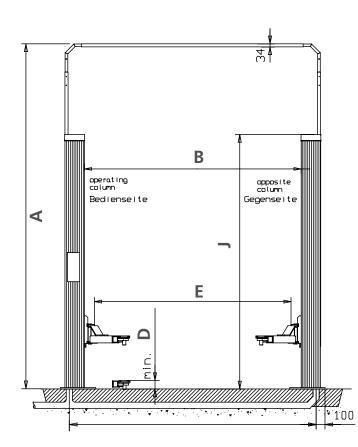
SMART LIFT 2.30 SL DT – short lifting arm with 2-times telescopic provides more adjustable range and simplifies lifting of shorter and wider vehicles



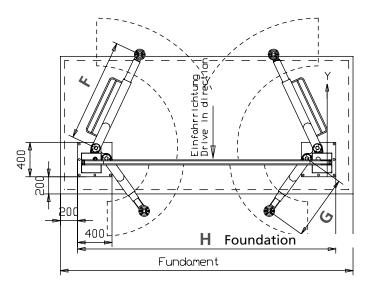
SMART LIFT 2.40 SL – lift for passenger cars and transporters, for universal application



# Technical drawings for SMART LIFT







# Technical data

| SMART LIFT                           |   | 2.30 SL   | 2.35 SL   | 2.40 SL   |
|--------------------------------------|---|-----------|-----------|-----------|
| Lifting capacity (kg)                |   | 3000      | 3500      | 4000      |
| Lifting/ lowering time approx. (sec) |   | 40 / 40   | 46 / 40   | 46 / 40   |
| Lifting height (mm)                  |   | 1983      | 2010      | 2060      |
| Lowest pick-up point (mm)            | D | 95–140    | 95–140    | 115–190   |
| Version: SC                          |   | –         | 82–122    | –         |
| Version: MINI-MAX                    |   | 75–185    | 75-185    | 75–185    |
| Total height column (mm)             | J | 2887      | 2890      | 2890      |
| Top connection (mm)                  | A | 3716–4167 | 3715–4115 | 3685–4170 |
| Total width (mm)                     | н | 3100      | 3230      | 3350      |
| Version: MINI-MAX                    |   | 3300      | 3350      | 3350      |
| Drive-through width (mm)             | E | 2350      | 2400      | 2514      |
| Version: MINI-MAX                    |   | 2504      | 2400      | 2514      |
| Distance between columns (mm)        | В | 2460      | 2770      | 2770      |
| Version: MINI-MAX                    |   | 2560      | 2650      | 2770      |
| Arm extraction long (mm)             | F | 940–1495  | 940–1495  | 1130–1840 |
| Version: SC                          |   | –         | 840–1380  | –         |
| Version: MINI-MAX                    |   | 1000–1480 | 1000-1480 | 1130–1840 |
| Arm extraction short (mm)            | G | 480–870   | 570–1160  | 570–1160  |
| Version: SC                          |   | –         | 590–865   | –         |
| Version: MINI-MAX                    |   | 600–980   | 600-1000  | 635–1065  |
| Motor (kW)                           |   | 2 x 1,5   | 2 x 1,5   | 2 x 1,5   |
| Power supply (V/Hz)                  |   | 400 / 50  | 400 / 50  | 400 / 50  |

| SMART LIFT  | 2.30 SL          | 2.35 SL / 2.40 SL |
|---|------------------|-------------------|
| TO BE PREPARED BY CUSTOMER                          |                  |                   |
| Foundation min. (mm)                                | 200              | 200               |
| Concrete quality min. (normal reinforcement)        | C20/25           | C20/25            |
| Bolts (pcs)   | 12               | 16                |
| Type of bolt<br>(depends on foundation, see manual) | Hilti-V-5.8, M12 | Hilti-V-5.8, M12  |
| Power supply (V / Hz / Amp.)                        | 400 / 50 / 16    | 400 / 50 / 16     |
| Time-lag fuse (mm²)                                 | 5 x 2,5          | 5 x 2,5           |
| Air supply for energy set                           | optional         | optional          |
| Unloading (fork lift)                               | required         | required          |

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