



## Product datasheet

Single-scissor lift  
Vertical double-scissor lift  
(PSH)

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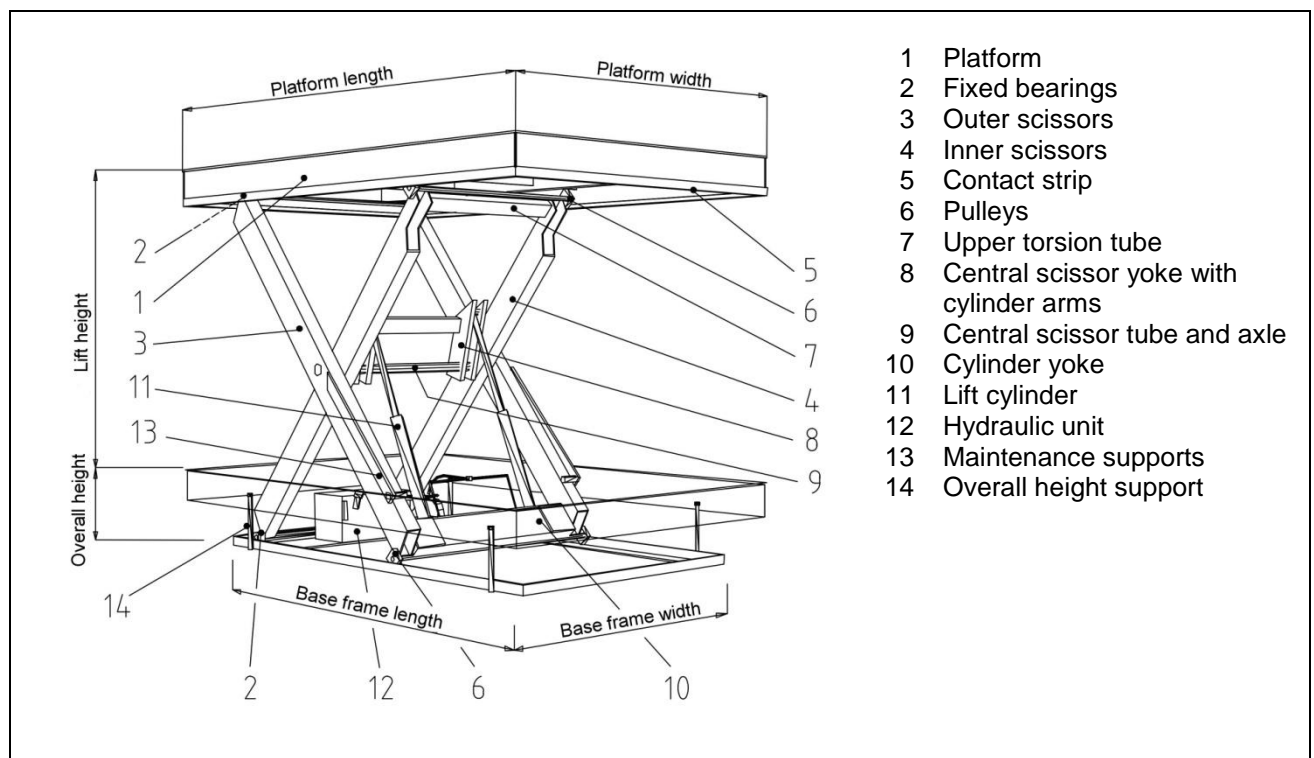
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## PSH scissor lift

PROMStahl's PSH scissor lifts are used on loading ramps for lorry loading and unloading; they compensate for the difference in height between the vehicle and the loading ramp. PSH scissor lifts are available as single-scissor or double-scissor systems and stand out for their robustness and their excellent price/performance ratio. Extremely high elevations can be reached by providing the lift platform with several scissor packages. The vertical double-scissor lift, for example, can be used as a working platform, installation table or machinery platform. All PROMStahl PSH scissor lifts meet the requirements of the relevant DIN EN 1570 standard.

The scissor lift is driven by a hydraulic unit. Pressing the "UP" button, spreads the scissors so that the platform rises. At the same time, the pulleys in the base frame move towards the fixed bearings. The UP movement is stopped as soon as the "LIFT" button is released or by the limit switch which indicates that the maximum height has been reached (stroke end). Pressing the "DOWN" button, makes the scissors come back together and lowers the platform.

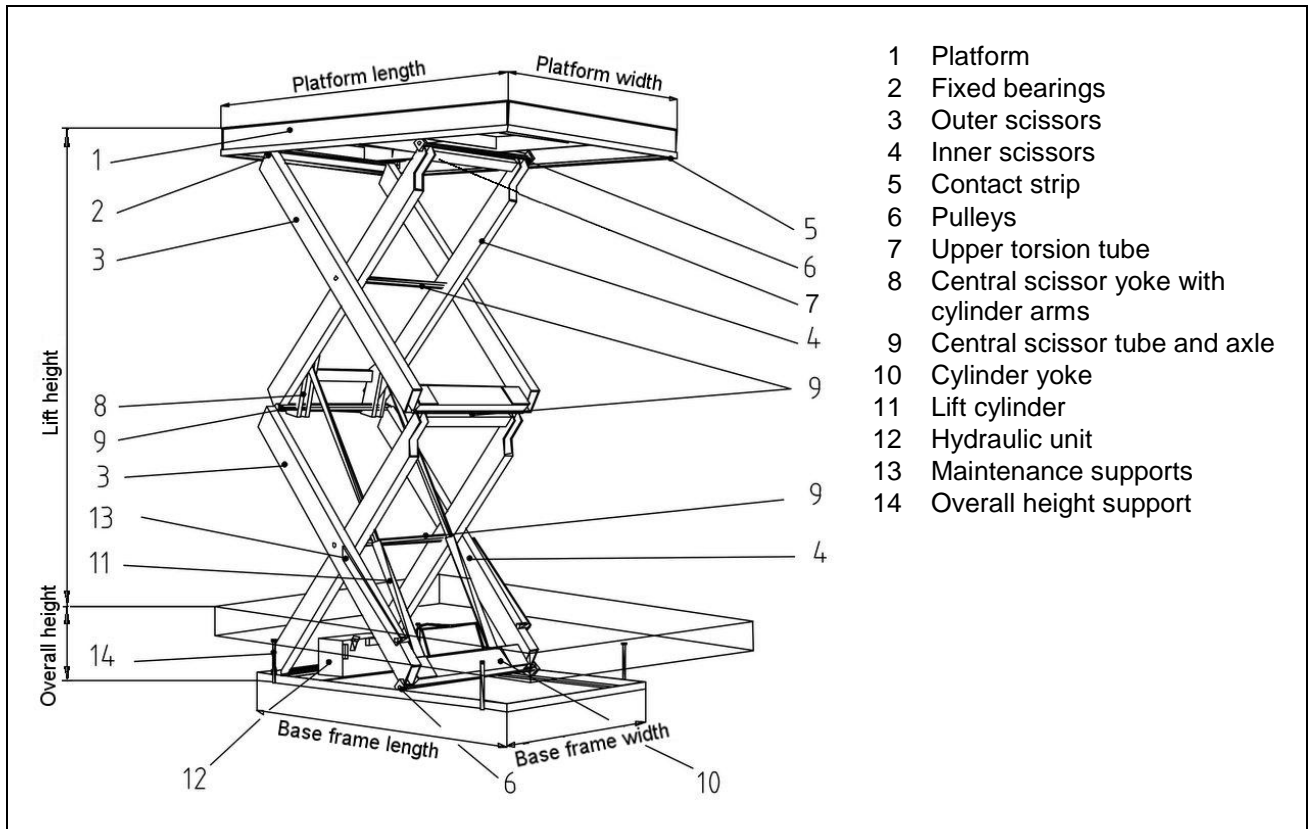
### Illustration: Single-scissor lift



### Technical specification

|                      |                                   |
|----------------------|-----------------------------------|
| Distributed load     | 500 daN – 12500 daN               |
| Range of application | Medium platform, medium elevation |
| Platform length      | 1250 – 4500 mm                    |
| Platform width       | 800 – 3000 mm                     |
| Platform cover       | Tear-plate or sheet steel         |
| Elevation            | 800 – 3000 mm                     |

## Illustration: Vertical double-scissor lift



## Technical specification

|                      |                                |
|----------------------|--------------------------------|
| Distributed load     | 500 daN – 8000 daN             |
| Range of application | Small platform, high elevation |
| Platform length      | 1250 – 3500 mm                 |
| Platform width       | 800 – 3000 mm                  |
| Platform cover       | Tear-plate or sheet steel      |
| Elevation            | 800 – 4000 mm                  |

## Standard parameters:

- circumferential foot protection contact strip
- pipe fracture safety valves built into the cylinder which prevent the lifting platform from lowering uncontrollably if a pipe ruptures.
- leakage oil feedback system
- foldaway inspection/maintenance safety bars which prevent the lifting platform from lowering when maintenance and work is in progress
- stroke final limit switch
- scissors made from profiled barrel
- hydraulic oil type HLP 32
- scissors and base frame painted in RAL 7016
- platform painted in RAL 7016, RAL 5010, RAL 6011, RAL 7035

**Options:**

- handrails - fixed or removable
- safety chains
- barrier gates
- (segmented) loading flaps / kick plates (manually or hydraulically driven)
- remote power pack location
- chain mesh / roller blind / bellows to open undersides of lift
- special RAL colours
- galvanised finish
- various gate options

**Electrical system specification**

- deadman control unit for lifting and lowering the scissor lift (wall fixing material included)
- operating voltage: 400 V, 50 Hz
- control voltage: 24 V, DC
- Type of protection: IP 54