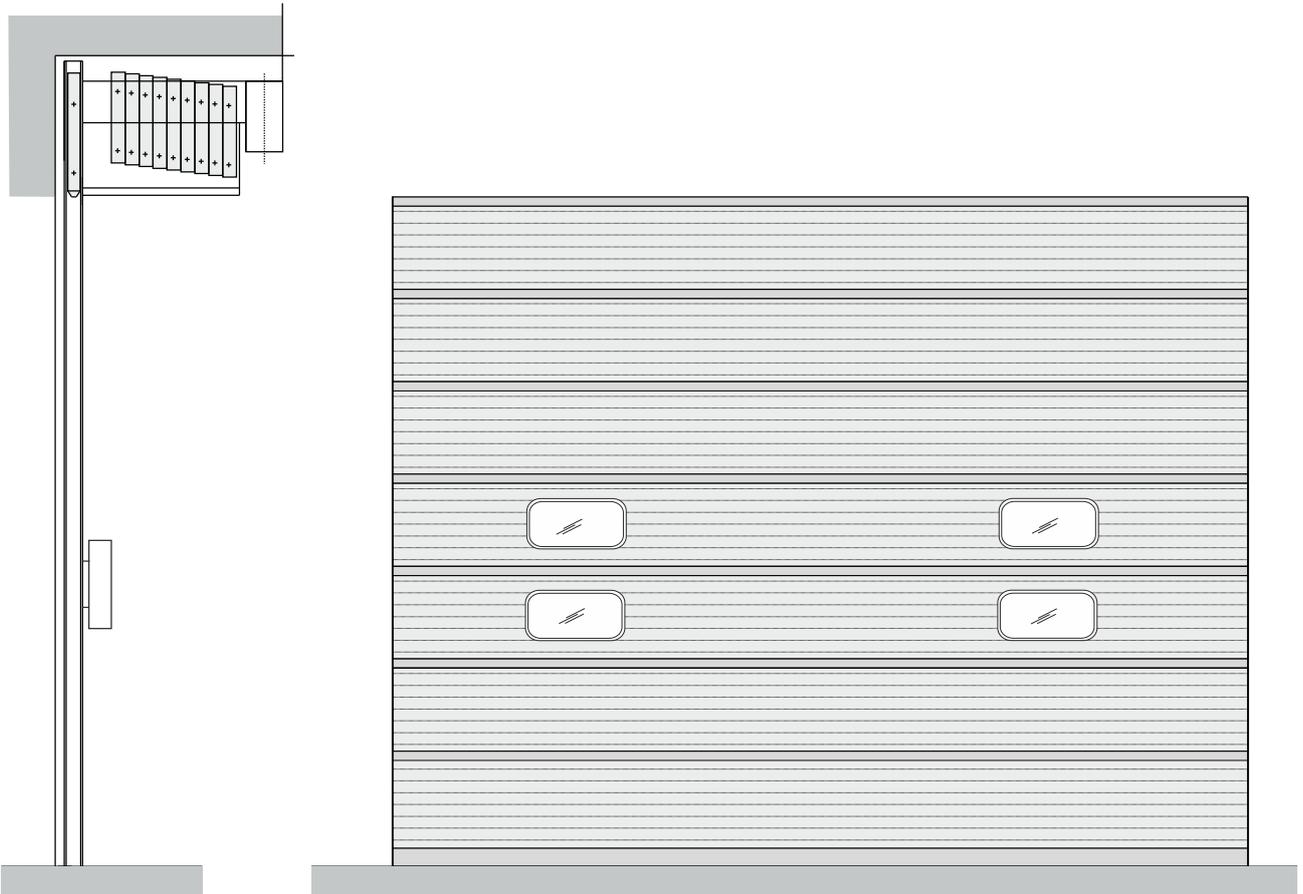


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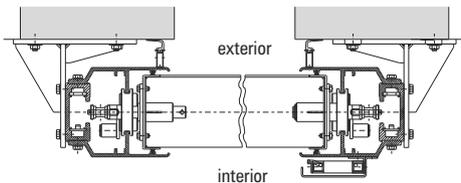
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Technical Data SPACELITE® HTH 150 (Hydraulic)



Mounting- and fixing modes



Assembly behind the reveal

Technical Data

Door panel depth (mm)	150	
Door panel height (mm)	approx. 1000	
Maximum door width (mm)	15000	
Lintel height required (mm)*	1600/2000	
Open: Self-holding circuit, close: Dead-man's mode	■	■ = basic equipment
Close in self-holding circuit	●	● = available
Vision panel made of acrylic glass	-	
Oval window	●	
Anti-drop device	■	
Overload protection for drive unit	■	
Safety edge control	■	
Aluminium profiles colour coated	●	
Aluminium profiles anodised	●	

* Please contact us, if the necessary lintel height is not available. We can offer other technical solutions. For large door height dimensions the lintel height can exceed the above given value.

We have detailed technical drawings with the necessary installation dimensions for each door type at your disposal.

Technical Data

SPACELITE® HTH 150 (Hydraulic)

Mains connection	(supplied by contractor) 400 V/ 50 Hz. Pre-fuse 25 A (depending on the drive output) via three-phase current automation. Note! The operator is responsible for the door inspection according to VDE 0100-610 or IEC 60364-6-61 respectively. For a three-phase current connection a »clockwise rotating field« has to be applied.
Drive unit.	Consisting of a hydraulic motor with motor brake included and the hydraulic unit with electrical drive unit (400 V/ 50Hz). The output of the motor depends on the door size: 5.5 kW or 7.5 kW, thermal overload protection included, protection class IP 54. Standard operating time: 15% ED, i.e. in relation to one hour, thereafter oil cooler required (option).
Hydraulic unit	Consisting of a pump, pressure gauge, oil tray, return valve, load control valve and valve blocks with respective flexible pressure tubing.
Control voltage	24 VDC
Control system	The microprocessor control is located inside a steel metal housing (w800 x h600 x d250 mm), protection class IP 65. OPEN/STOP/DOWN buttons for the door operation, key switch for the emergency operation and the main switch separating all poles are located on the panel front. The control system is typically located e.g. on a wall in close proximity to the door. In standard operation the door opens in self-holding circuit and closes in dead-man's mode (option: self-holding circuit). The door opens and closes in dead-man's mode during emergency operation.
Door panels	Door panel height: approx. 1000 mm. Twin-walled fibreglass panels, available in the colour shades brilliant, emerald-green, sapphire-blue (option), aluminium profiles with hand guard (option: RAL colour coated, aluminium profiles may upon request also be anodised according to DIN 17611) and rubber sealings; side profiles with guide rollers. Light transmission: up to 55 % (dependent on colour and thermal insulation), U_p -value of the twin-walled fibreglass panels: 1.3 W/m ² K, Option: U_p -value improvement to approx. 0.83 W/m ² K. Note! Due to the laws of physics, twin-walled fibreglass panels are not diffusion-proof.
Tracks	Aluminium solid (optionally RAL colour coated or anodised according to DIN 17611), with removable track covers; rolled-in, galvanised safety rails for the anti-drop device; cable guide and brush profiles.
Cassettes	Including safety rails, drive tube, lattice bridge and the platform for the hydraulic unit made of varnished steel.
Speed	Opening- and closing speed up to 9 cm/s.
Door sealing	With rubber seals between the individual door panels, between tracks and door panels with brush profiles, towards lintel and reveal with rubber seal lips, towards the floor with a double rubber profile.
Safety	Anti-drop device tested by TÜV (German technical surveillance agency), complying with the regulations of the German employer's liability insurance association. The mechanical elements are integrated inside the tracks. Safety edge control by optoelectronic sensor (sensor located inside the rubber profile), self-monitored.
Emergency operation	If required (emergency): The door can be opened with an extra hydraulic pump (24 V direct current, 2.2 kW battery-operated, operating mode: S2-1.2 min). Accessories of the emergency operation are two batteries with 12V/135 Ah each and a 24 V-charging unit; opening speed: 4.5 cm/s.