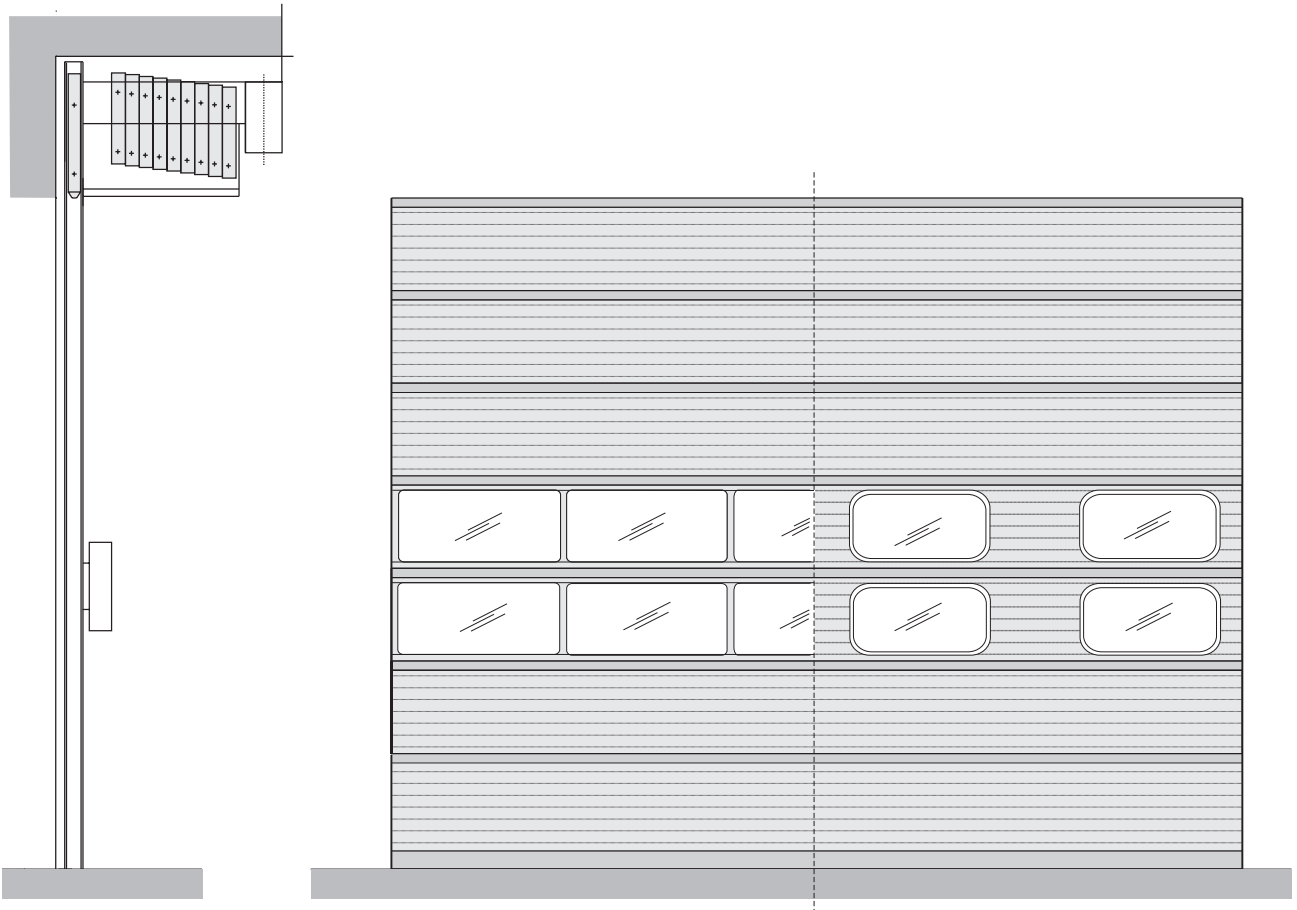
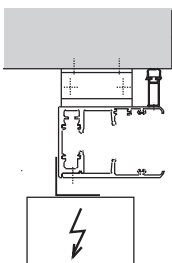


Technical Data Stacking Doors

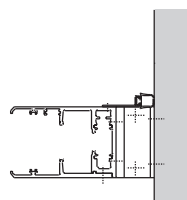
SPACELITE® HT 40, HT 60 N, HT 60 H, HT 80/260, HT 80/400, HT 150



Mounting and Fixing Modes



Assembly behind the reveal



Assembly within the reveal

Technical Data

	HT 40	HT 60 N	HT 60 H	HT 80	HT 150
Door panel depth (mm)	40	60	60	80	150
Max. door width (mm)	5500	7500	7500	10000	15000
Necessary lintel height (mm)*	650	750	1250	1300	1400
Vision element (oval window)	●	●	●	●	●
Vision element (panel)	●	●	○	○	○
Anti-drop-device	■	■	■	■	■
Safety edge	■	■	■	■	■

■ = standard equipment ● = available ○ = not available

* 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 Stacking Doors

SPACELITE® HT 40, HT 60 N, HT 60 H, HT 80/260, HT 80/400, HT 150

Mains connection (supplied by contractor) 400 V/ 50 Hz, pre-fuse 10 A three-phase current automation. For doors with frequency converter: 230 V/ 50 Hz, 16 A via one-phase current automation. **Note for doors with frequency converter:** Make sure the residual current-operated circuit breaker is designed for both: Residual alternating current and residual pulsating direct current with a residual current not less than 300 mA! **Note!** The operator is responsible for the door inspection according to the VDE 100-610 or IEC 60364-6-61 respectively. For a three-phase current connection a »clockwise rotating field« has to be applied.

Drive unit Electrical drive unit, including thermal overload protection, protection class IP 54, driving power depending on the size of the door.

Control voltage 24 V DC

Control system The fully wired microprocessor control is located inside the plastic housing, protection class IP 54. An OPEN/ STOP/ DOWN button for door operation and the main switch separating all poles, are located on the front of the casing. The control panel will normally be attached at operation height to the door track. In automatic operation the door can be opened and closed in self-holding circuit either by push button or via a signal encoder. A sufficient number of connection clamps and a power supply of 24 V DC, to connect a photo eye for passage control, are included. Two output relays can be triggered via DIP-switches, which can be used e.g. for a potential-free indication door open/ door closed, to trigger traffic lights and signal indicators or the courtyard light function. Operating states and malfunctions are indicated internally via LEDs.

Door panels Twin-walled fibreglass panels made of fibreglass with aluminium bottom- and top profiles (option: Aluminium-profiles RAL-colour coated according to DIN 17611) and rubber sealings; side profiles including guide rollers. Light transmission: Up to 78 % (dependent on colour and thermal insulation), U_p -value for the twin-walled fibreglass panels: HT 40/ 60/ 80/ 150 = 2.5 W/m²K; Option: Possible improvement of the U_p -value for HT 40 to 1.7 W/m²K, HT 60 to approx. 1.4/ W/m²K, HT 80 up to approx. 1.1 W/m²K. **Note:** The U_p -value will significantly be improved with polyurethane insertion profiles.

Tracks Aluminium (optionally RAL-colour coated or anodized according to DIN 17611), solid, with removable track cover; rolled-in, galvanized safety rails for the anti-drop-device; integrated buzzbar (HT150: Cable guide) and brush profiles.

Cassettes Made of galvanized steel, including drive tube, safety rail and driving mechanism.

Opening- and closing speeds Depending on door size and equipment: HT 40: up to 19 cm/s, HT 60/80: up to 15 cm/s, HT 150: up to 12 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: HT 40 with a door width < 3 m via limit switch, self-monitored, electromechanical function; HT 40 with a door width > 3 m and HT 60, HT 80, HT 150 via opto-electronical sensor (sensor located inside the rubber profile), self-monitored.

Emergency operation HT 40: Mechanical via attachable crank handle or optional via hoist chain.
HT 60 - HT 150: Mechanical via hoist chain.