Track-systems

High-quality modular ease of assembly

Alpha rail systems are modular and largely pre-assembled. The rail systems can be used for both ISO and ALU doors, such as the Panorama door. Certified quality and durability are at the forefront of the design and assembly of our rail systems and suspension packages.

Spring buffer

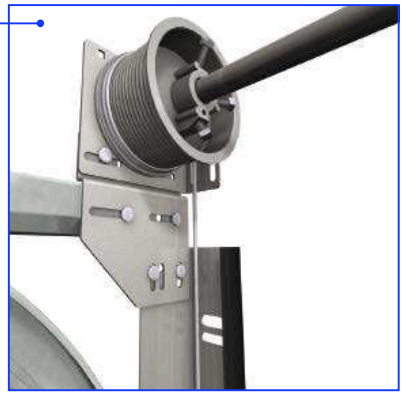
The sturdily-built spring buffer ensures that the door will lower as soon as it is prompted to do so. The length of the spring buffer depends on the door configuration.

Floor plate

The floor plate ensures that the rail connects to the floor and, together with the expansion joint profile, sets the correct distance between the guides.

M8 bolts

We always use M8 bolts to join the sheet metal sections and rail profiles. That means that, together with the carefully pre-assembled components, assembly time is very short.



Cable position

Thanks to the modular structure of our rail systems and sheet metal components, we can ensure the perfect cable position in relation to the vertical rails, which results in optimal safety and reliability.

Safety tracks

The safety guide guarantees that the rollers do not become derailed. The cable is safely encapsulated in the construction as an additional safety measure.

Interior view

ALU 40

Top seal

The upper door panel of the ALU 40 door is equipped with a rubber door seal, which provides additional insulation and ensures the best possible connection to the upper lintel. The door fits seamlessly and no energy is lost.

ALU 60

Top seal

The upper door panel of the ALU 60 door is equipped with a rubber door seal, which provides additional insulation and ensures the best possible connection to the upper lintel. The door fits seamlessly and no energy is lost.

ALU 40/60

Single side hinge

Alpha uses single side hinges for doors that open up to approx. 5 meters. They are sturdily built and ensure that the door hangs well and closes properly.

ALU 40/60

Double side hinge

Alpha uses double side hinges for doors that open more than approx. 5 meters. This ensures that even the heaviest of doors hang well.

ALU 40

ALU 60/80

Floor seal

Alpha uses rubber sealing strips to ensure that the door is flush with the floor. Together with a concrete strip, this will prevent water from seeping under the door.
This rubber sealing strips is uniform: depending on the door thickness, one sealing rubber is used for the ALU40 and two for the ALU60.

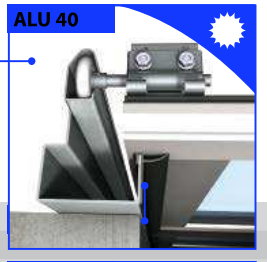
ALU 40

Standard frame

The standard frame between the door and the vertical railing ensures that the sides of the door seal properly.

ALU 60

ALU 40



Heavy-duty frame

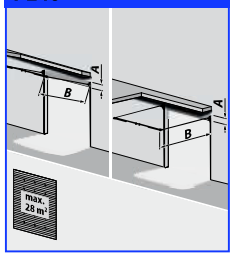
We use this type of frame for doors with a dark colour. Due to the heat of the sun, the door may expand in the middle against the upper lintel. The heavy-duty frame prevents this from happening.

ALU 60

Overview of rail systems

Of course the space available for the door and structural issues remain deciding factors when it comes to installing a door, which is why Alpha offers different rail systems that can be customised to suit any scenario.

T 240



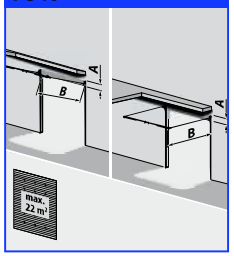
Low built-in rail system, incorporated cables + steel support profile

A= 240 mm

B= open height + 1,000 mm

Width max. 6,500 mm

T 340



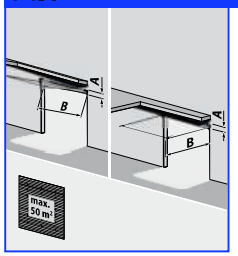
Standard rail system, rear suspension package + steel support profile

A= 350 mm

B= open width + 750 mm

Width max. 6,500 mm

T 450



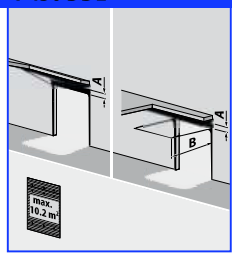
Standard rail system (comes standard)

A = 430-510 mm

B: (CH = clear height)

- Manually operated-pullcord= CH+650 mm
- Manually operated-chain holst=CH+850mm
- Electric drive/prepared for electric drive = DH+850 mm

T 450 DDE



Normal lift track system with pre-assembled low-mounted spring shaft assembly

A = 825 mm

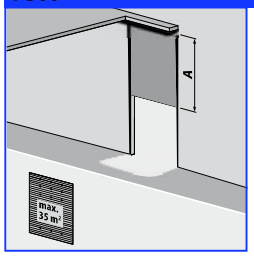
B: (CH = clear height)

- Manually operated-pullcord= CH+650 mm
- Manually operated-chain holst=CH+850mm
- Electric drive/prepared for electric drive = DH+850 mm

Width max = 3.200 mm

Height max = 3.200 mm

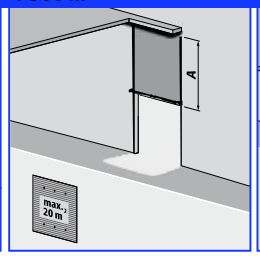
T 500



Vertical rail system

A= open height + 560 mm

T 500 hF

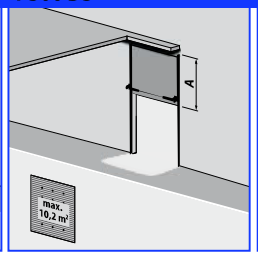


Vertical rail system with low spring axis + steel support profile

A= open height + 400 mm

Width max. 4,500 mm

T 500 DS



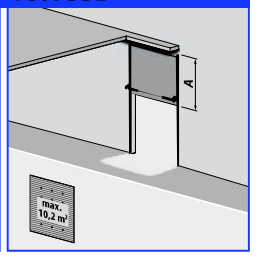
Vertical rail system with low spring axis

A= open height + 400 mm

Width max. 3,200 mm

Height max. 3,200 mm

T 500 DDE



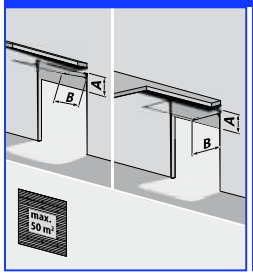
Springless vertical rail system

A= open height + 400 mm

Width max. 3,200 mm

Height max. 3,200 mm

T 400



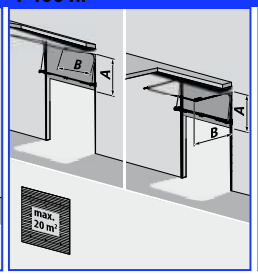
Elevated rail system

A=hoisting + 400 mm,

B: (CH = clear height)

- Manually operated-pullcord= CH+650 mm
- Manually operated-chain holst=CH+850mm
- Electric drive/prepared for electric drive = DH+850 mm

T 400 hF



Elevated rail system with low spring axis + steel support profile

A=hoisting + 200 mm

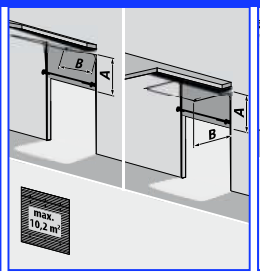
B: (CH = clear height)

- Manually operated-pullcord= CH+650 mm
- Manually operated-chain holst=CH+850mm
- Electric drive/prepared for electric drive = DH+850 mm

Width max. 4,500 mm

Lift min. 1,450 mm

T 400 DS



Elevated rail system with low spring axis

A= hoisting + 200 mm

B: (CH = clear height)

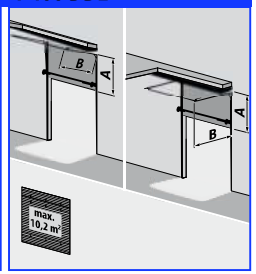
- Manually operated-pullcord= CH+650 mm
- Manually operated-chain holst=CH+850mm
- Electric drive/prepared for electric drive = DH+850 mm

Width max. 3,200 mm

Height max. 3,200 mm

Lift min. 1,700 mm

T 400 DDE



Springless elevated rail system

A= hoisting + 200 mm

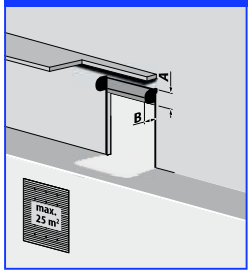
B: (CH = clear height)

- Manually operated-pullcord= CH+650 mm
- Manually operated-chain holst=CH+850mm
- Electric drive/prepared for electric drive = DH+850 mm

Height max. 3,200 mm

Lift min. 1,700 mm

Helix



Helix spiraal

A= 1100 mm

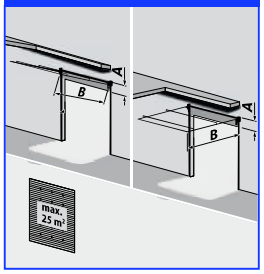
B= 1200 mm

Width max. 5000 mm

Height: min. 2500 mm

max. 5000 mm

S600



Helix S600 Horizontal track system

A= 600 mm

B= open height + 265 mm

Width max. 5000 mm