

Insulation materials in the area of the access sides in the entire height of the shaft must be able to withstand a force of 300 N, which at right angles at any point on a circular or square area of 5 cm² is applied.

Shaft door at BSMT
Sectional door from Hörmann,
N fitting, door profile SPU.
Door control Supra Matic
HT3, option UAP1

Shaft door at GF
Sectional door from Hörmann,
N fitting, door profile SPU.
The door is flush with the
facade, the look of the
profile can be adapted to the
facade. Door control Supra
Matic HT3, option UAP1

Section A-A (1 : 20)

Shaft door at BSMT
Sectional door from Hörmann,
N fitting, door profile SPU.
Door control Supra Matic
HT3, option UAP1

Shaft door at GF
Sectional door from Hörmann
N fitting, door profile ALR
The door is flush with the
facade, the look of the door
profile can be adapted to the
facade. Door control Supra
Matic HT3, option UAP1

Notice: This sample shaft drawing of the VERTICAR® car lift serves only as information material and does not replace the official shaft drawing. An official shaft drawing of the elevator is required for the final and detailed building planning. If necessary and in consultation with you, our sales department and our construction team will adapt this to your building project.

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Hydr. car lift VERTICAR after MD 2006/42/EC and DIN EN 1570-1 Nominal speed max. 0.15 m/s				Shaft drawing template VERTICAR with Facade optic		Product VERTICAR
Search	Date	Issue	Size	"Copyright reserved. Material not to be printed!"		
20.03.2012	20.03.2012	H-ASSE	A4	Logo-Produktion: Götting Jack Wobring-Service Germany		
Logo				Template		

25

Shaft depth

25

200

200

Cabin width

Cabin depth

Traffic light

Door width

Shaft width

Shaft door at GF

Sectional door from H...
N fitting, door profile...
The door is flush with...
facade, the look of th...
profile can be adapte...
facade. Door control...
Matic HT3, option UAF...

Light grid for anteroom monitoring

The drawing consists of two parts: a top view (plan) and a side view (elevation).

Top View (Plan):

- Shows the overall dimensions: **Shaft width** (200), **Door width** (200), **Cabin width**, and **Cabin depth**.
- Labels include: **Traffic lidght** (pointing to a small opening at the top left), **Shaft depth** (at the top right), and **ann, J.** (on the left side).
- The drawing shows a rectangular structure with internal divisions and a door at the bottom.

Side View (Elevation):

- Shows the vertical dimensions: **min 1350** (total height), **300** (top section height), and **min 700** (lower section height).
- Labels include: **1** (Main switch), **2** (Control), **3** (Door open), and **4** (Required).
- Dimensions: **1000** (width of the control area) and **min 1400** (width of the door area).

Machine room (WxD) min. 1400 min. 2100mm

Machine room must be dry and well ventilated. The room temperature must be +15 °C to +30 °C.

Main switch (Fa. Lodige) Elec. fuse (by others)

Machine room

(WxD) min. 1400 min. 2100mm

1 Drive & control

2 Control

3 Door open

4 Required

- ① Drive & oil pan
- ② Control cabinet
- ③ Door opens outwards
- ④ Required space

Technical data:
Technical specifications of the hydraulic car lift VERTICAR.

Example plant:

Nominal load:	2.500 – 3.000 kg
Nominal speed:	max. 0,15 m/s
Axle load:	60% of the nominal load, max. 1.800 kg
Cabin width:	2.500 – 3.000 mm
Cabin depth:	5.500 – 6.000 mm
Cabin height:	2.000 mm
Lifting height:	max. 3.500 mm
Pit:	650 mm
Shaft width:	Cabin width + 400 mm
Shaft depth:	Cabin depth + 50mm
Shaft head height:	2.525 mm (with facade optic, depending on the door variant)
Number of stops:	2
Entrances:	2, opposite (through loading) or one above the other
Machine room:	min. 14.00x1350x2100 mm (WxDxH)
Control cabinet:	1000x1200x300 mm (WxDxH)
Shaft doors:	GF – Hörmann Sectional door, N-fitting, door profile ALR BSMT – Hörmann Sectional door, N-fitting, door profile SPU Machine directive 2006/42/EC and DIN EN 1570-1
Directive:	

The technical data, delivery height, cabin width and cabin depth, as well as the design of the door profiles can be adapted to your wishes after consultation with you.

Sectional door on holding position by client incl. electric controls:

- input for UP
- input for DOWN
- enable signal, door can move
- dry contact upper door
- contact strip
- lightbarrier for obstruction deflection in door area
- secure possibly accouring standing areas with light curtains

