Freight Lift

This lift is dessigned for the transport of goods and persons.

Advantages

Safety: in the event of an electrical failure, the lift descends to the next floor enabling the vehicle to exit.
Flexibility: possibility of integrating any type of control panel.
Easy installation: the design aims to reduce the time taken to install the lift.
Stability: it features bracing to the car and frame, providing the structure with more rigidity and stability.
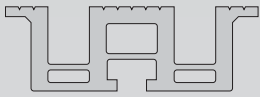
Technical characteristics:

Nominal speed	Up to 0,5 m/s
Nominal load	Up to 6.000 kg
Max. Car height	Up to 3000 kg
Free height doors	from 2000 to 2800 mm
Suspension	1:1 - 2:1
Travel	Up to 20 m.
Standard headroom	3600 mm.
Standard pit	1200 mm.
Direct draft pistons	Up to 3,5 m.
Chains telescopic pistons	1:1 from 3,6 to 10 m.

Q (kg)	Speed (m/s)	Output (CV)	Min. Headroom. (mm)	Min. Pit. (mm)
2000	0,1 - 0,5	6,5 - 30	2900	900
2500	0,1 - 0,5	8 - 40	2900	900
3000	0,1 - 0,5	10,5 - 40	2900	900
3500	0,1 - 0,5	10,5 - 50	2900	900
4000	0,1 - 0,5	13 - 60	2900	900
5000	0,1 - 0,4	15 - 60	2900	900
6000	0,1 - 0,4	17 - 70	2900	900

For speeds between 0,1 and 0,2 m/s possibility to reduce consumption with electronic valves. **Please consult.** For data that do not appear in the table, **please consult.**

Thresholds

Reinforced aluminium threshold (Standard)
Total load: 4800 Kg.
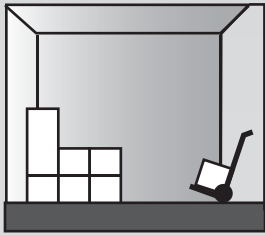Load in support area: 1200 kgs
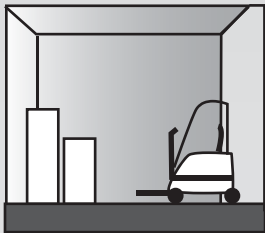
Solid threshold (optional)
For major loads

Use of the Freight Lifts

Type 1

Distributed load. The weight of one only part must not exceed in ¼ the useful load. The load is Introduced on pallets or hand truck

Type 2
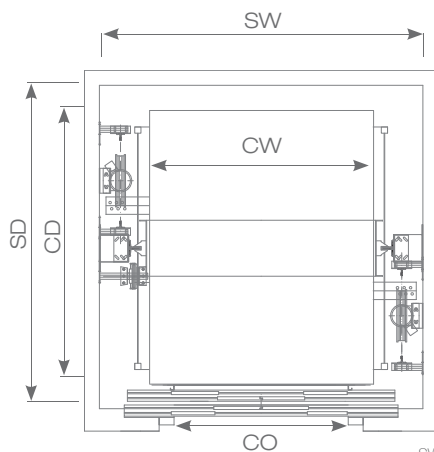
Non distributed load or introduced with hand truck (the handtruck enters the elevator)

Drawing of landing

SW
CW
SD
CD
CO

SW: SHAFT WIDTH
SD: SHAFT DEPTH
CW: CAR WIDTH
CD: CAR DEPTH
CO: CAR OPENING

Q (kg)	SW	SD	CW	CD	CO
2000	2600	2500	1800	2200	1500
2500	3000	2500	2200	2200	1800
3000	3150	2850	2200	2500	1900
3500	3200	3150	2250	2800	2200
4000	3200	3550	2250	3200	2200
5000	3450	3850	2500	3500	2400
6000	3450	4500	2500	4150	2400

Pawl device details