



1.1

Hercules

Hercules is the twin piston hydraulic lift for persons and loads.

Standard sizes

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
8000	4000	4500	2800	4500	2500
10000	4250	5000	3000	4600	2600

SW: Shaft Width
SD: Shaft Depth
CW: Cabin Width

CD: Cabin Depth
CO: Clear Opening

► Applications

**Industrial
Large Loads**

► Freight Lifts use

Even load distribution. Manually loaded into the car or by hand pallet truck. For larger loads, anti-creep locks must be used. The packages weight to be loaded shall not exceed $Q/4$.

High point loads. A forklift can be introduced into the car.

Comfort: Comfort: electronic valve train for smoother ride comfort.

Technical Features

Duty Load (Kg)	2.000 - 10.000
Duty speed	0,3 - 0,5
Machine room	Yes
Travel	Up to 25m
Roping	1:1 - 2:1
Rope diameter (mm)	10 - 13

Q (kg)	Minimum Pit (mm)	Minimum Headroom (mm)
Q ≤ 7.000	900	2.900
Q < 8.000	1.200	3.200

Door type	Automatic - Semiautomatic
Clear opening	1.500 - 2.600 mm
Hydraulic power unit	GMV / MORIS / BUCHER
Control panel:	All
Car models	S-01 / I-01 / CH-01
Panoramic car	No
Weatherproof	No

Standards

EN81/2
EN81.20
EN81.21





Advantages

Safety:

In the event of a power failure, the car lowers to the next stop, easing the removal of the load and opening of doors (optional).

Easy installation:

The design is focused on reducing the assembly hours.

Stability:

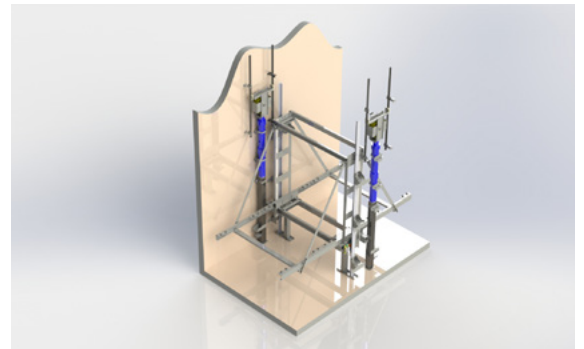
Includes car braces providing more rigidity and stability.

Anti-creep system (For high point loads)

System to maintain the car position locked down during the loading and unloading process.

Type 1: When comfort is important. Avoid car movement with 2 or 4 Pawl Devices coupled to the car frame.

NS 40/50, max. load 4,000 kg. NS 70/100, max. load 7,000 kg



Type 2: Exclusive for goods lifts.

The rupture valve closes the circuit preventing oil leaking.

