



## 1.2 Hercules

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

### Standard sizes

Q (kg)	SW	SD	CW	CD	CO
1.500	2.300	2.500	1.500	2.200	1.000
2.000	2.600	2.500	1.800	2.200	1.500
2.500	3.000	2.500	2.200	2.200	1.800
3.000	3.150	2.850	2.200	2.500	1.900
3.500	3.200	3.150	2.250	2.800	2.200
4.000	3.200	3.550	2.250	3.200	2.200
5.000	3.450	3.850	2.500	3.500	2.400

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

**CD:** Cabin Depth  
**CO:** Clear Opening

### ► Applications

**Industrial  
Heavy 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)	1.500 – 10.000*
Duty speed	0,18 – 0,63
Machine room	CCM
Travel	Up to 25m
Roping	1:1 – 2:1
Rope diameter (mm)	10 – 13

Q (kg)	Minimum Pit (mm)	Minimum Headroom (mm)
Q ≤ 2.500	1.000	3.245
Q > 2.500	1.035	3.245
Q ⇒ 3.500	1.055	3.245

Door type	Automatic
Clear opening	1.300 – 3.000 mm
Hydraulic power unit	GMV / MORIS / BUCHER
Control panel:	All
Car models	Q01 – Q02 – Q03 – Q4 – Q11 – Q12 – Q13 – Q14
Panoramic car	No
Weatherproof	No

\*It shall be technically possible to achieve certain load ranges depending on the characteristics of the installation.

### Standards

EN81 – 2  
EN81 – 20  
EN81 – 21





## Advantages

### Safety:

In the event of a power failure, the car travels to the next stop, opening the doors, and easing the removal of the load.

### Easy installation:

The design is focused on reducing the installation hours.

### Stability:

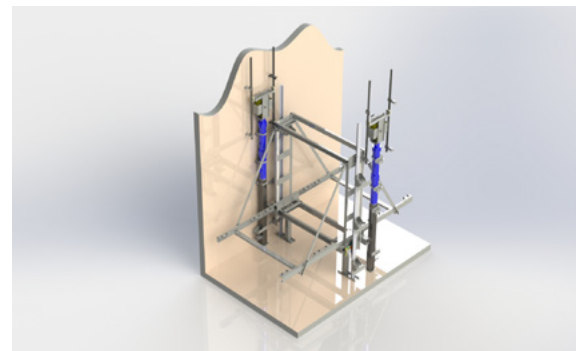
Includes car braces providing more rigidity and stability.

## 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.

