Overhang Beams

Variable 12 Tonne Capa

Libro 12000 Variable [12000kg]

The Libro 12000 Variable is a high-capacity counterweight overhang beam designed for the lifting and installation of large glazing units and façade elements. The system features modular front and rear sections, allowing the lifting configuration to be adapted to different load dimensions, installation depths and site conditions.

Its modular construction enables the beam to be configured with or without extension sections, while tool-free locking pins secure the overhangs in the required operating position, offering up to a 6m deep overhang reach.

Depending on the selected configuration, the Libro 12000 Variable provides lifting capacities of up to 12,000 kg, subject to overhang distance and counterweight arrangement.



Key Features

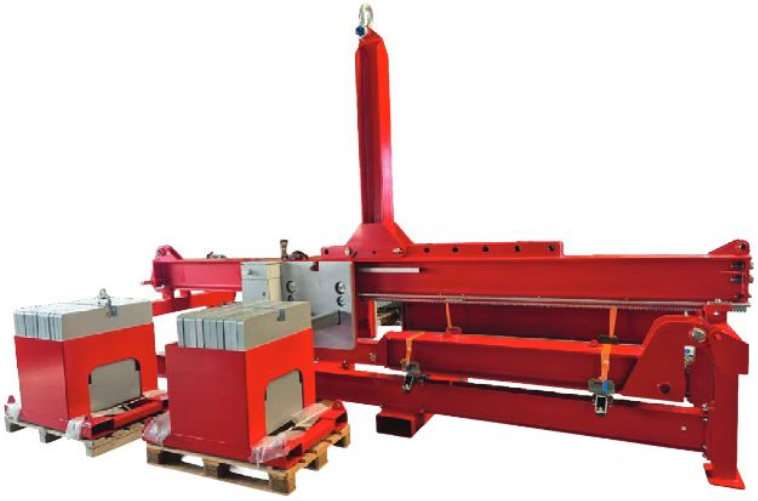
- **Capacity: 12000kg**
- **Suitable for overhangs up to 6m deep**
- **Hook attachment**
- **Radio remote control for counterweight saddle**
- **24V DC battery with separate 110/240v charger**
- **Modular front and rear beam sections**

Reference Code

VOB12000V

Technical Specifications

Safe working load	capacity:	12000kg
Weight	approx:	7940kg (max) (9,100kg with stand)
Depth of overhang	depth:	6000mm (max)
Balance control	control:	rack and pinion counterweight saddle
Power requirements	power:	24V DC rechargeable battery 110/240v battery charger
Standard accessories	standard:	radio remote control to operate counterweight saddle



**use of below-the-hook vacuum lifters depend on type of project.*

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Radio remote control as standard



Capacities At Each Working Length - Layout 1

Overhang	Position	WLL (24 Weights)	WLL (18 Weights)	WLL (12 Weights)	WLL (6 Weights)
2500mm	1	5800kg	4200kg	3000kg	1800kg
2750mm	2	4600kg	3400kg	2400kg	1400kg
3000mm	3	3600kg	2650kg	1850kg	1050kg
3250mm	4	2750kg	2100kg	1400kg	750kg
3500mm	5	2100kg	1550kg	1000kg	500kg
3750mm	6	1600kg	1100kg	650kg	250kg
4000mm	7	1000kg	700kg	350kg	100kg

Capacities At Each Working Length - Layout 3

Overhang	Position	WLL (24 Weights)	WLL (18 Weights)	WLL (12 Weights)	WLL (6 Weights)
4500mm	1	3200kg	2200kg	1500kg	850kg
4750mm	2	2600kg	1800kg	1200kg	650kg
5000mm	3	2100kg	1400kg	950kg	450kg
5250mm	4	1600kg	1150kg	700kg	250kg
5500mm	5	1200kg	800kg	450kg	100kg
5750mm	6	800kg	500kg	250kg	-
6000mm	7	500kg	200kg	-	-

Capacities At Each Working Length - Layout 2

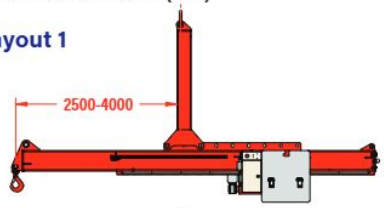
Overhang	Position	WLL (24 Weights)	WLL (18 Weights)	WLL (12 Weights)	WLL (6 Weights)
2500mm	1	12,000kg	9500kg	6700kg	4100kg
2750mm	2	10,400kg	8000kg	5700kg	3600kg
3000mm	3	9000kg	7000kg	5000kg	3000kg
3250mm	4	7700kg	5900kg	4200kg	2500kg
3500mm	5	6800kg	5100kg	3600kg	2100kg
3750mm	6	5700kg	4400kg	3100kg	1800kg
4000mm	7	5000kg	3700kg	2600kg	1500kg

Capacities At Each Working Length - Layout 4

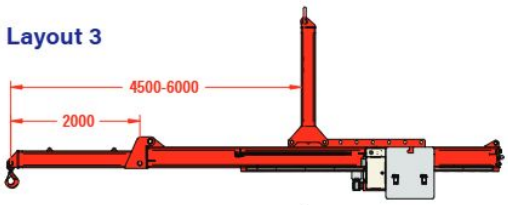
Overhang	Position	WLL (24 Weights)	WLL (18 Weights)	WLL (12 Weights)	WLL (6 Weights)
4500mm	1	6500kg	5000kg	3600kg	2200kg
4750mm	2	5800kg	4500kg	3200kg	1900kg
5000mm	3	5100kg	4000kg	2800kg	1600kg
5250mm	4	4500kg	3400kg	2400kg	1400kg
5500mm	5	3800kg	3000kg	2100kg	1100kg
5750mm	6	3400kg	2500kg	1700kg	900kg
6000mm	7	3000kg	2200kg	1500kg	700kg

Technical Data (mm)

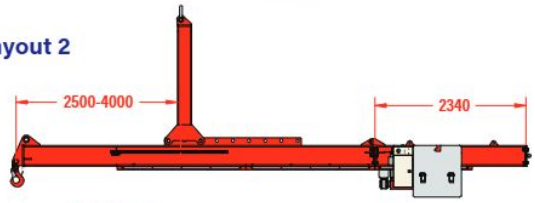
Layout 1



Layout 3



Layout 2



Layout 4

