ACCESUS

PARAPETS:
WALL CLAMPS

TECHNICAL DETAILS

This suspension clamp mounted on parapets is a quick and easy to install solution to suspend either, cradles, working platforms, chairs or material lifting hoists such as LM or Motrix.

Counterweights are not required, they are easy to transport and store. These clamps are ideal when there is limited space on top of buildings.

It has an adjustable clamping system to be fitted on parapets thickness ranging from 0,15 to 0,50 m.

Two models are available: working load of 500 kg and 800 kg.

As an additional safety feature, the clamp has a hole at the end of the superior bar to attach a wire rope sling.

Different positions to the anchoring suspension points depending on the model.

Easy to install it only weighs 27 kilos.

This parapet clamp is certified for man riding

Prior to install and use the clamp it must be double-check that the parapet on which the clamp is mounted is strong enough to resist the load and forces transmitted by the clamp as per the formulas below.
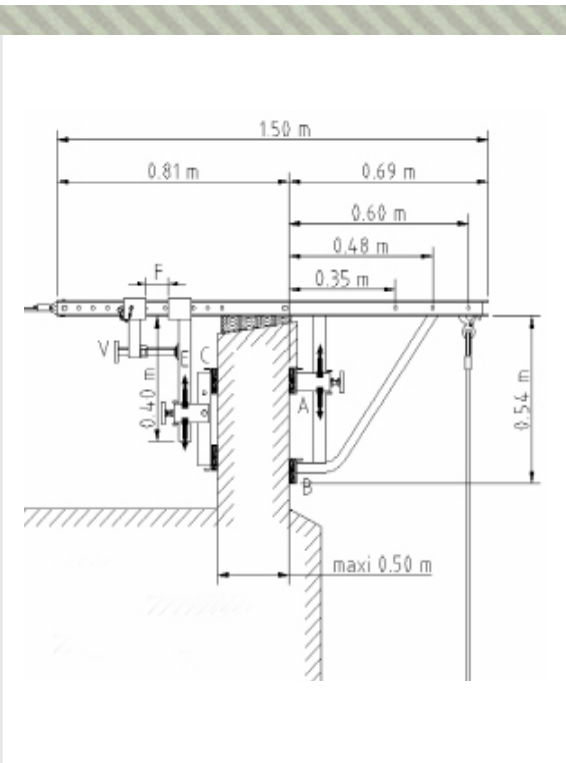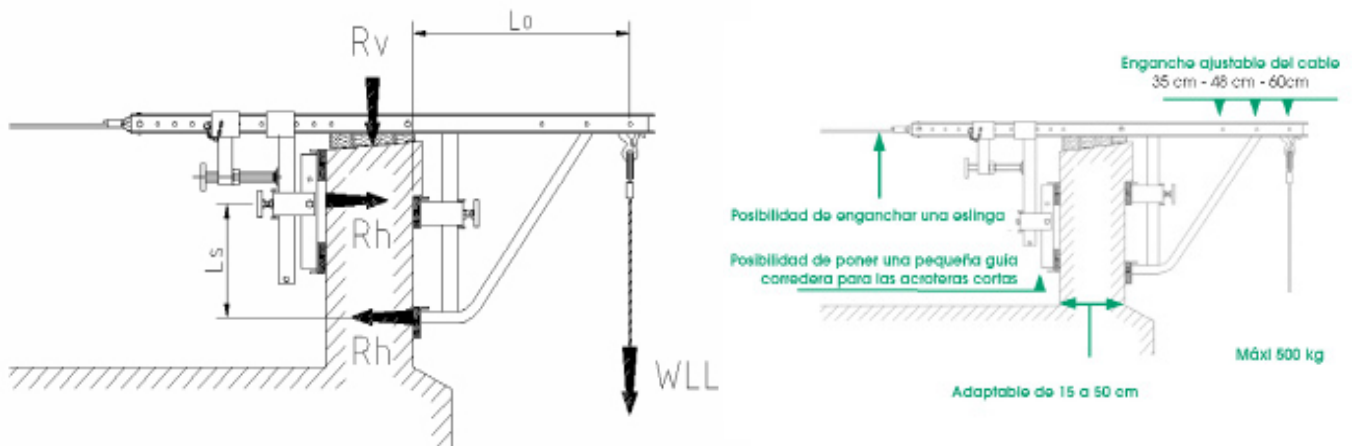

TECHNICAL DETAILS

	Model 500	Model 800
Maximum load	500 kg	800 kg
Wall thickness	0,15 m to 0,5 m	0,15 m to 0,5 m
Overhanging	0,35 - 0,48 - 0,60 m	0,35 - 0,48 - 0,60 m
Weight	27 kg	49 kg

BENEFITS

- Light and easy to handle, small size.

- Adjustable to different thicknesses of parapets.

- Suspension anchoring points adjustable.

- Suitable for any cradle or material lifting.

- Certified for man riding.

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PARAPETS:
WALL CLAMPS

$$Rh \times Ls = WLL \times Cwr \times Lo + SWR \times Lb$$

$$Rv = WLL \times Cwr + SWR$$

WLL: Working Load Limit.
Rh: Horizontal Reaction on the parapet.
Rv: Vertical Reaction on the parapet.
Cwr: Utilization factor for the structure (Cwr 3 or over).
SWR: Parapet Clamp weight (27 Kg.).
Ls: Vertical distance between clamping points.
Lo: Overhanging length.
Lb: Distance of the parapet centre of mass to create an overturning moment
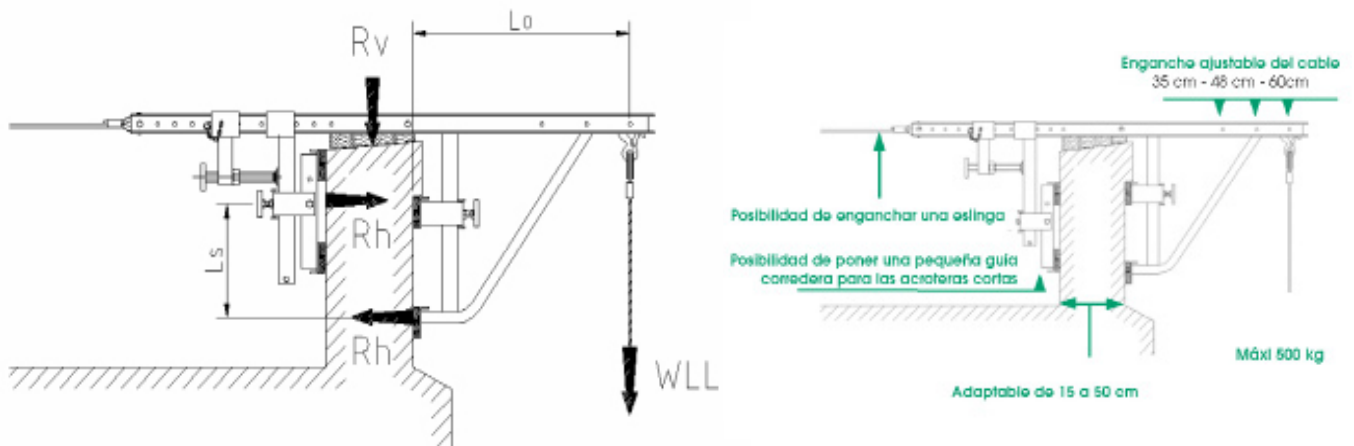**SWR** over the parapet (Lb = 0).
Maximum load: 500 Kg.
Rh maximum: 3000 Kg.
Rv maximum: 1527 kg.

Installation advice:
- Make sure the parapet can support the forces and reactions calculated. Check with the Site Manager
- After the installation and before using it is advised to make a working test according the current legislation in each country.
- Do periodical checking making sure there it is properly fixed before it is used.

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