

Product sheet - Hoist

ANCHORING AND SHORING CASTOR STEEL



For a safe installation, don't forget to add anchoring and shoring features to your hoist order. Anchoring and shoring rules are downloadable at www.haemmerlin.com.

The installation of a hoist ends with its fixing to an element of its environment according to the configuration of the worksite. Inclined or vertical, the headboard **must always be supported and secured to the building/scaffolding** through the use of bolts, ropes, straps or chains, in order to ensure the stability of the equipment and avoid all risk of accidental collapse. As well, **the ladder base must always be secured to the ground** through the use of steel rods or bolts, through the holes in the support beam.

I WANT TO INSTALL MY CASTOR STEEL HOIST AT AN INCLINE

Minimum slope of the ladder: 30° relative to horizontal.

If the angle is **greater than 60°** relative to horizontal, the ladder mast must be supported **at a minimum of every 5 m**.

If the angle is **lesser than 60°** relative to horizontal, the ladder mast must be supported **at a minimum of every 4 m**.

The knee joint and the headboard must always be supported and secured to the building/scaffolding through the use of bolts, ropes, straps or chains, in order to ensure the stability of the equipment and avoid all risk of accidental collapse.

As well, **the ladder base must always be secured to the ground** through the use of steel rods or bolts, through the holes in the support beam.

ACCORDING TO THE CONFIGURATION, I WILL USE :

	Code - EAN	Reference	Image	Function
Shoring for inclined installation	311503201 3155031150327	Support trestle		Provides support for ladders and knee joint when they cannot rest directly upon the roof or a window sill.
	311503001 3155031150303	Ladder prop 2-3 m		To be used with support trestle. Adjustable from 2 to 3 m. Provides support between the ladder and the ground, a balcony, a window sill, a terrace, etc.
	311503101 3155031150310	Ladder prop extension 2 m		Ladder prop extension to be adjustable from 4 to 5 m.
	312797801 3155031279783	Headboard props 1.1-2 m		Allow the headboard to be perfectly supported, when the hoist extremity is cantilevered on a terrace or inside a building. Adjustable from 1.1 to 2 m.

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I WANT TO INSTALL MY CASTOR STEEL HOIST VERTICALLY

A hoist is considered vertical when the angle of the mast to the vertical is less than or equal to 3°.

- **Against a façade**, the ladder mast must be anchored to the building **at every floor and at a minimum of every 3 m**.
- **Against scaffolding**, the ladder mast must be anchored **at each scaffolding level**. This requires **2 anchors** per level.

ACCORDING TO THE CONFIGURATION, I WILL USE :

	Code - EAN	Reference	Image	Function
Anchoring for vertical installation against a façade	311503301 3155031150334	Embrasure clamp		Allows perpendicular ladder support against building façade, facing a window frame.
	311503401 3155031150341	Balcony clamp		For perpendicular ladder support against building façade, facing a balcony or terrace.
	312072101 3155031207212	Mooring jack 0.70-1 m		Window mooring jack, adjustable from 0.70 to 1 m. Captive pin and clamping handle. Galvanised steel.
	312072201 3155031207229	Mooring jack 1-1.70 m		Window mooring jack, adjustable from 1 to 1.70 m. Captive pin and clamping handle. Galvanised steel.
Anchoring for vertical installation against a scaffolding	312072401 3155031207243	Orthogonal coupler		Coupler for connecting 2 tubes Ø 48.3 mm at a 90° angle. Individually.
	312072301 3155031207236	Swivel coupler		Coupler for connecting 2 tubes Ø 48.3 mm at variable angle. Individually.
	311503501 3155031150358	Scaffolding anchorage		For vertical anchoring of a hoist against a scaffolding.
	312072601 3155031207267	Scaffolding pipe 2 m		Pipe allowing anchoring of hoist ladders against scaffolding façade. Dimensions Ø 48,3 mm, length 2 m.