

Rotating rail lifting crane

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MAQUIVIAS MQ-CC-1000

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GENERAL DESCRIPTION

The **Maquivias rail lifting crane** has a lifting capacity of 1,000 kg, making it sufficient to meet today's needs for all types of rail weights. It can be used in groups of 2 or 3 units, spaced according to the lengths of rail to be handled, provided that no one crane is used to lift more than 1,000 kg.

The crane is operated hydraulically, and the cable drum turns smoothly and continuously (avoiding jerking). The load is moved from the end of the jib towards the centre of the platform manually by turning a handle. This is effortless for the operator given the gearing ratio of the mechanism.

An optional variant of the crane allows the load to be moved hydraulically.

OTHER OPTIONS

- Longer jib, or jointed/folding jib, for greater reach
- Crane with rotating jib (360°) to enable loading and unloading to and from both sides of the platform.

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MAIN TECHNICAL SPECIFICATIONS

Engine:	-Model: Honda GX-120 (petrol) air-cooled -Power: 5 hp at 3,600 r.p.m. -Engine torque: 21.06 Kg/m -Engine starting: Pull cord (sprung loaded)
Hydraulic pump:	Roquet 1LO3DIOR (geared)
Hydraulic motor:	OMR, DANFOSS (geared type, orbital), with coupled brake valves to avoid the load dropping.
Lifting capacity:	1000 Kg.
Lifting speed:	10 metres/minute
Hydraulic system pressure:	170 kg/cm ² (nominal)
Maximum distance of grab:	4 metres (from end of jib)
Total weight of machine:	400 Kg.
Overall dimensions:	- Length: 2.80 metres - Width: 0.80 metres - Height: 1.30 metres