



ERBI 57.220 ELECTROMAGNET FOR WIRE ROD LIFTING

Elettromagnet for handling of wire rod coils with horizontal axis, length up to 2400mm, outside diameter up to 1200mm, weight up to 3 Ton.

Good to handle also two separate coils, provided they are well aligned and with an overall length not exceeding 2400mm.

It therefore allows the loading of a row on a wagon / truck with a single movement.

Impact and wear resistant structure.

Weight: kg 3700

Power: 10.5 kW

Good to be used on loaders weighing more than 20 tons.

Suitable for handling also so called 'Jumbo' compact coils, with vertical axis and high density, diameter up to 1300mm, weight up to 5 tons.

Quick hold and release of the material thanks to the rapid demagnetization device.

360° rotation with geared slewing bearing and pinion for quick and precise positioning of the load. Adjustable rotation speed.

Safety factor $k = 2$ on the load

Suitable for materials with temperatures up to 300°C

Available in twin-magnets version and/or without rotation device, for high productivity overhead cranes.



Rotation system with geared slewing bearing and pinion for quick and precise positioning!



Suspension by ball bearing.
Extremely smooth rotation even with very high loads.
Electric power supply via rotary joint.
Robustness, operating comfort, limited maintenance.



Heavy duty gearmotor equipped with negative brake, overcenter valve and relief valves.
Solidity, Power, Precision.

LIVE FROM THE FIELD:

This electromagnet is used with excellent results at a well-known steel plant in the province of Udine-Italy to load on rail cars the wire rod destined to customers. The use of this tool has made it possible to reduce the loading time of each wagon by 40%.

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