

FELEMAMG

m a g n e t i s m



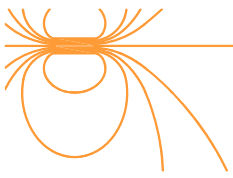
ELECTROMAGNETIC EQUIPMENT FOR ROLLED SHEET COILS HANDLING

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ **ПРОДУКЦИЯ 0884.1-I**

Интернет: www.tisys.ru www.tisys.kz www.tisys.by www.tesec.ru www.ти-системс.рф

Телефоны: +7 (495) 7774788, 7489626, (925) 5007155, 54, 65

Эл. почта: info@tisys.ru info@tisys.kz info@tisys.by



ELECTROMAGNETS / ELECTRO-PERMANENT FOR COILS HANDLING ON THEIR VERTICAL AXIS



DESCRIPTION:

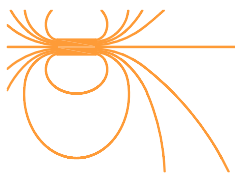
Used for the rapid movement of coils by their flat surface or vertical axis, they have a large control surface and may consist of modules of two or three elements.

Specially designed not to damage the edges of the band, they have a deep magnetic field that enters in the body of the coil. However, this field is of relatively low intensity in order to not produce excessive force on the edge of the band.

For automated installations, flow diversion electro-permanent is usually supplied, in which the force is made solely by permanent magnets, thus increasing safety compared to conventional electromagnets.

For non-automated installations either classical electromagnets or commutation electro-permanents are provided. The former are supplied with an emergency battery system to keep the load lifted in case of a power cut. The latter, maintain the increased security of the deviation electro-permanents, the only difference being that the permanently indoors electromagnets are maneuverable.

All types of magnets, whether they are electromagnets or electro-permanents, are supplied with electrical or electronic control equipment, feed and protection.



ELECTROMAGNETS FOR COILS HANDLING ON THEIR HORIZONTAL AXIS



DESCRIPTION:

These are electromagnets with a powerful magnetic field depth. Their articulated external poles adjust to the curvature of the coil, in this way they can adapt to different external diameters of the coil.

Their exclusive application is unitary handling of rolled sheet coil by its horizontal axis or curved surface.

The main advantages are the large increase in storage capacity, with no need for space between the coils to be handled by other means, as well as the great reduction in time spent in transport and handling, and above all, the disappearance of traces and deformation of the coils caused by the use of mechanical means.

These electromagnets are provided with their corresponding electrical power and control equipment, with the latest protection and security systems. For the correct choice of the electromagnet, FELEMAMG requires the following information:

- Maximum and minimum external diameter.
- Internal diameter.
- Height of the coil.
- Maximum weight of the coil.
- Overhead crane data (Capacity, height,....)

**MOBILE POLES
ELECTROMAGNETS FOR
ADAPTING TO IRREGULAR
SURFACES**



**BIPOLAR LIFTING ELECTROMAGNETS
FOR LONG PIECES OF HIGH SECTION**

**SPECIAL ELECTOMAGNETS
FOR TUBE BUNDLES
HANDLING**

