

FELEMAMG

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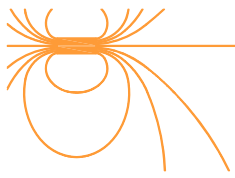
SPECIAL ELECTROMAGNETS FOR TUBE BUNDLES TYPE "FSRT"

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ

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



DESCRIPTION:

These are large-sectioned electromagnets with great field depth that have been specially designed to exercise their pull on a large part of the thickness of the bundle, in such a way that the weight of the pipes is not wholly withstood by their cording, thus reducing the stress on the steel straps.

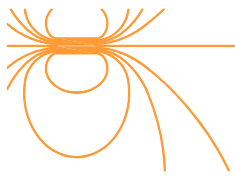
The length of the magnetic circuit is adapted either to the cording, or the set of straps. Moreover, the whole length of said magnetic circuit possesses the same magnetic power. The coil extends beyond the circuit on both sides in order to avoid the weakening of the magnetic circuit at its ends. In this way, complete safety at work is achieved.

These electromagnets are very sturdy and have been built with great care. They are capable of withstanding maximum production demands.

It may be necessary to plate two or more electromagnets on a beam in order to avoid or reduce bending, in accordance with the length of the cording. Said beams can be made as fixed or telescopic, depending on the load's specifications.

The installation is completed with an electric supply, control and protection unit, to feed and protect the magnets at constant current (Intensity); and which can be fitted with the following characteristics:

- Lead or Nickel-Cadmium emergency batteries capable of maintaining the load hoisted for an average of 20 minutes.
- RST transport safety system for safety reasons, the magnets are energised only up to 65% of the lifting force when picking the material.
- Light and sound signalling systems.
- Automatic opening and locking system for the arms in the case of telescopic beams.
- Selection system for the electromagnets to be energised.
- Magnetic field regulation system.
- Full function of all indicators and control in the event of line power drop.



APPLICATIONS:

These electromagnets have been specially designed to handle and transport pipe bundles. Several different sizes are available to adapt to the various widths and lengths of bundles. They can be fitted with continuous force control that enables the handling of single pipes in layers.

DATA NEEDED FOR THE STUDY:

- Shape and dimensions of the cordings.
- N° of cordings to be handle.
- Pipe dimensions.
- Máximum weight.
- Cording lengths.
- Overhead crane data.



SPECIAL ELECTROMAGNETS
FOR BILLET
LARGE PRODUCTION



WIDE RANGE OF CIRCULAR
ELECTROMAGNETS

SPECIAL ELECTROMAGNETS
FOR PROFILES

