Several different companies make up the Evertz - Group. The mother entity « Egon Evertz KG » was created in 1956 by the company founder of the same family name, Mr Egon Evertz.

The group is a key specialist service and equipment provider to the steel producing and metallurgical industries, all over the world.

Company HQ : Solingen, Germany

Head count : ~ 650 employees

Over 300 registered patents

Internet: www.evertz-group.com
EVERTZ - GROUP
Products & Services - Overview

Steel product grinding

CC plates, CC moulds, plate coating ...

Construction of CNC machine tools

Steel industry service provider

Scarifying

Load Lifting Magnets

Hydro technical installations & components

Tailor made turn key steel industry solutions
Herstellung von Elektro-Lasthebemagneten
Final Acceptance Test for Load Lifting Magnets

LIFTING CAPACITY: Up to 48 ton coils with this magnet under the worst condition with a minimum diameter at the maximum sheet width, with a minimum safety factor of double security.

AIR GAP: The average winding difference of the coils is 10-15 mm. Upon delivery as part of the final acceptance test at the customer, we lifted and transported the heaviest coil (47.8t) with 15mm winding difference and 25 mm simulated air gap.
Factors for the design of Electro Load Lifting Magnets

Load lifting magnets offer advantages related to quality, labor and productivity.

With magnets you have the following advantages:

- Magnets decrease the potential of product damage, often caused by chains, hooks or mechanical grasps.
- Better accessibility of the load.
- Greater safety.
- Speed of handling is much faster.
- Economy of space.
- Low maintenance costs.

48t Coil Lifting Magnet
Stromversorgungen von normalen Gleichrichtern bis zur Steuerungskategorie III
DC Power Supplies
For electro load lifting magnets

Touchpanel zur Bedienung eines Lasthebemagneten
Steuerungskategorie 3
DC Power Supplies
For electro load lifting magnets

Connection box for coil system 1
Connection box for coil system 2

DC Power Supplies
For electro load lifting magnets

Stromversorgung Steuerungskategorie 3

System 1  control  System 2
DC Power Supplies
For electro load lifting magnets

Stromversorgung Steuerungskategorie 3
Applications for Electro load lifting magnets

Transport von Knüppeln
Applications for Electro load lifting magnets

Schrottmuschlag
Applications for
Electro load lifting magnets

Technical information:
Length: 6.000 mm
Width: 2.200 mm
Dead weight: 30.500 kg
Delivery with top beam and weighing unit.

Technical information:
Diameter: 2.750 mm
Dead weight: 14.500 kg
Applications for
Electro load lifting magnets

Slab handling
Applications for Electro load lifting magnets
Special Applications for Electro load lifting magnets
Special Applications for Electro load lifting magnets

Gentle slab turning and transportation magnet here: 40 t and up to 500°C slab temperature
Advantages of the gentle slab turning and transportation magnet in general:

- Turning is possible everywhere in the crane area.
- This patented magnet is designed in a way, that in case of correct operation a falling down of the slab could be excluded.
- In comparison to standard turning magnets the forces and stress into the crane will be minimized.
- The turning process is a smooth and gentle process.
Special Applications for Electro load lifting magnets

- Lifting capacity: up to 50 t
- Transport with vertical and horizontal winding axle
- For example in operation at ThyssenKrupp Steel, Bochum since 1992 for Coils up to 38 to
Special Applications for Electro load lifting magnets