
Coil Rotator

Easy rotation of large loads

Further processing on slit coils often requires them to be rotated from the horizontal into the vertical position or vice versa.

TRUNINGER has developed magnetic coil rotators for this purpose. Coil rotators offer:

- Easy transport of coils to and from storage areas
- Direct transfer of coils from storage areas onto the processing machine's decoiler

A coil rotator is an alternative to mechanical lifting devices like chains and slings. The magnet grips the slit coil gently on its curved outer surface. This allows a maximum contact area thus guaranteeing the required adhesive force for rotating the coil safely and securely. This form of handling also ensures that the coil is not damaged and that there is no degradation in quality.



Figure 1: Coil rotator in position – winding axis horizontal

The magnet is designed in such a way that the coil eye remains unobstructed. The slit coil can thus be pushed straight onto a decoiler without any additional step in the working process.

Advantages

- Easy handling with coils picked up and set down quickly
- More compact storage, no aisles and spacing timbers required
- No coil edge damage during transport
- Direct feeding of machines
- Hydraulic adjustment enables coils to be set down in different positions

Your benefits

- Significant time saving
- You can store considerably more material within the same area
- No degradation in coil quality
- One single lifting device for two different load positions
- No operating assistants required, lower personnel costs



Figure 2: Coil rotator with ring magnet – winding axis vertical