
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 store
- Direct transfer of coils from store to mandrel of processing machine

A coil rotator is an alternative to chains and slings. The magnet grips the slit coil gently on its surface. Maximum contact area guaranteeing the required adhesive force for rotating the coil safely and protects the coil from damage.



Figure 1: 8t 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

- Both options: store coil eye up OR store coil eye horizontal
- Store coil eye up allows high stable stacks without spacers
- Wide area contact to load, no damages of coil edges
- All in one process: pick, transport, rotate, place on machine mandrel
- Easy handling, no manual work with chains

Your benefits

- Higher crane capacity due to higher process speed
- Higher store density due to no gangway between stacks (ton/m²)
- Higher safety due to separation of operator from process
- Lower scrap rate due to less material damage
- Lower personnel costs due to one man operation



Figure 2: 8t Coil rotator in position – winding axis vertical