

# STEEL INDUSTRY – METALLURGY



## Equipment designed to withstand extreme temperatures and very heavy loads

In steelworks, foundries and metal processing sites, working conditions are extreme: heat, dust, vibration and the handling of extremely heavy loads. The reliability of lifting rings is therefore a critical safety factor.

CODIPRO offers products capable of withstanding high temperatures and extreme mechanical conditions.

## Recommended products for the steel and metallurgy industry

- **GRADUP lifting rings:** designed for very heavy loads, offering high mechanical resistance
- **Stainless steel lifting rings (SS.DSR, SS.DSS, etc.):** Manufactured in 316L stainless steel, these lifting rings are designed to resist corrosion and perform reliably in critical environments.
- **Surface treatments:** materials and surface treatments adapted to high-temperature and harsh industrial environments
- **RSB system (LIFTEUROP):** The RSB system developed by LIFTEUROP is a complete lifting solution consisting of a pulley, a riveted wire mesh sling, a tie and a hook. It offers high flexibility and excellent resistance to sharp edges, making it particularly suitable for lifting steel coils without risk of tipping or damage to the load. With a safety factor ranging from 4:1 to 6:1 depending on the configuration, it provides enhanced safety even in the most demanding applications. It is designed for loads from 3 to 20 tonnes, with specific dimensions and thicknesses depending on the model. Each system benefits from individual traceability, clear marking and fast delivery. On request, a PVC sleeve can be added to protect sensitive surfaces during lifting operations.
- **Custom lifting beams (LIFTEUROP):** Designed to distribute loads across multiple lifting points, improve stability for long or irregular components and optimise handling operations on production lines.

## Your benefits

- **Safe lifting** even under **extreme conditions**
- **Extended equipment lifespan** despite **intensive cycles**
- Reduced **machine downtime** linked to maintenance operations
- **Compliance** with safety standards in the **metallurgical sector**

Need personalised advice for your lifting operations?

Our technical teams support you in selecting the lifting rings and systems best suited to your production environment.