

HYDROPOWER



Robust and safe lifting solutions for a demanding industry

Hydropower is a key component of the energy transition. Whether it involves valve maintenance, turbine lifting or handling structures in underground galleries, the challenges are numerous: humid environments, restricted access, massive loads and absolute precision. In this demanding context, CODIPRO offers a complete range of lifting solutions combining robustness, reliability and safety, perfectly adapted to on-site realities.

Recommended products for the hydropower sector

MEGA.DSS+: High-capacity lifting with maximum safety

Designed for XXL loads, the MEGA.DSS+ is a double swivel lifting ring specifically developed for critical applications such as those encountered in the hydropower sector. With 360° rotation and 180° swivel, it ensures optimal load alignment, which is essential for operations in confined or hard-to-reach environments. Manufactured in GRADUP steel, it can handle loads from 30 to 70 tonnes while withstanding extreme temperatures from -20°C to +200°C without performance loss. Available in metric threads (M64 to M100) and UNC (2"3/4 to 4"), the MEGA.DSS+ offers maximum adaptability. Its "+" version reflects an upgraded Working Load Limit (WLL), delivering even greater safety and performance. Each lifting ring is certified, traceable and compliant with Machinery Directive 2006/42/EC, with a safety factor of 4:1 or 5:1 depending on requirements.

A complete range for hydropower applications

In addition to the MEGA.DSS+, CODIPRO offers other products perfectly suited to wet, corrosive or hydraulic environments:

- **GRADUP lifting rings:** for safe lifting of heavy components such as turbines, valves or steel structures.
- **Stainless steel lifting rings (SS.DSR, SS.DSS):** ideal for outdoor installations or highly humid environments thanks to excellent corrosion resistance.
- **DSR:** double swivel lifting rings recommended for inclined assemblies, eccentric loads or complex lifting configurations.

These solutions address the specific constraints of isolated sites, underground power stations and hard-to-access areas. Thanks to a wide variety of configurations, each solution can be adapted to real on-site conditions.

Our team is available to assess your requirements and recommend the most suitable lifting ring for your hydropower projects.