

PROTHERM SERIES

General features

The PROTHERM series comprises fully custom-built induction heating systems, individually designed and manufactured for your specific workpiece, process and production environment. Each PROTHERM system is engineered and built in-house at our facility in Harderwijk, the Netherlands.

Five product lines

The PROTHERM series is organized into five dedicated product lines, each targeting a specific type of application:

Proven in the field

PROTHERM systems have been delivered to leading companies in mining, windpower, rolling stock, electric motor production and various other heavy industry markets worldwide. From crusher roll assembly to wind turbine main bearing installation, each system is built to perform.

Engineered for your process

Every PROTHERM system includes custom coil design, automated handling options and full project management from concept to commissioning.



PRODUCT LINES	WORKPIECE CAPABILITY	APPLICATION DESCRIPTION
U-LINE	Up to 100.000 kg	Large induction heating solution for heavy crusher rolls, typically used in the mining world.
S-LINE	Up to 5000 kg Custom dimensions	Sliding yoke systems for flexible workpiece loading. Horizontal yoke slides aside for fast loading/unloading cycles.
H-LINE	Up to 5000 kg Custom dimensions	Induction heater with a tilted U-core for easy handling of the parts, typically used in production areas. Possibility of a lifting device for handling the yoke.
STATOR HOUSING-LINE	DIN 56 to 355	Dedicated heaters for electric motor stator housings. Designed for production-line shrink-fit assembly of stator cores.
ROTOR-LINE	Dimensions upon request	Dedicated heaters for electric motor rotors. Designed for production-line shrink-fit assembly of rotors.