

The new all-rounder: The new MIND-M 800 combines the small space requirement of the MIND-S series with the functional diversity of the MIND-L series. A compact complete hardening machine for induction hardening of chuck and shaft parts up to 600 mm in length. The cooling system, energy sources (high-frequency generators up to 150 kW HF or medium-frequency generators up to 250 kW MF as well as dual-frequency generators up to 125/75 or 75/100 kW (MF/HF)), machine control cabinet and process cell are also integrated in a space-saving manner on a common machine stand in the MIND-M 800. Together, they ensure maximum productivity at comparably low investment costs.

Modular design with maximum availability thanks to function optimisation in every detail. Rigid overall design, precise positioning and exact generator control ensure reproducible and permanently consistent hardening results. Industry 4.0 process and machine data acquisition is based on eQC (eldec quality control). With our High Precision Tool System - HPTS for short - set-up times are significantly reduced.

The MIND-M 800 is available as a single-spindle machine, double-spindle machine or with indexing table for loading and unloading during machining. The system can be loaded either manually or automatically by the loading module.

Technical Data

Workpiece length, max.	600 mm	Generators	up to 250 kW (MF)
Workpiece dia., max.	300 mm		up to 150 kW (HF)
Workpiece weight, max.	35 kg		up to 125/75 or 75/100 kW (DFG)
Y-axis travel	60 mm		
Z-axis travel	800 mm	Minimal footprint	1850 x 3450 mm

