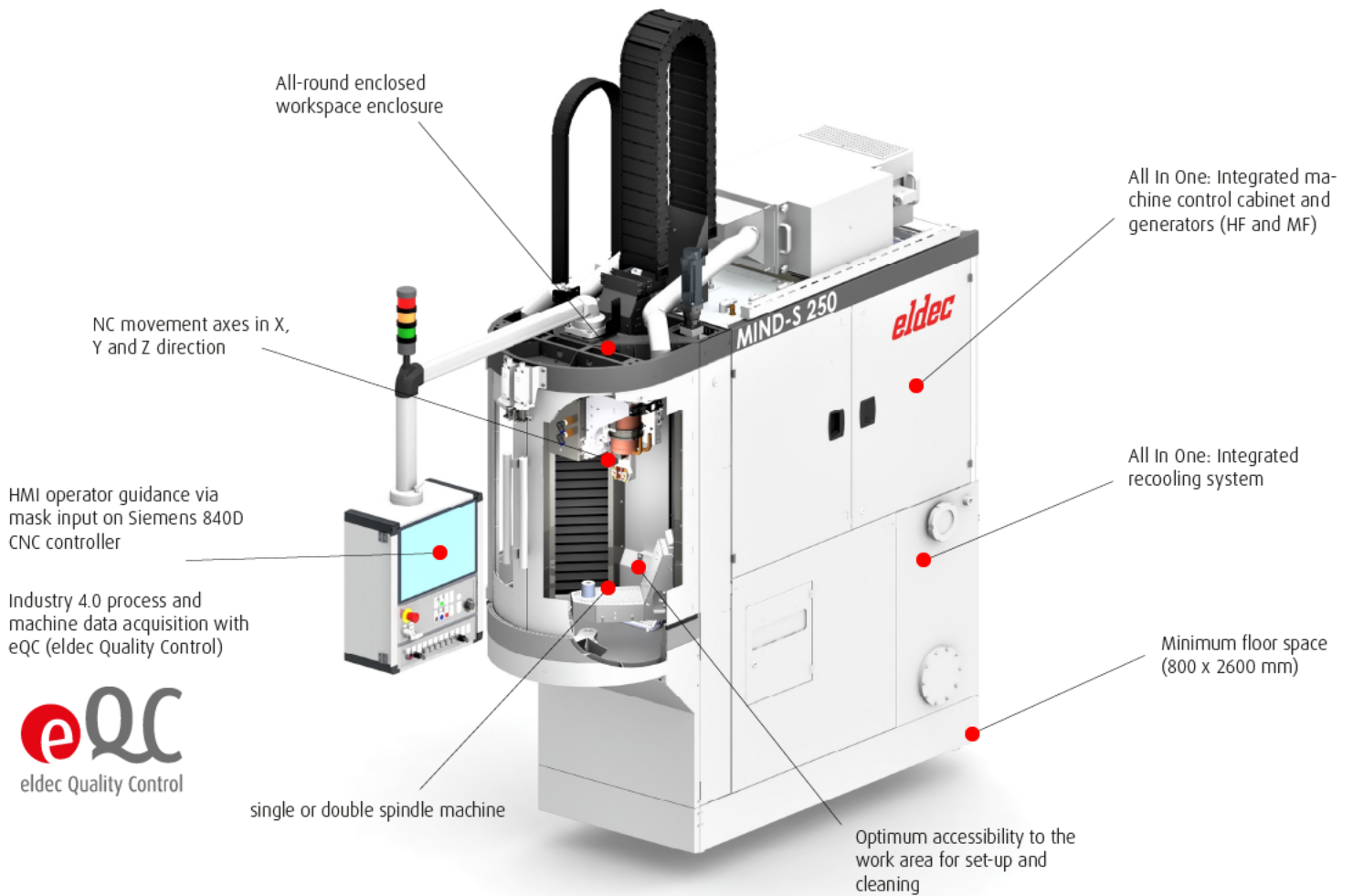


MIND-S 250

All in One: compact complete hardening machine for chuck parts in medium quantities



The MIND-S 250 is a compact complete hardening machine for induction hardening of chuck parts up to 250 mm in length. Cooling system, energy source, machine control cabinet and process cell are integrated in a space-saving manner on a common machine stand, thus ensuring maximum productivity in the smallest possible space and at comparably low investment costs.

Induction hardening tasks, including serial induction tempering if required, with a maximum power requirement of 50 kW HF or 100 kW MF, can be solved with the MIND-S 250.

The MIND-S 250 is equipped with Y- and Z-NC axes for positioning the inductor to the workpiece, a main spindle drive for workpiece rotation, a temperature- and flow-monitored shower for the quenching medium and a full Siemens 840D CNC control.

The MIND-S 250 is available as a single or double spindle machine. The loading module allows the system to be loaded either manually or automatically.

Technical Data

Workpiece length, max.	200 mm	Generators	up to 100 kW (MF)
Workpiece dia., max.	300 mm		up to 50 kW (HF)
Workpiece weight, max.	10 kg		
X-axis travel	10 mm	Minimum floor space	800 x 2600 mm
Y-axis travel	40 mm		
Z-axis travel	250 mm		