



HEATER400-SMART-500V [↗](#)

Induction heating device

HEATER smart

Technical information



Your current product variant

Series	SMART	Extended functionality
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Technical data

U	500 V	Operating voltage
f	50 – 60 Hz	Power frequency
P	12 kVA	Power consumption
I	24 A	Current rating
$\vartheta_{h \text{ max}}$	240 °C	Max. heating temperature
	0 – 99 min	Heating time
	Touch	Display
	2	Magnetic probe, quantity
$\approx m$	176 kg	Weight



Functions

+	Temperature hold
+	Automatic demagnetization, <2A/cm
+	Swivel arm
+	Log function
+	Delta-T control
+	Temperature control
+	Time control
+	Temperature and time control
+	Temperature and speed control
+	Overheating protection
only in temp. and speed mode	Automatic power reduction
+	Device supports horizontal / lying heating of the workpiece
+	Device supports vertical / hanging heating of the workpiece
+	Device mobile

Dimensions

	1.214 mm	Length HEATER
	560 mm	Width HEATER
	990 mm	Height HEATER
B	320 mm	Space between poles
C	305 mm	Pole length
D	80x100	Pole cross section (mm ²)



Workpiece to be heated

	115 mm	Min. inner diameter workpiece, vertical heating: with included yoke
	30 mm	Min. inner diameter workpiece, vertical heating: with optional yoke
	135 mm	Min. inner diameter workpiece, horizontal heating
ØA max	850 mm	Max. outer diameter workpiece
	315 mm	Max. workpiece width, vertical heating
	300 mm	Max. workpiece width, horizontal heating
m b max	400 kg	Max. workpiece weight

Additional information

	1	Yokes included, quantity
	80x80	Yokes included, cross section (mm ²)