



HEATER400-BASIC-500V [↗](#)

Induction heating device

HEATER basic

Technical information



Your current product variant

Series	BASIC	Base version
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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
	Digital	Display
	1	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
+	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)