



HEATER600-SMART-450V [↗](#)

Induction heating device

HEATER smart

Technical information



Your current product variant

| | | |
|--------|-------|------------------------|
| Series | SMART | Extended functionality |
|--------|-------|------------------------|

Technical data

| | | |
|-----------------------------|------------|--------------------------|
| U | 450 V | Operating voltage |
| f | 50 – 60 Hz | Power frequency |
| P | 18 kVA | Power consumption |
| I | 40 A | Current rating |
| $\vartheta_{h \text{ max}}$ | 240 °C | Max. heating temperature |
| | 0 – 99 min | Heating time |
| | Touch | Display |
| | 2 | Magnetic probe, quantity |
| $\approx m$ | 210 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

| | | |
|---|----------|---------------------------------------|
| | 1,344 mm | Length HEATER |
| | 560 mm | Width HEATER |
| | 990 mm | Height HEATER |
| B | 400 mm | Space between poles |
| C | 315 mm | Pole length |
| D | 90x110 | Pole cross section (mm ²) |



Workpiece to be heated

| | | |
|---------|----------|---|
| | 130 mm | Min. inner diameter workpiece, vertical heating: with included yoke |
| | 60 mm | Min. inner diameter workpiece, vertical heating: with optional yoke |
| | 150 mm | Min. inner diameter workpiece, horizontal heating |
| ØA max | 1.050 mm | Max. outer diameter workpiece |
| | 395 mm | Max. workpiece width, vertical heating |
| | 310 mm | Max. workpiece width, horizontal heating |
| m b max | 600 kg | Max. workpiece weight |

Additional information

| | | |
|--|-------|--|
| | 1 | Yokes included, quantity |
| | 90x90 | Yokes included, cross section (mm ²) |