

TECHNICAL DATASHEET

TIMKEN INDUCTION HEATERS

VHIS 400

- High Output, energy efficient TURBO model
- Extra powerful, mobile heater with swing arm.
- Heating capacity 550 kg, (Max Bearing Weight)
- Available voltages 400V and 500V



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FEATURES & BENEFITS

- Powerful Turbo design.
- Safe - heater automatically selects the most effective power setting to ensure optimal and balanced heating.
- Microprocessor controlled.
- Temperature & Time control.

APPLICATIONS

- Bearings, gears, rings, couplings
- Maintenance workshops.

PART NUMBERS:

HEATERS:

VHIS4001 VHIS400 400V EU Plug
 VHIS4003US VHIS400 500V US Plug

ACCESSORIES:

VHIS400015 VHIS400 YOKE 40x40x600 mm
 VHIS400017 VHIS400 YOKE 60x60x600 mm
 VHIS400019 VHIS400 YOKE 80x80x600 mm



Feature	Metric	Imperial
	General	
Power Rating, 400V	12 kVA	
Voltage/Current	400V/ 30A	
Different Voltage Option	500V/24A	
Frequency	50/60 Hz	
Swing Arm	Yes	
Plug	Yes	
Work Piece		
Max. Weight of Bearings	550 kg	1212.5 lbs.
Max. Weight Other Parts	450 kg	99.1 lbs.
Min. Bore Diameter – Horizontal/Vertical	60/175 mm	2.4/6.9"
Max OD Vertical / Horizontal	920 mm	36.2"
Max. Work Piece Width	350 mm	13.8"
Pole Dimensions		
Area between the poles Width x Height	365x305 mm	14.4x12.0"
Pole Section	175 mm	6.9"
Pole Height	305 mm	12.0"
Controls		
Temperature Control Max.Temp	240° C	464° F
Time Control Max.Time	0 – 99 Min.	
Auto Power Reduction	Automatically	
Options		
Yokes, Standard set	80 mm	3.2"
Yokes, Optional	40, 60 mm	1.6, 2.4"
Support for Horizontal Heating	Yes	
Mobile	Yes	
Temperature Control	n/a	n/a
Dimensions		
Dimensions	1200x640x1000 mm	47.2x25.2x39.4"
1350x850x1180	1350x850x1180 mm	53.2x33.5x46.5"
Mass Heater Body (including yokes)	205 kg	452.0 lbs.
Miscellaneous		
Sound Signal	Yes	
Temperature Hold	Yes	
Demagnetizing, <2 A/cm	Yes	
Thermal Safety Guard	Yes	
Magnetic Temperature Probe	Yes	
Digital Display		
Temperature	Yes	
Time	Yes	
Error Report	Yes	