

TECHNICAL DATASHEET

TIMKEN INDUCTION HEATERS

VHIS 200

- Heavy-duty heater with swing arm.
- Heating capacity 250 kg (Max Bearing weight)
- Available in 400V and 500V



Mobile heavy-duty heater with swing arm.

FEATURES & BENEFITS

- 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:

VHIS2002	VHIS200 400V EU Plug
VHIS2004	VHIS200 500V EU Plug
VHIS2007US	VHIS200 500V US Plug

ACCESSORIES:

VHIS200013	VHIS150/200 Yoke 20x20x500
VHIS200014	VHIS150/200 Yoke 30x30x500
VHIS200015	VHIS150/200 Yoke 40x40x500
VHIS200017	VHIS150/200 Yoke 60x60x500
VHIS200019	VHIS150/200 Yoke 80x80x500



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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	250 kg	551.2 lbs.
Max. Weight Other Parts	150 kg	330.7 lbs.
Min. Bore Diameter – Horizontal/Vertical	30/130mm	1.2"
Max OD Vertical / Horizontal	720 mm	28.3"
Max. Work Piece Width	340 mm	13.4"
Pole Dimensions		
Area between the poles Width x Height	265x310 mm	10.4 x 12.2"
Pole Section	80 mm	3.2"
Pole Height	290 mm	11.4"
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	20, 30, 40, 60 mm	0.8, 1.2, 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"
Package Size	1350x850x1180mm	53.2x33.5x46.5"
Mass Heater Body (including yokes)	125 kg	275.6 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	