

TECHNICAL DATASHEET

TIMKEN INDUCTION HEATER

Large capacity bench-top model with swing arm.

VHIS 150



Large capacity bench-top model with swing arm.

FEATURES & BENEFITS

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

APPLICATIONS

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

PART NUMBERS:

Heaters:

- VHIS150EU VHIS150 400V EU Plug
 VHIS150EU VHIS150 500V EU Plug
 VHIS150US VHIS150 500V US Plug

Accessories:

- VHIS15013 VHIS150 Mobile Trolley
 VHIS200013 VHIS150/200 Yoke 20X20X500
 VHIS200014 VHIS150/200 Yoke 30X30X500
 VHIS200015 VHIS150/200 Yoke 40X40X500
 VHIS200017 VHIS150/200 Yoke 60X60X500
 VHIS2000139 VHIS150/200 Yoke 80X80X500



Feature	Metric	Imperial
General		
Power Rating 400V	8 kVA	
Voltage/Current	400V/20A	
Different Voltage Option	500V/16A	
Frequency	50/60 Hz	
Swing Arm	Yes	
Plug	Yes	
Work Piece		
Max. Weight of Bearings	350 kg	771.6 lbs.
Max. Weight Other Parts	250 kg	551.1 lbs.
Min. Bore Diameter - Horizontal/Vertical	30/160mm	1.2/6.3 in.
Max OD Vertical / Horizontal	790mm	31.1 in.
Max. Work Piece Width	315mm	12.4 in.
Pole Dimensions		
Area between the poles Width x Height	315 x 280mm	12.4 x 11.2 in.
Pole Section	160mm	6.3 in.
Pole Height	280mm	11.2 in.
Controls		
Temperature Control Max.Temp	240° C	464° F
Time Control Max.Time	0 – 60 Min.	
Auto Power Reduction	Automatically	
Options		
Yokes, Standard set	80mm	3.15 in.
Yokes, Optional	20, 30, 40, 60mm	0.79, 1.18, 1.57, 2.4 in.
Support for Horizontal Heating	Yes	
Mobile	Yes, with trolley option	
Temperature Control	n/a	n/a
Dimensions		
Dimensions	1200 x 640 x 1000mm	47.2 x 25.2 x 39.4 in.
Package Size	1350 x 860 x 1180mm	53.1 x 33.5 x 46.5 in.
Mass Heater Body (including yokes)	105 kg	116.8 lbs.
Miscellaneous		
Sound Signal	Yes	
Temperature Hold Yes	Yes	
Demagnetizing <2 A/cm	Yes	
Thermal Safety Guard	Yes	
Magnetic Temperature Probe	Yes	
Digital Display		
Temperature	Yes	
Time	Yes	
Error Report	Yes	