

TECHNICAL DATASHEET

TIMKEN® INDUCTION HEATER

VHIS-G2/G3-200

- Heating capacity 400 kg (workpiece weight)
- Available in 400V and 500V



Mobile heavy-duty heater with unique swing arm.

FEATURES & BENEFITS

G2 MODELS

- Single temperature measurement
- Digital display
- 3 yokes included

G3 MODELS *(in addition to G2 model features)*

- Easy-to-use touchscreen
- Log function to store or export data
- Ability to create a proof-of-work report for customers
- Heating capabilities according to a preset temperature/time curve
- Delta-T selectable double temperature probe

APPLICATIONS

- Bearings, gears, rings, couplings
- Maintenance workshops

PART NUMBERS:

Heater VHIS-G2-200-400VEU	Yoke VHIY-20X20X500
Heater VHIS-G2-200-500VEU	Yoke VHIY-30X30X500
Heater VHIS-G2-200-500VUS	Yoke VHIY-40X40X500
Heater VHIS-G3-200-400VEU	Yoke VHIY-60X60X500
Heater VHIS-G3-200-500VEU	Yoke VHIY-80X80X500
Heater VHIS-G3-200-500VUS	

Induction heating is a superior, fast and controlled heating method. It is a safer and more environmentally friendly alternative to traditional heating methods such as ovens or oil baths. These methods cause fumes or oil waste and are not recommended for personal health and safety.

Do not heat with blow torches.



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General		
Power rating 230V / 240V	12 kVA	
Power rating 120V	—	
Voltage/Amp	400V/30A, 500V/24A	
Frequency	50/60	
Workpiece min./max sizes		
	Metric	Imperial
Max. weight of the workpiece	400 kg	881.8 lbs.
Min. bore diameter	30/135 mm	1.18"/5.31"
Max. OD	850 mm	33.5"
Max. workpiece width	320 mm	12.6"
Swing arm	Yes	
Pole Dimensions		
	Metric	Imperial
Pole dimensions	80x100 mm	3.15x3.94"
Pole height	305 mm	12"
Controls		
	Metric	Imperial
Max. temp	240 °C	464 °F
Max. time range	0-99 min.	
Auto power reduction	Yes	
Options		
	Metric	Imperial
Yokes (standard set)	80 mm	3.15"
Yokes (optional)	20, 30, 40, 60 mm	0.79, 1.18, 1.57, 2.36"
Support for horizontal heating	Yes	
Mobile	No	
Temperature control	Yes	
Dimensions		
	Metric	Imperial
Dimensions	1214x560x990 mm	47.8x22x39"
Package size	1200x800x1180 mm	47.2x31.5x46.5"
Heater weight (including yokes)	150 kg	330.7 lbs.
Miscellaneous		
Sound signal	Yes	
Temperature hold	Yes	
Demagnetizing <2A/cm	Yes	
Thermal safety guide	Yes	
Magnetic temperature probe – G2/G3	1/2	
Temperature probe supplied	Yes	
Digital Display		
Temperature	Yes	
Time	Yes	
Error message	Yes	