

TECHNICAL DATASHEET

TIMKEN® INDUCTION HEATER

VHIN-G2/G3-800

- Heating capacity up to 1600 kg (workpiece weight)
- Heavy-duty model



Powerful heater for exceptionally heavy components up to 1600 kg.

FEATURES & BENEFITS

G2 MODELS

- Single temperature measurement
- Digital display
- 1 yoke 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	VHIN-G2-800-400VEU	Yoke	VHIY-60X60X1140
Heater	VHIN-G2-800-500VUS	Yoke	VHIY-80X80X1140
Heater	VHIN-G3-800-400VEU	Yoke	VHIY-100X100X1140
Heater	VHIN-G3-800-500VUS	Yoke	VHIY-150X150X1140

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.



General		
Power rating 230V / 240V	40 kVA	
Power rating 120V	—	
Voltage/Amp	400V/100A, 500V/80A	
Frequency	50/60	
Workpiece min./max sizes		
	Metric	Imperial
Max. weight of the workpiece	1600 kg	3527.4 lbs
Min. bore diameter	330/90mm	12.9"/3.5"
Max. OD	1700 mm	66.9"
Max. workpiece width	710 mm	27.9"
Swing arm	No	
Pole Dimensions		
	Metric	Imperial
Pole dimensions	230 x 230 mm	9.1 x 9.1"
Pole height	780 mm	30.7"
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)	150 mm	5.9"
Yokes (optional)	60, 80, 100 mm	2.4, 3.2, 3.9"
Support for horizontal heating	Yes	
Mobile	No	
Temperature control	Yes	
Dimensions		
	Metric	Imperial
Dimensions	1520x750x1415 mm	59.8x29.5x55.7"
Package size	1720x950x1650 mm	67.7x37.4x64.9"
Heater weight (including yokes)	720 kg	1587.3 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	