

PRODUCT OVERVIEW

Induction Heaters and Tools



simatherm[®]
smart mounting

simatool[®]
smart tools



Induction Heaters

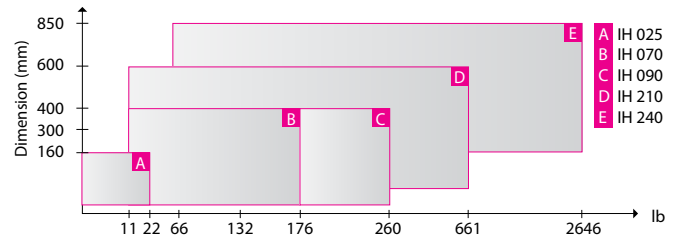
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simatherm – The perfect solution for the clean and efficient installation of bearings

With simatherm induction heaters, bearings and other circular metal parts can be efficiently heated.

Inductive heating is a fast and clean way to install circular parts onto shafts. It replaces conventional heating methods such as cooking plates, hot oil baths, open flames and ovens. During the heating process, only the workpiece heats up while the heater remains cool. simatherm induction heaters are available for workpieces weighing up to 1200 kg (2646 lb).

When choosing the simatherm heater to suit your needs, everything essentially depends on the dimensions and weight of the workpieces.



The lightweight portable device with excellent performance

Induction Heater IH 025 Volcano

The portable induction heater for heating small workpieces

- For workpieces weighing up to 10 kg (22 lb)
- For workpieces with a minimum inner diameter of 20 mm up to a maximum outer diameter of 160 mm
- Also included: 1 temperature probe, 1 pair of protective gloves, 1 carrying case
- Available for voltages of 110-120 V and 240 V
- PTC (predictive temperature control) for automatic temperature monitoring



The popular all-round heater for flexible use

Induction Heater IH 070

For heating small and medium-sized workpieces

- For workpieces weighing up to 80 kg (176 lb)
- For workpieces with inner diameter of 20 to 400 mm
- Also included: 3 yokes, 1 temperature probe, 1 pair of protective gloves
- Available for voltages of 110–120 V and 240 V
- Swivel arm available as an option



The compact heater for serial production

Induction Heater IH 090

Induction heater with fan cooling for small to medium-sized workpieces

- For workpieces weighing up to 120 kg (260 lb)
- For workpieces with inner diameter of 20 to 400 mm
- Also included: 3 yokes, 1 swivel arm, 1 temperature probe, 1 pair of protective gloves
- Available for voltages of 440–480 V and 575 V
- Fan cooling for continuous operation



The most powerful table-top heater

Induction Heater IH 210

Suitable for heating large workpieces

- For workpieces weighing up to 300 kg (660 lb)
- For workpieces with inner diameter of 60 to 640 mm
- Also included: 2 yokes, 1 temperature probe, 1 pair of protective gloves
- Available for voltages of 440–480 V and 575 V
- Extremely simple operation thanks to the sliding yoke



Maximum performance for all challenging work

Induction Heater IH 240

Fast and safe heating of very large workpieces

- For bearings weighing up to 1200 kg (2646 lb)
- For workpieces with inner diameter of 142 to 850 mm
- Also included: 1 yoke, 1 temperature probe, 1 pair of protective gloves
- Available for voltages of 440–480 V and 575 V
- Extremely simple operation thanks to the sliding yoke
- Support legs can be adjusted according to the size of the workpiece



Electrical heating plate with temperature control

Hot Plate HPS (small) and HPL (large)

Specially designed for heating multiple small components

- HPS for workpieces weighing up to 5 kg (11 lb); HPL for workpieces weighing up to 10 kg (22 lb)
- Plate surface (W x D) for HPS: 380 x 180 mm; for HPL: 380 x 380 mm
- Also included: 1 pair of protective gloves
- Available for voltages of 110–120 V and 240 V
- Control range from 50 to 200°C (122 to 392°F)



You can find the demonstration video for the IH 025 Volcano and other information on the simatherm induction heaters at www.simatec-usa.com

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simatec – Innovative solutions that deliver outstanding customer benefits

simatec is a Swiss family-owned company that operates internationally. Since 1983, our motivated employees have been developing and creating innovative products for maintaining roller bearings under the brand names simalube, simatherm and simatool.

We at simatec focus on delivering direct customer benefits: Novel technologies allow us to simplify complex operations and reduce the level of maintenance required on thousands of machines the world over.

Selected distribution partners sell simatec's maintenance products worldwide, as well as offer professional services and knowledgeable advice.

Maintenance Products from simatec – Industrial Technology



Lubricators

The simalube lubricator provides automatic lubrication over a period of one month to a year and can be adjusted in an infinitely variable manner. simalube supplies every lubricating point with the ideal amount of lubricant – be it oil or grease – so that subsequent manual lubrication is no longer needed and maintenance costs are reduced in the long term.



Induction Heaters

simatherm induction heaters heat circular metal parts, such as roller bearings, in a very short amount of time, so they can be installed quickly and efficiently. The inductive heating of metallic workpieces makes sense from both an economical and ecological perspective. simatec is the world's leading manufacturer of these types of heaters.



Tools

The simatool toolkits enable the fast installation and removal of roller bearings and seals. They are used all over the world in machine and maintenance workshops within all industries.

