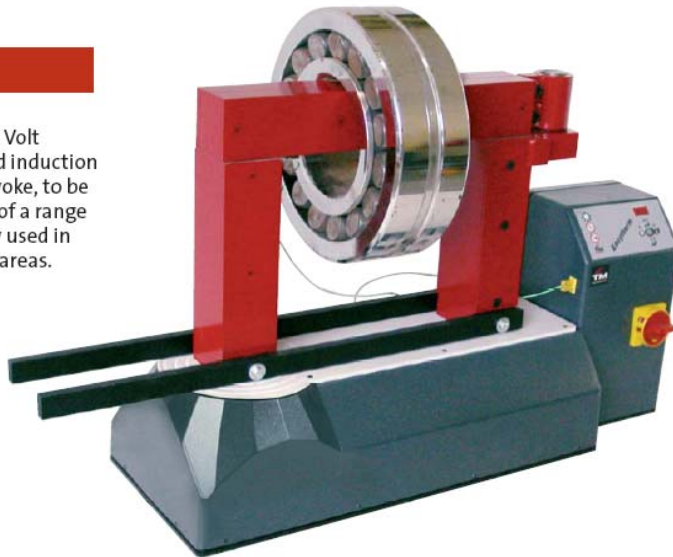


## Easy therm 30

The Easy therm 30 is a powerful 400 Volt stationary microprocessor controlled induction heater with an ergonomic pivoting yoke, to be used for the professional mounting of a range of parts including bearings, typically used in maintenance shops and production areas.



Technical information	
Voltage	380-480V
Frequency	50 or 60Hz
Power	12.8kVA
Heater mass	60kg
Dimensions	880x320x570mm
Temp. mode	Max. 240/400°C
Width U-core	330mm
Height U-core	295mm



Dimensions:						
Size induction yokes mm	Standard min. bore part (A)	Standard max. outer diameter part (B)	Standard max. width part (C)	Max. weight part	Max. outside diameter with extension yoke 80x80x150mm	Max. width with extension yoke 80x80x150mm
20x20x490	30mm	620mm	330mm	15kg	910mm	330mm
30x30x490	45mm	630mm	330mm	20kg	920mm	330mm
40x40x490	55mm	640mm	330mm	25kg	930mm	330mm
50x50x490	70mm	650mm	330mm	35kg	940mm	330mm
60x60x490	85mm	660mm	330mm	60kg	950mm	330mm
70x70x490	100mm	670mm	330mm	80kg	960mm	330mm
80x80x490	115mm	740mm	330mm	300kg	960mm	330mm

## Easy therm 30 with trolley

With the trolley the Easy therm 30 can easily be assembled into a movable model. The large castors make it easily movable and allow the unit to be used where needed.

Technical information	
Voltage	380-480V
Frequency	50 or 60Hz
Power	12.8kVA
Heater mass	85kg
Dimensions	1060x500x1090mm
Temp. mode	Max. 240/400°C
Width U-core	330mm
Height U-core	295mm



# The Pioneers in the use of induction applications

## Advantages of TM Easy therm induction heaters:

- Fast controllable heating process.
- Safe heating process; only the work piece is heated.
- Elimination of hot oil bath, no risk of localized overheating.
- Suitable for sealed and shielded bearings.
- Suitable for pre-greased bearings.
- Suitable for bearings with polyamide cages.

## Technical advantages of TM Easy therm induction heaters:

- Manufactured according to the **CE** Regulations.
- Fast heating process through high output; **Cos phi > 0,8**.
- **"TURBO-BOOST"**: In the horizontal position the parts will heat up twice as fast.
- The heating coil is placed horizontal under the part;
  - By this it is impossible to damage the coil
  - This ensures an equal temperature all over the part (inner- and outer ring).
  - This makes it able to heat up parts with smaller bores.
- All heaters are **continuously useable** without any optional cooling system.
- Constantly monitoring heating process by probe and microprocessor.
- Temperature control accuracy +/- 2°C.
- Timer accuracy 0,01 sec.
- Maintenance free.
- **Three years** warranty.
- Easy to use; user friendly design.
- Ergonomic design (**pivoting yoke principle**).
- **Automatic power regulation**, no manual pre-setting necessary.
- Less than 2A/cm residual magnetism.

The pivoting yoke has the great advantage that only the work piece is handled, because the arm does not have to be lifted manually. This avoids unnecessary handling and reduces the risk of dirt intruding into the bearing or work piece.

Measurements heaters and parts:

