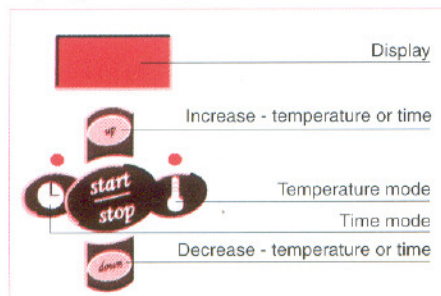


TM induction heating has manufactured induction heaters for more than 25 years, under the brand name "TM induction heating". Our Induction heaters are used for heating up bearings, bushings, gears, pulleys and couplings. Through constant innovation and our extensive experience we are able to offer a technical and reliable product.

The Pioneers in the use of induction applications

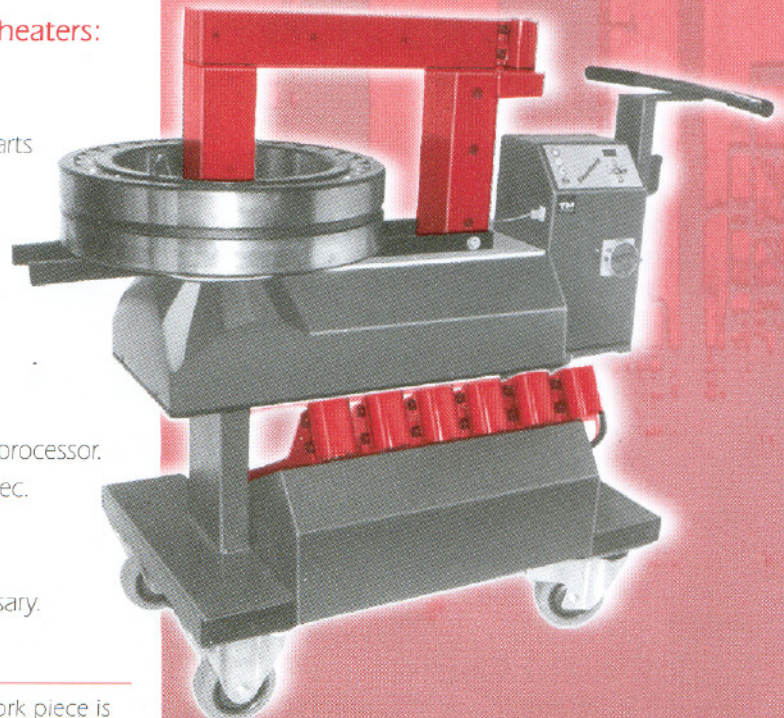
Advantages of TM Easy therm induction heaters :

- 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, shielded bearings, pre-greased bearings and bearings with polyamide cages.



Technical advantages of TM Easy therm induction heaters:

- Manufactured according to the CE Regulations.
- Fast heating process due to high output; $\cos \phi > 0,8$.
- "TURBO-BOOST": in the horizontal position ensures that parts will heat up twice as fast.
- The heating coil is placed horizontally 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 can be used continuously without the need for a cooling system.
- Constantly monitored heating process by probe and microprocessor.
- Temperature control accuracy $\pm 2^{\circ}\text{C}$. Timer accuracy 0.01 sec.
- Maintenance free.
- Easy to use. 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 advantages that only the work piece is handled, because the arm does not have to be lifted manually. This avoids unnecessary handling and makes the operation convenient.

Technical Specification

	Easytherm 1	Easytherm 2	Easytherm 3.5	Easytherm 15	Easytherm 30	Easytherm 60
Voltage	110-230 V	110-230 V	110-230 V	380-480 V	380-480 V	380-480 V
Power	2.2 kVA	3.6 kVA	3.6 kVA	12.8 kVA	12.8 / 25kVA	25 kVA
Heater Mass	7 kg	17 kg	31 kg	51 kg	60 kg	350 kg
Width (D) & Height(E) U-core	65 & 95 mm	120 & 100 mm	180 & 160 mm	210 & 215 mm	330 & 295 mm	440 & 390 mm

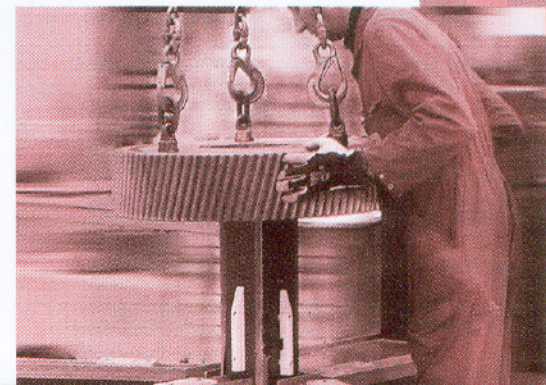
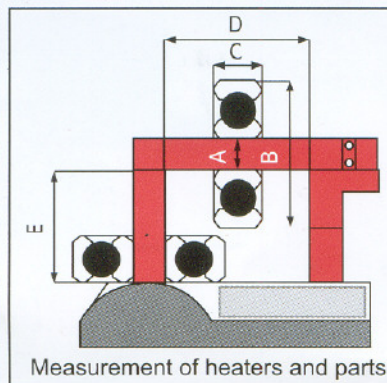
		Min. Bore Dia. (A)	Max. Outer Dia. (B)	Max. Width (C)	Max. Weight
Easytherm 1	14×14×25 □	20 mm	150 mm	25 mm	10 kg
	30×30×30 □	45 mm	150 mm	55 mm	10 kg
	40×40×30 □	65 mm	150 mm	95 mm	10 kg
Easytherm 2	10×10×200	15 mm	210 mm	120 mm	5 kg
	14×14×200 □	20 mm	215 mm	120 mm	15 kg
	25×25×200 □	35 mm	225 mm	120 mm	25 kg
Easytherm 3.5*	40×40×200 □	60 mm	290 mm	120 mm	40 kg
	10×10×280	15 mm	330 mm	180 mm	5 kg
	14×14×280	20 mm	345 mm	180 mm	15 kg
	25×25×280	35 mm	355 mm	180 mm	25 kg
	40×40×280	60 mm	360 mm	180 mm	40 kg
Easytherm 15	50×50×280	70 mm	410 mm	180 mm	35 / 70 kg
	20×20×350	30 mm	460 mm	210 mm	15 kg
	30×30×350	45 mm	475 mm	210 mm	20 kg
	40×40×350	55 mm	485 mm	210 mm	25 kg
	50×50×350	70 mm	500 mm	210 mm	35 kg
	60×60×350	85 mm	515 mm	210 mm	60 kg
Easytherm 30	70×70×350	100 mm	515 mm	210 mm	150 kg
	20×20×490	30 mm	620 mm	330 mm	15 kg
	30×30×490	45 mm	630 mm	330 mm	20 kg
	40×40×490	55 mm	640 mm	330 mm	25 kg
	50×50×490	70 mm	650 mm	330 mm	35 kg
	60×60×490	85 mm	660 mm	330 mm	60 kg
	70×70×490	100 mm	670 mm	330 mm	80 kg
80×80×490	115 mm	740 mm	330 mm	300 kg	

□ Standard yokes supplied with the induction heaters.

* Also available in Non-pivoting model.

- Max. outer diameter & width can be increased with the use of extension yokes.
- Bigger Models are also available. Can be supplied according to your requirements.

The specification and other information in this catalogue are subject to change without prior notice.



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