



LUDECA

Keep it running.

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SURETHERM^{PRO} 3X



The new heating method, easy set on a modern touch screen, is specially developed for the heating of gears and bearings. The user can set the temperature and time (ramp), or place two sensors. The major advantage this provides is the temperature differential between the internal and external component materials remains low thus reducing the potential for material stress accumulation and subsequent potential distortional damage.

Electricity

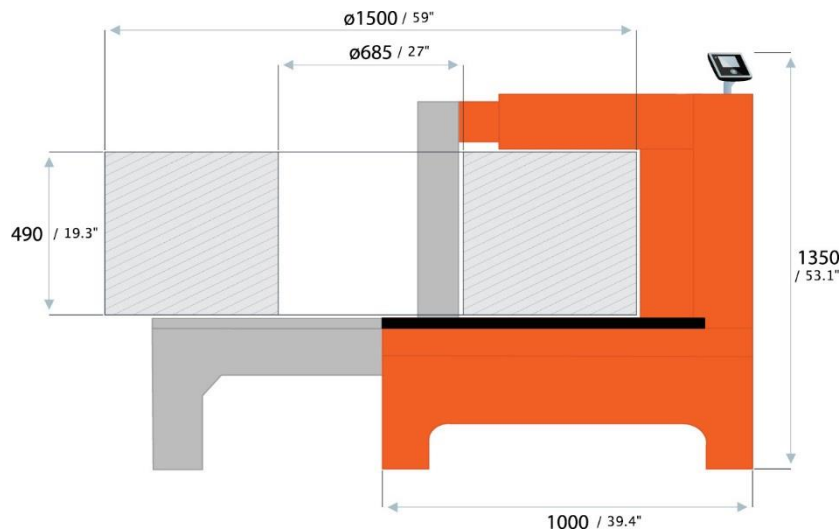
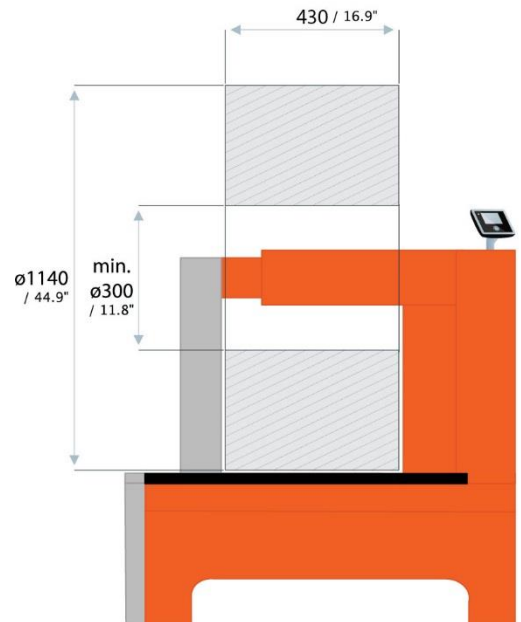
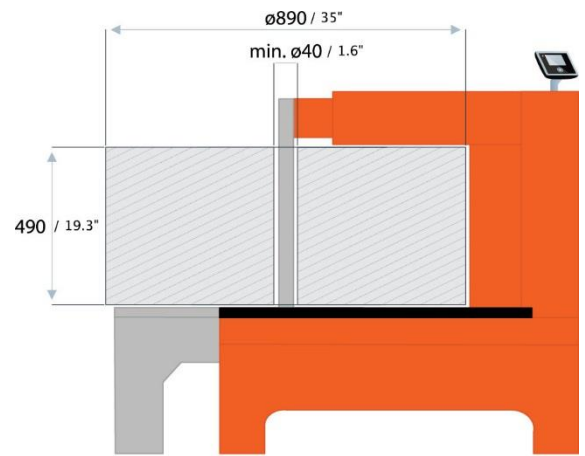
Power rating 25.2 kVA
Voltage 400 - 480 - 575 V
Current max. 63 A
Frequency 50 - 60 Hz

Workpiece max. weight





Bearings and other parts 800 kg / 1764 lbs

Workpiece Dimensions

Min. bore 40 mm / 1.6"
Max. Outer diameter 1500 mm / 59"
Max. Work piece width 490 mm / 19.3"



Controls (for tension free heating)

	Temperature (1 sensor)	0-240°C / 32-464°F (Custom: 0-400°C)
	Temperature (2 sensor)	0-240°C ΔT 20-50°C
	Time	0-99 min
	Time / Temperature Ramp	5-99 min / 5-240°C 0-99 hour / 5-240°C



Available Yokes (optional)

Dimensions (mm)	30x26x750 mm	1.20x1.00x29.55"
	40x38x750 mm	1.60x1.50x29.55"
	50x48x750 mm	2.00x1.90x29.55"
	60x60x750 mm	2.40x2.40x29.55"
	70x70x750 mm	2.80x2.80x29.55"
	80x80x750 mm	3.15x3.15x29.55"
	90x90x750 mm	3.55x3.55x29.55"
	100x100x750 mm	3.95x3.95x29.55"

Touch screen

Heating Temperature (1sensor)	Set- and actual temperature, time and power
Heating Temperature (2sensor)	Set- and actual temperature, time and power. Actual temperature difference between inside and outside diameter
Heating time	Set- and actual time
Heating Time / temp ramp	Set- and actual temperature, time and power
Languages	English, German, Spanish, French
Error report	Shown in display

Others



Heating graph	Shown in display
External interface	USB 2.0 Port
Sound signal	Buzzer
Temperature hold	Yes
Demagnetizing	< 2A/cm
Magnetic probe	One piece
Thermal safety guard coil	Yes
Warranty	36 Months (24+12)