



CLEAN, TARGETED HEAT.

Compact mid-frequency generators that free fixed parts and components in seconds, with a flexible inductor or a custom-built coil. Exactly where you need the heat. No flames, no mess, no damage to the assembly around the part.



EXTRATHERM SERIES

The heat is generated inside the workpiece itself, so the process is fast, controlled and repeatable, with minimal heat transfer to the shaft. The EXTRATHERM 10 & 20 offer dual sensor technology, heating profiles (with up to 8 programmable segments), industry 4.0 connectivity and the option to connect multiple generators in a **Leader-Follower mode**.

Choose a flexible inductor for varying and complex geometries, or a fixed coil engineered around one specific part.

THE RANGE.

	EXTRATHERM 01	EXTRATHERM 03	EXTRATHERM 10	EXTRATHERM 20
POWER				
Power output	1 – 2 kW	2 – 4 kW	22 – 24 kW	27 – 32.6 kW
Inductor cooling	Air-cooled (A) or water-cooled (W)	Air-cooled (A) or water-cooled (W)	Air-cooled (A) or water-cooled (W)	Air-cooled (A) or water-cooled (W)
ELECTRICAL				
Voltage	110 – 230 V	110 – 230 V	380 – 480 V	380 – 480 V
Current max.	10 A	16 A	32 A	40 A
Frequency	50 – 60 Hz	50 – 60 Hz	50 – 60 Hz	50 – 60 Hz
CONTROLS & FEATURES				
Max. workpiece temp.	—	—	300 °C / 572 °F (A) 500 °C / 932 °F (W)	300 °C / 572 °F (A) 500 °C / 932 °F (W)
Power control	—	—	10 – 100%	10 – 100%
Temperature control	—	—	Dual sensor	Dual sensor
Heating profiles	—	—	Multi-segment	Multi-segment
Connectivity	—	—	Modbus / Profinet	Modbus / Profinet
Weight	19 kg / 42 lbs	36 kg / 79 lbs	39 kg / 86 lbs	39 kg / 86 lbs

Every generator comes in an air-cooled (A) and a water-cooled (W) version, for example EXTRATHERM 10A and 10W. All models: 12 to 24 months warranty, flexible inductors (15 / 25 / 35 m, or 49 / 82 / 115 ft) or custom fixed coils. The 10 and 20 series measure 440 × 350 × 712 mm (17.3 × 13.8 × 28.0 in) and have an industrial touchscreen with USB data export. The 01 and 03 series are supplied as a custom-configured solution.

TYPICAL APPLICATIONS.

- Freeing seized and fixed parts
- Dismounting bearings, gears and couplings
- Heating labyrinth rings and NU / NUP ring sets
- Shrink-fitting in an assembly line
- Maintenance on site, without an open flame
- Custom coils for non-standard geometries

Tell us about your workpiece and your process, and we will advise on the right generator and the right coil for the job.

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