

EXTRATHERM SERIES

EXTRATHERM generators deliver targeted induction heating for production lines and mobile applications. Each unit is purpose-built for its application, from compact line-integrated generators to powerful portable units for mounting and dismounting large components. The EXTRATHERM generators can be delivered with flexible and/or custom (fixed) coils.

The range includes models with advanced control features such as dual-sensor heating, multi-segment temperature profiles, and external communication for PLC integration. All models feature touchscreen operation with USB data export for traceability and are available in either air-cooled or water-cooled versions.



MODELS

WORKPIECE CAPABILITY

SPECIAL FEATURES

EXTRATHERM 01 A/W

Output: up to 2 kW
110 / 230V
19 kg

Compact entry-level mid-frequency generator for production-line integration; time/temperature ramp profiles; touchscreen with USB export; works with flexible and fixed inductors.

EXTRATHERM 03 A/W

Output: up to 4 kW
110 / 230 V
36 kg

Powerful mid-frequency generator for production-line integration; higher heating capacity than entry-level model; touchscreen with USB export; works with flexible and fixed inductors.

EXTRATHERM 10 A/W

Output: up to 24kW
380/400/440/460 or 480 V
39 kg

Flexible and reliable mid-frequency generator widely used in various heavy-industry businesses for both assembly and disassembly jobs; dual-sensor operation; multi-segment temperature profiles; touchscreen with USB export; flexible and fixed inductors.

EXTRATHERM 20 A/W

Output: up to 32.6 kW
380/400/440/460 or 480 V
39 kg

Powerful mid-frequency generator for mounting and dismounting of large components; dual-sensor operation; multi-segment temperature profiles; multi-unit synchronization; touchscreen with USB export; flexible and fixed inductors.

EXTRATHERM 01 A/W		EXTRATHERM 03 A/W		EXTRATHERM 10 A/W		EXTRATHERM 20 A/W		
CAPACITY								
Max. workpiece weight	Depends on inductor		Depends on inductor		Depends on inductor		Depends on inductor	
ELECTRICAL (GENERATOR)	*Different voltage or current on request							
Power rating	2.3 kVA		3,7 kVA		12.8 / 14.4 kVA		16 / 19.2 kVA	
Voltage	110 / 230 V		110 / 230 V		380 / 400 / 440 / 460 or 480 V		380 / 400 / 440 / 460 or 480 V	
Current max.	10 A		15 / 16 A		32 A		40 A	
Frequency	50 / 60 Hz		50 / 60 Hz		50 / 60 Hz		50 / 60 Hz	
Air-cooled	Yes		Yes		Yes		Yes	
Water-cooled	Optional		Optional		Optional		Yes	
Generator weight	19 kg		36 kg		39 kg		39 kg	
OUTPUT GENERATOR								
Active power	1 / 2 kW		2 / 4 kW		22 / 24 kW		27 / 32.6 kW	
Output frequency	10–25 kHz		10–25 kHz		10–25 kHz		10–25 kHz	
Tuning	Manual		Manual		Automatic		Automatic	
Generator dimensions	250 x 215 x 400 mm		385 x 270 x 500 mm		880 x 350 x 712 mm		880 x 350 x 712 mm	
CONTROLS								
Temperature (1 sensor)	0–240°C		0–240°C		0–240°C		0–240°C	
Temperature (2 sensors)	—		—		0–240°C, ΔT 20–50°C		0–240°C, ΔT 20–50°C	
Time control	0–99 min		0–99 min		0–99 min		0–99 min	
Time / Temp Ramp	5–99 min / 5–240°C		5–99 min / 5–240°C		5–99 min / 5–240°C		5–99 min / 5–240°C	
Temp-Time profile	—		—		Up to 8 segments		Up to 8 segments	
Heating graph	Yes		Yes		Yes		Yes	
Set power	10–100%		10–100%		10–100%		10–100%	
FEATURES								
Sound signal	Buzzer		Buzzer		Buzzer		Buzzer	
Temperature hold	Yes		Yes		Yes		Yes	
Demagnetizing	< 2A/cm		< 2A/cm		< 2A/cm		< 2A/cm	
Magnetic probe	1 piece		1 piece		1 piece		1 piece	
Thermal safety guard	Yes		Yes		Yes		Yes	
Touchscreen	Yes		Yes		Yes		Yes	
Multi-unit operation	—		—		Leader-follower		Leader-follower	
CONNECTIVITY								
Modbus RTU/TCP-IP	—		—		Optional		Optional	
Profinet	—		—		Optional		Optional	
DIMENSIONS & WEIGHT								
Generator dimensions	250 x 215 x 400 mm		385 x 270 x 500 mm		880 x 350 x 712 mm		880 x 350 x 712 mm	
Generator weight	19 kg		36 kg		39 kg		39 kg	
ACCESSORIES & OPTIONS								
Flexible inductor 15m	Optional		Optional		Optional		Optional	
Flexible inductor 25m	Optional		Optional		Optional		Optional	
Flexible inductor 35m	Optional		Optional		Optional		Optional	
Fixed inductor	On request		On request		On request		On request	