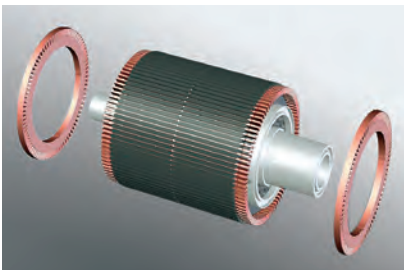




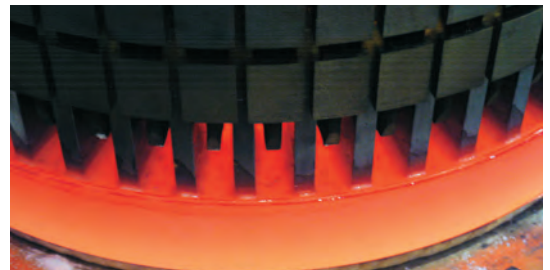
CUSTOM-Line MF 5x8
for induction brazing



Short-circuiting ring brazing inductor



eldec MFG 150 generator with brazing bench
and short-circuiting ring brazing inductor



Short-circuiting ring at 780 °C

eldec CUSTOM LINE MF generators

Everything is possible:

Bespoken energy sources with single or multiple outputs and a wide range of power and frequency combinations.

CUSTOM LINE series devices are available as MF units with a permanent power of 200 – 1,500 kW.

The CUSTOM LINE is available with a wide range of options and output versions. For example, each rating class is also available in 2A form

(two outputs, heating sequentially), x2 form (two outputs heat simultaneously and independently of each other) and :2 form (heat simultaneously and symmetrically).

With its compact design and wide range of control features (optional Profibus / Profinet interface), the CUSTOM LINE is ideal for integrating into complete systems.





eldec CUSTOM LINE MF generators

Bespoke energy sources with single or multiple outputs and a wide range of power and frequency combinations.

MF power: 200 – 1,500 kW

MF frequency ranges: 8 – 40 kHz

LF power: 50 – 500 kW

LF frequency ranges: 2 – 5 kHz

MFG control cabinet housing, power 200 – 1,500 kW

Type / Rated capacity	Power connection + 10% 50/60 Hz		Required cooling water without inductor l/min	Generator dimensions / weight		Coaxial/Output transformer dim. W x H x D mm
	V	A		W x H x D mm	kg	
MFG 200	3 x 400	400	70	1000 x 2100 x 600	310	160 x 400 of
MFG 250	3 x 400	500	75	1000 x 2100 x 600	320	2 x 120 x 380
MFG 300	3 x 400	630	80	1400 x 1980 x 600	450	370 x 400 x 500
MFG 400	3 x 400	800	100	1400 x 1980 x 600	550	370 x 400 x 500
MFG 500	3 x 400	1000	120	2000 x 2000 x 1200	700	370 x 400 x 500
MFG 600	3 x 400	1200	140	2000 x 2000 x 1200	750	370 x 400 x 500
MFG 700	3 x 400	1400	160	2000 x 2000 x 1200	800	370 x 400 x 500
MFG 800	3 x 400	1500	200	2000 x 2000 x 1200	820	370 x 400 x 500
MFG 1000	3 x 400	2000	250	2000 x 2000 x 1200	950	370 x 400 x 500
MFG 1500	3 x 400	3000	350	2000 x 2000 x 1200	1100	370 x 400 x 500

CUSTOM LINE options for MFG

- Mains voltage 200 V, 380 V, 400 V, 480 V, 560 V
- Hose package up to 15 m in length
- Profibus interface
- Serial-Parallel switch
- Frequency 16 – 40 kHz
- Frequency switchover 8 – 20/16 – 40 kHz
- Rapid change device (coax / cable box)
- Ground fault monitor
- Energy controller
- Temperature control with pyrometer
- Temperature recorder
- Cable box with heating cable for shrink applications
- Foot switch / Pedal
- Brazing gun
- Current and voltage display

Coolant systems (on request)

eldec generators are generally water-cooled as a result of their high power density. We can supply all our generators and systems with suitable passive or active coolant systems to order.



eldec
Member of the EMAG Group

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