The new Weldac 03

MAKE SPACE FOR MORE

Space constraints are a common challenge in tube mill layouts, particularly in retrofit projects and line upgrades. Weldac 03 addresses these constraints with a footprint up to 40% smaller than Weldac 04.

By freeing up valuable floor space, the new model simplifies integration in tight production lines and improves accessibility for service and maintenance. Installation is carried out with minimal disruption to ongoing production.

Weldac 03 is available from 50 to 150 kW.
It delivers the reliability and weld quality the Weldac family is known for across the tube and pipe industry.

With this Weldac, you get what you expect from an ENRX product: an extremely user-friendly system with high efficiency, excellent uptime and top-class quality.

If you are planning a line upgrade or evaluating installation alternatives, we would be pleased to discuss how Weldac 03 could fit into your existing layout.

ENRX®

Product features

40%
SMALLER

50-150
KW

99.4%
EFFICIENY

5-YEAR
WARRANTY

Ultra-compact footprint

- 40% smaller than Weldac 04
- The smallest welder in the Weldac family
- Single-cabinet design that fits easily into available space
- Enables fast installation and minimizes downtime

Wide power range – High performance

- Available from 50 to 150 kW
- Operates at 200 kHz, 300 kHz or 400 kHz
- Compact size without compromising power or performance

Exceptional energy efficiency

- New SiC inverter technology
- Inverter module efficiency above 99.4%
- Less energy loss enables compact design and stable operation

Confirmed reliability and unmatched warranty

- Designed for continuous industrial operation and high uptime
- 5-year warranty on Weldac inverter modules and driver cards
- ENRX Weldac family offers an unmatched warranty in the market

Technical data

	Weldac 03
Supply voltage range	3 x 480 V / 3 x 550 V
Mains supply frequency	50/60 Hz
Displacement factor (cos φ)	>0.95
Nominal output power (up to)	150 kW
Frequency range	100-500kHz
System efficiency	92%
Inverter module efficieny	99.4%
Cooling water ΔP (in/out), min	4,5 bar
Cooling water pressure, max	6 bar
Cooling water inlet temp., max	+35 °C
Ambient operating temperature	+5 °C - +50 °C
Enclosure protection category	IP 54
Dimension (LxWxH)	1200 x 475 x 970 mm
Colour	RAL 7021, Black Grey

Subject to modification