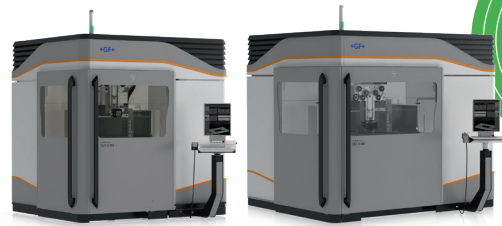


CUT X series

Energy Efficiency Certificate



Operating mode (24h cycle time)	CUT x000 S (2014)	CUT X series (2021)	Energy saving %	Thanks to GF
Standby (4h)	0.8 kW	0.7 kW	-12%	1,4
Ready (4h)	2.6 kW	2.4 kW*	-8%	1,3
Machining (16h)	3.1 kW	3.0 kW	-3%	1,2,3
Daily Energy Consumption	63.2 kWh	60.4 kWh	-4%	

Measurements made on CUT X 500 in accordance with measurement standards as defined in ISO 14955

1 // Electrical cabinet

Improvement of the cooling system by replacing the 400 VAC fan with a 24 VDC speed-controlled fan. Introduction of a high-efficiency Beckoff driver to improve the overall energy efficiency.

2 // EDM technology

Time reduction during the main cut thanks to improvements on the EDM technology, especially for complex machining.

3 // Hydraulic pumps

Using higher energy-efficient pumps reduces the energy consumption

4 // Econowatt

Smart module enabling energy-saving standby mode and programmable fast reactivation ("wake up" option). Energy is not wasted during non-productive time. Every morning the equipment is prepared and ready to carry out the requested tasks.

Equivalent to 1 year of CO₂e emissions from



63,017
smartphones charged



carbon sequestered by
8.6
tree seedlings grown for 10 years



2,069
kilometers driven by an average passenger car

Source:
www.epa.gov

