

CUT P Pro series

# Energy Efficiency Certificate



Operating mode (24h cycle time)	CUT X00 series (2015)	CUT P Pro series (2020)	Energy saving %	Thanks to GF
Standby (4h)	2.7 kW	0.3 kW	-89%	1
Ready (4h)	2.75 kW	2.75 kW	-	-
Machining (16h)	5.25 kW	3.85 kW	-27%	2,3,4,5
<b>Daily Energy Consumption</b>	<b>105.8 kWh</b>	<b>73.8 kWh</b>	<b>-30%</b>	

Measurements made on CUT 300 and CUT P 550 Pro in accordance with measurement standards as defined in ISO 14955

**1 // Econowatt**

Smart module enabling energy-saving standby mode and programmable fast reactivation ("wake up") option. No energy is wasted during non-productive time and each morning the equipment is prepared and ready to carry out the requested tasks.

**2 // IPG – Higher electrical efficiency**

The latest generation of GF Machining Solutions' Intelligent Power Generators (IPG) allows a digital and fast control of each spark, therefore improving the machine's electrical efficiency.

**3 // IPG – Reduced energy waste**

Thanks to its resonant switching mode, IPG contributes to reduce the energy waste.

**4 // IPG – Reduced component wear**

IPG reduces wear on components during the whole product's lifecycle.

**5 // Injection pumps – Higher energy efficiency**

The use of injection pumps instead of high-pressure pumps reduces the energy consumption.

Equivalent to, over 1 year greenhouse gas and CO<sub>2</sub> emissions from



**719,820**  
smartphones charged

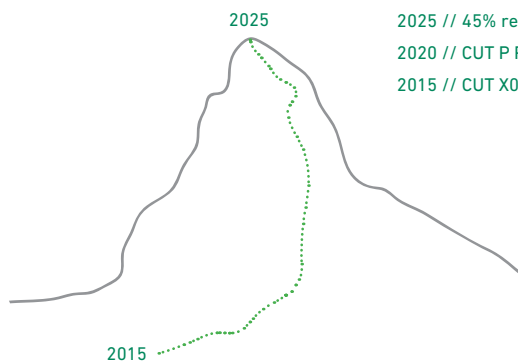


carbon sequestered by **97** tree seedlings grown for 10 years



**23,934**  
kilometers driven by an average passenger car

Source: [www.epa.gov](http://www.epa.gov)



2025 // 45% reduction of daily energy consumption  
2020 // CUT P Pro series: Daily energy consumption reduced by 30%  
2015 // CUT X00 series