

FORM P series

Energy Efficiency Certificate



Operating mode (24h cycle time)	FORM 300 Sp	FORM P 350	Energy saving %	Thanks to GF
Standby (4h)	0.7 kW	0.3 kW	-57%	1
Ready (4h)	0.7 kW	1.8 kW*	-	2
Machining (16h)	4.7 kW	2.34 kW	-50%	3,4,5
Daily Energy Consumption	80.8 kWh	45.8 kWh	-43%	

All measurements were made in accordance with measurement standards as defined in ISO 14955
 *Taking into account thermal stability

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 // Thermal stability

The use of pumps is needed for the regulation of the dielectrical temperature and the prevention of the deformation of the machine and electrode. Our new pumps enable producing parts with significant higher accuracy from the very start, without waiting for the machine to warm up.

3 // 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


4 // IPG – Reduced energy waste

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


5 // IPG – Reduced component wear

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


Equivalent to, over 1 year greenhouse gas and CO₂ emissions from



787,492
smartphones charged



carbon sequestered by
107
tree seedlings grown for 10 years



26,184
kilometers driven by an average passenger car

Source: www.epa.gov

