

ENERGY EFFICIENCY REPORT

OPERATING MODE (24H CYCLE TIME)	CUT x00 SERIES (2015)	CUT P PRO SERIES (2020)	ENERGY SAVING %	ACHIEVED BY
Standby (4h)	2.70 kW	0.3 kW	-89%	1,3
Ready (4h)	2.75 kW	2.75 kW	-	-
Machining (16h)	5.25 kW	3.85 kW	-27%	2,3,4,5
Daily energy consumption	105.8 kWh	73.8 kWh	-30%	

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

IMPROVEMENTS

Econowatt (1)

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.

IPG – Higher electrical efficiency (2)

The latest generation of AGIE CHARMILLES’ Intelligent Power Generators (IPG) allows a digital and fast control of each spark, therefore improving the machine’s electrical efficiency.

IPG – Reduced energy waste (3)

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

IPG – Reduced component wear (4)

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

Injection pumps – Higher energy efficiency (5)

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



CUT P Pro series: 2026

The energy saving per year is equivalent to greenhouse gas and CO₂e emissions from:

719,820
smartphones
charged

23,934
kilometers driven
by an average
passenger car

97
tree seedlings that
sequestered carbon
for 10 years

Source: www.epa.gov

