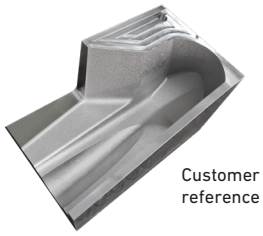
GF Machining Solutions

## LASER P and S series

# Energy Efficiency Certificate

| LASER P series (kWh/part) Laser power: 100 W | | LASER S series (kWh/part) Laser power: 100 W | | Energy saving % (per part) Laser power: 100 W/150 W | Thanks to GF |
|---|---|---|---|---|---|
| LASER P 1000 U | 23 | LASER S 1000 U | 16.8 | -27% | 1,2/3 |
| LASER P 1200 U | 39.1 | LASER S 1200 U | 25.3 | -35% | 1,2 |
| LASER P 4000 U | 114 | LASER S 2500 U | 38.1 | -67% / -71% | 1,2/3 |



Customer reference part

**1 // 3D Scanner**
The use of a 3D scanner instead of a 2D scanner allows to reduce the total axis movements.

**2 // SmartPatch and SmartScan**
These options improve performance and are themselves even more performant with a 3D scanner.

**3 // Laser source**
A more powerful laser source enhances the quality of engraving and improves the operation's speed.

**Over 1 year, the energy saving per part* is equivalent to greenhouse gas and $CO_2$ emissions from**

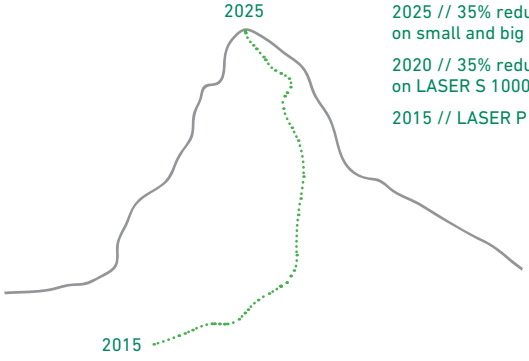
**6,974**
smartphones charged

carbon sequestrated by
**1**
tree seedlings grown for 10 years

**231.7**
kilometers driven by an average passenger car

Source:
www.epa.gov

* comparison between LASER P 4000 U (100 W) and LASER S 2500 U (150 W)




2025 // 35% reduction of energy consumption per part on small and big size LASER S series

2020 // 35% reduction of energy consumption per part on LASER S 1000/1200 series

2015 // LASER P series