

Liechti g-Mill 1000

Energy Efficiency Certificate

| Consumption (per part) | g-Mill 1350 (2015) | g-Mill 1000 (2020) | Energy saving % (per part) | Our innovations |
|------------------------|--------------------|--------------------|----------------------------|-----------------|
| Standby | 21.78 kWh | 19.05 kWh | -13% | 1,2 |
| Ready | 38.6 kWh | 34.36 kWh | -11% | 1,2 |
| Roughing | 544.68 kWh | 590.4 kWh | +8% | 1,2 |
| Finishing | 544.68 kWh | 421.71 kWh | -23% | 1,2 |
| Total | 1149.74 kWh | 1065.52 kWh | -7%* | |

* Weighted average on machining time

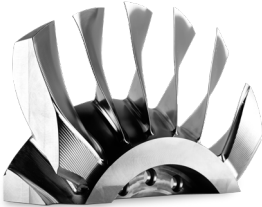
Our innovations

4 direct drives (1)

Fitting 4 direct drives on the A, B, CY and X axes instead of 2 direct axes brings a more dynamic behavior. The g-Mill 1000 produces parts faster, lowering the consumption per part.

Rotary linear drive kinematics (2)

This kinematics combines the C and Y axes in a rotary CY axis. The g-Mill 1000 moves faster with more energy, in a compact design with smoother movements around the part.



Reference part



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

7,260 smartphones charged

246 kilometers driven by an average passenger car

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

We continuously improve our environmental performance

