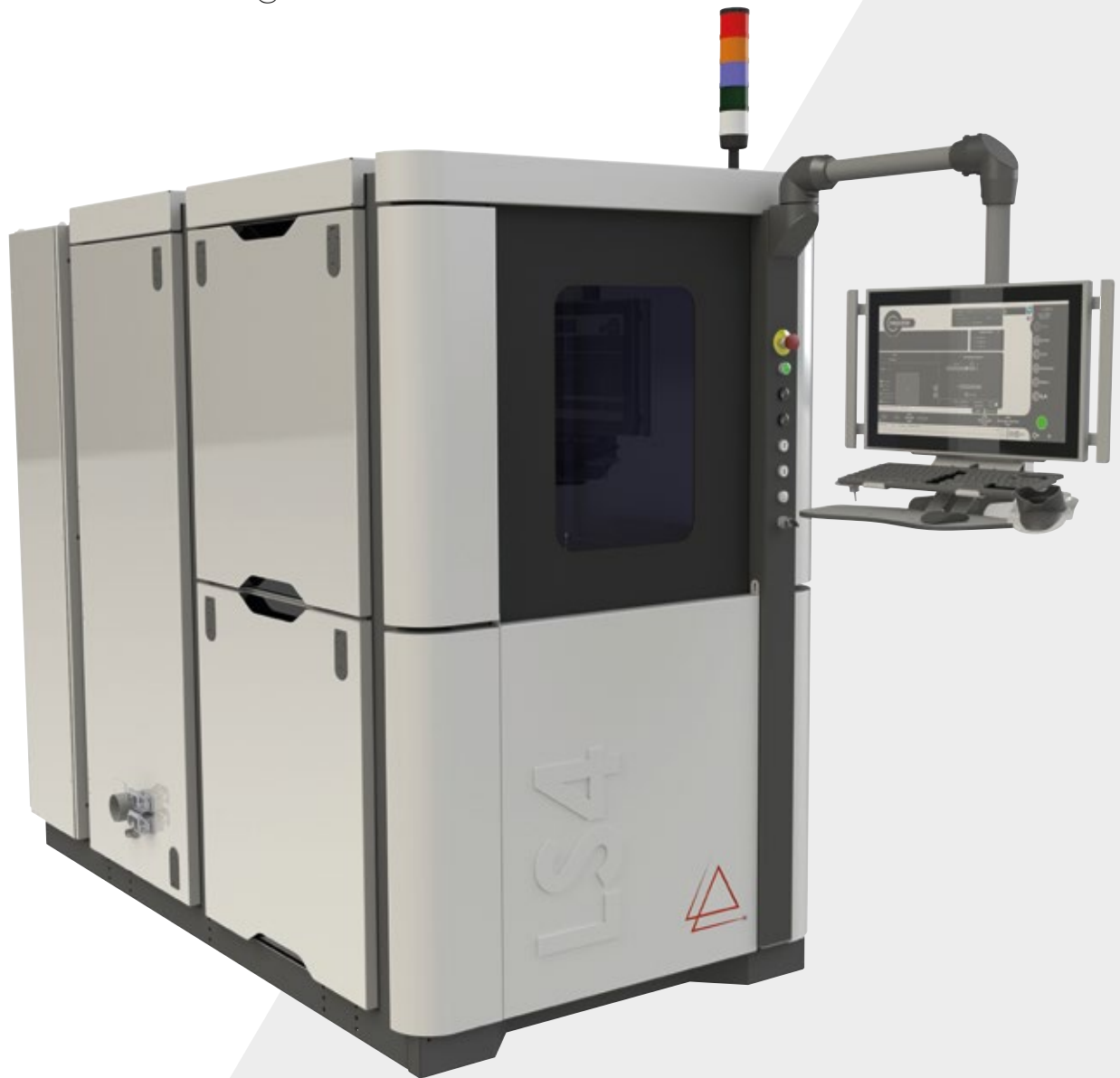



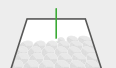






# LS4-P

All of LASEA's experience condensed into an **autonomous, high precision** industrial machine, dedicated to micro-machining of **straight edges** and to watchmaking **decoration**.



Discover the potential of the LS4-P at [www.lasea.eu/en/machines/ls4p](http://www.lasea.eu/en/machines/ls4p)

- |  |   |  |  |
|--|---|--|--|
| <br>CHAMFERING    | <br>MARKING    | <br>ENGRAVING   | <br>DECORATION          |
| <br>TEETH CUTTING | <br>0° CUTTING | <br>0° DRILLING | <br>THIN LAYER ABLATION |

# LS4-P

## HIGHLIGHTS

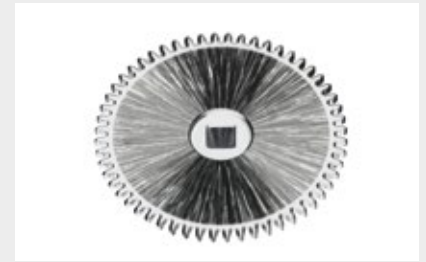
The LS4-P stands out because of its inclusion of the LS-Precess module.

This module, coupled with the machine's galvanometric-based scanner allows micro-machining of straight edges with very high dynamic range.

Thanks to its bypass function, the only one on the market, the parts machined this way can be directly decorated or engraved without rework.

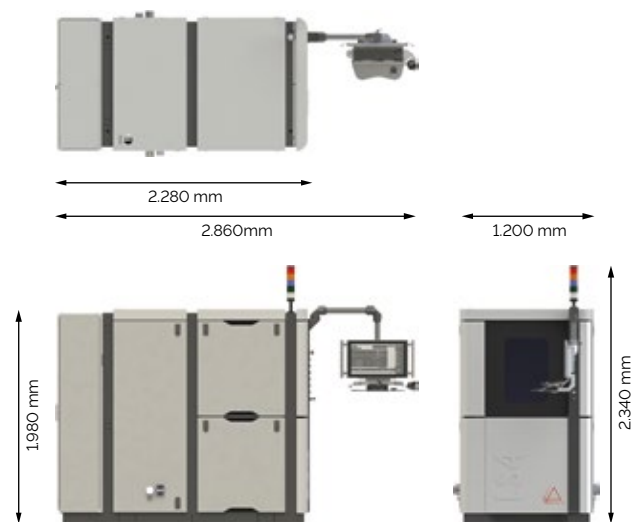
This ingenious approach offers flexibility, increased precision and exceptional quality in the results (cutting edges and fine decoration).



This combination also makes it possible to reduce cycle times compared to traditional cutting techniques.



### Standard equipment:

- ▷ High power laser, frequency-doubled into the visible for rapid precise machining
- ▷ High precision mechanical axes 500 x 300 x 200 mm
- ▷ LS-Precess module for straight-edge micro-machining
- ▷ Industrial vision system with shape recognition
- ▷ Intuitive human machine interface
- ▷ Micro-machining of parts up to 40 x 40 mm
- ▷ Autonomous machining of parts placed in trays
- ▷ Preparation for the part holder interface
- ▷ Video of the work area accessible remotely
- ▷ Thermal stabilisation system
- ▷ Smoke extraction system with fire protection
- ▷ User training
- ▷ 2 year guarantee



 2200 kg  2 kW

### Services/Options

- ▷ Additional specific training
- ▷ Even greater production autonomy (robot, palletiser)
- ▷ Creating a personalised part holder

Discover the potential of our software KYLA™, LS-HMI, LS-Cam and LS-Vision

