



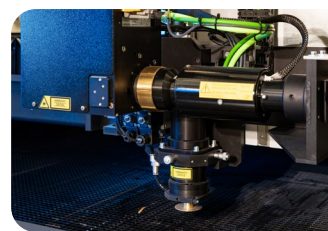
# PERSONAL BRAVO

## Two different technologies for high application flexibility and productivity.

- **Personal Bravo** is a CO<sub>2</sub> laser flatbed plotter designed to combine high-quality cutting, typical of plotter systems, with high-speed marking and engraving, typical of systems with galvanometric head.
- It is equipped with a cutting head and a scanning galvanometric head which has three interpolated axes and a controlled axis. The presence of both technologies, makes Personal Bravo unique for application flexibility and productivity by saving time.
- It is a plotter system with high precision movement through recirculating ball screw and brushless motors.
- **Personal Bravo** is designed for high-quality cutting of thick materials, as well as for high-speed marking and engraving.
- **Personal Bravo** also guarantees the highest quality cutting or perforation of thin materials with a working area up to 2000x3000 mm and laser power up to 800 W.
- **Personal Bravo** allows you to mark large format sheet materials thanks to Bravo mode that enables you to process each part of the sheet one by one and in sequence.
- It is also available with conveyor for roll material processing.
- Industry 4.0 Ready: full digital workflow integration.



Scanning laser head



Conveyor

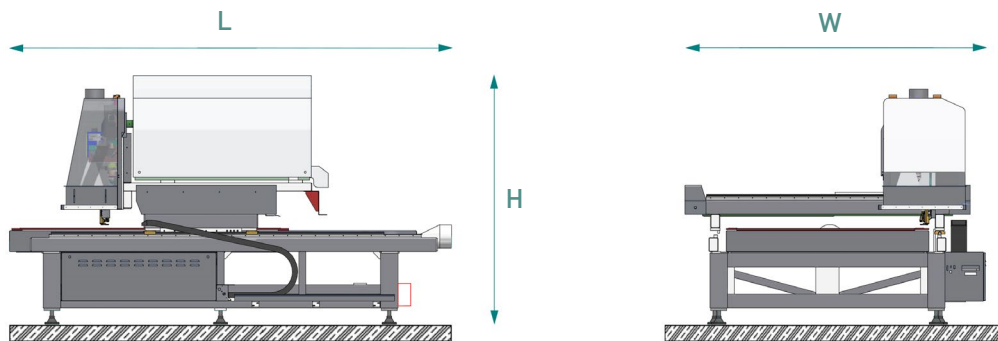




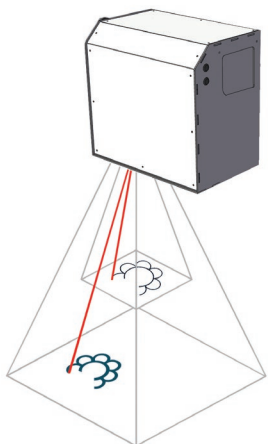
# PERSONAL BRAVO

## Main technical features:

|  |  |              |              |
|--|--|--------------|--------------|
| <b>Available models</b>                        | <b>1520</b>  | <b>1531</b>  | <b>2031</b>  |
| <b>Working area</b>                            | 1550x2000 mm                                       | 1550x3100 mm | 2000x3100 mm |
| <b>Max. material thickness to be processed</b> | 100 mm   |              |              |
| <b>Max. load capacity</b>                      | 80 kg/m <sup>2</sup>                               |              |              |
| <b>Laser power</b>                             | up to 800 W  |              |              |
| <b>Focal units</b>                             | 3,75"  | 5"           | 10"          |
| <b>Max. X-Y axes movement speed</b>            | 500 mm/s   |              |              |
| <b>Accuracy</b>                                | +/-0,05 mm/m                                       |              |              |
| <b>Repeatability</b>                           | +/-0,02 mm   |              |              |
| <b>Single marking area</b>                     | From 200x200 to 400x400 mm                         |              |              |
| <b>Max. working area (Bravo mode)</b>          | 1550x2000 mm                                       | 1550x3100 mm | 2000x3100 mm |
| <b>Software interface</b>                      | CAM Icaro on Windows™ platform                     |              |              |
| <b>Norm compliance</b>                         | 2014/35/EU Low Voltage Directive                   |              |              |
|  | 2006/42/CE Machinery Directive                     |              |              |
|  | 2014/30/EU Electromagnetic Compatibility Directive |              |              |
|  | IEC EN 60825-1 Laser                               |              |              |



|          | 1520    | 1531    | 2031    |
|----------|---------|---------|---------|
| <b>L</b> | 3850 mm | 4950 mm | 4950 mm |
| <b>W</b> | 2600 mm | 2600 mm | 3200 mm |
| <b>H</b> | 1950 mm | 1950 mm | 1950 mm |



**Min. working area** 200x200 mm  
**Spot Diameter** 0,22 mm

**Max. working area** 400x400 mm  
**Spot Diameter** 0,4 mm

Plexiglas



Wood

