

# LASEA MACHINES LS3

## Modular and flexible

The LS3 workstation has been specially designed for micromachining in an industrial environment and integrates the full range of Lasea lasers systems. It's a highly modular and flexible machine thanks to its motorized door and multiple options such as:

- XY translation stages
- Rotation stage
- Z elevation stage
- Turntable
- Vacuum extraction

Its spacious workspace enables large work pieces to be processed.



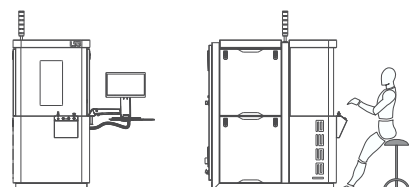
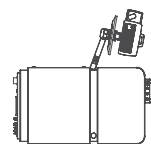
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**Specifications**

Available laser systems	FL range • DL range • CL range • VL3
Door opening	Motorized
Control panel	Emergency stop & reset • Maintenance key • Start & Stop • Door opening
Electrical cabinet	Integrated to the machine
Transportation	Integrated wheels

**Options**

Fume extractor	Outside the machine • Active only during laser process
Quick positioning	Shape recognition, autofocus or 2 red pointers crossing at the right focal distance
Customized automation	The LS3 can be especially designed for an application, including various automation or sensing features.
User interface	LS-HMI • KYLA™ • EasyKYLA

**Dimensions (H x L x D)**

Machine	1950 x 1000 x 1850 mm
Safety window	580 x 290 mm
Working Area	600 x 375 mm

Standard models	LS3 FOCUS	LS3 RING	LS3 MOTION	LS3 INDEX
Motorized Z stage • 200 mm travel • 10 µm repeatability • 50 µm accuracy	•	•	•	•
Motorized rotary chuck		•		
Motorized XY stage • 200 x 200 mm travel • 10 µm repeatability • 50 µm accuracy			•	
Motorized index table with 2 or 6 sections • Manual access panel inside the machine				•
Side camera			•	•