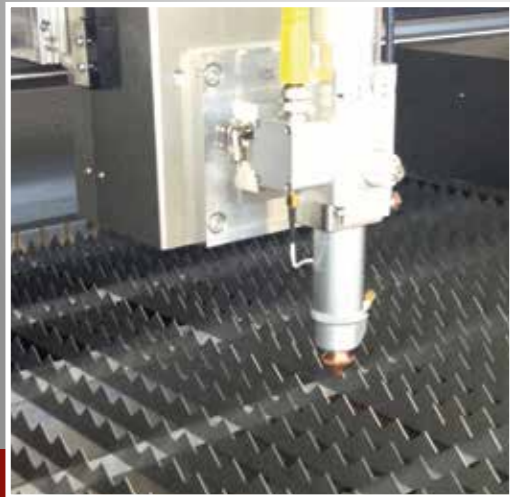


ilas flat

Entry-level laser processing
that is outstanding value for money!



Highlights

- Working area: 1000 x 600 mm
- Travel speed of up to 9 m/min
- Repetition accuracy ± 0.02 mm
- Complete enclosure with laser protection window
- Operated via modern Windows® control software on the swivelling terminal
- Software to generate and import texts and graphics quickly and easily

Options

- Extraction system
- Rotating axis for cylindrical workpieces
- Camera for adjustment and display
- Visible pilot laser for exact positioning
- Various laser sources
- Flexible post processors

Application examples

- Marking and engraving surfaces
- Micro/fine cutting of thin panels
- Removal of coatings
- Cutting thin steel/stainless steel sheets

Typical materials

- Plastics, paper, card, ceramic, metals, e.g. steel, stainless steel
- Composite materials and other materials upon request



The ilas Flat is a professional machine for entry-level metal laser cutting. With the 400 Watt fibre laser installed as standard, it is possible to cut arbitrary contours from thin steel and stainless steel sheets over the large working area of 650 x 1050 mm. The small installation space of just 2 x 2 m is due to integrating all accessories, including the laser source, in the machine.



Technical data

Technical data	ilas flat
Machine dimensions (W x H x D) in mm	2490 x 1964 x 1750
Machine weight in kg	approx. 650
Travel range (X / Y / Z) in mm	1050 / 650 / 100
Marking/cutting speed in m/min	9
Repetition accuracy in mm	± 0.02
Processing area (W x D) in mm	1000 x 600
Table clamping area (W x H) in mm	1010 x 610
Connection voltage	16 A / 400 V
Laser type	Ytterbium fibre laser
Laser power (max.) in W	150 to 3000
Wavelength in mm	1070
Focal distance in mm	100, 125 or 200
Laser cooling	Air or water cooled

Machine dimensions without operating panel or additional accessories.
The laser source and power depend on the individual application.