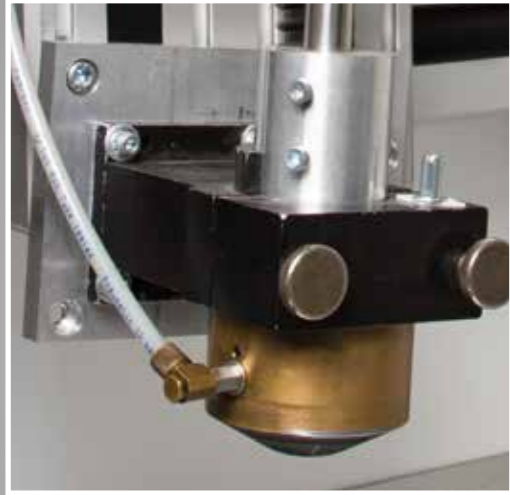


ilas desk

The modular or complete solution!



Highlights

- Line thicknesses of up to 0.05 mm
- Low-maintenance, modern laser diode technology
- Machine with complete protective laser enclosure
- Connection to a conventional PC via USB cable

Options

- Protective laser enclosure
- Suction unit
- Rotating axis for cylindrical workpieces
- Camera for adjustment and display
- Visible pilot laser for exact positioning
- Flexible post processors
- Micro laser cutting with increased accuracy
- Fibre laser up to 400 Watt
- Suitable for retrofitting to milling machines



Application examples

- Cutting foils and veneers
- Cutting thin plastic panels
- Marking glass and ceramic surfaces
- Marking steel

Typical materials

- Thin metal sheets
- Wood and veneer
- Paper and card
- Plastics
- Glass and ceramic surfaces with pre-treatment



The ilas desk is the larger version of the ilas eco. The servo motors that are used enable higher speeds and greater accuracy when processing. With the powerful 200 Watt or 400 Watt laser, cutting thin steel sheets is also possible in addition to marking. The ilas desk is also a compact table machine, which is equipped with a complete protective laser enclosure. The machine is controlled via a conventional PC that is connected directly to the machine via a USB cable.



Technical data

Technical data	ilas desk
Machine dimensions (W x H x D) in mm	747 x 821 x 851
Machine weight in kg	146
Travel range (X / Y / Z) in mm	320 / 230 / 72
Marking/cutting speed in m/min	6
Repetition accuracy in mm	± 0.02
Connection voltage	16 A / 110-240 V
Laser type	Ytterbium fibre laser
Laser power (max.) in W	200 (optionally 400)
Wavelength in nm	1070
Modulation frequency in kHz	up to 500
Focal distance in mm	100, 125 or 200
Laser cooling	Air-cooled

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