

# ilas PLATINUM

Granite base for maximum accuracy!

## Application examples

- Cutting thin sheets up to 5 mm thick

## Typical materials

- Sheets and thin metal panels
- Other materials depending on composition



## Highlights

- Rapid and economical processing of sheet thicknesses up to 5 mm
- Travel speed: 15 m/min maximum
- Low-maintenance, modern fibre laser technology
- Machine with complete protective enclosure and laser protection window
- Steel/granite sandwich construction
- Integrated device for optional extraction system
- **imes-icore** laser cutting systems enable "piercing" at any arbitrary position



## Options

- Varying laser power of 500 W / 1000 W
- Linear motors with speeds of up to 30 m/min
- Rotating axis for cylindrical workpieces
- Camera for adjustment and display
- Visible pilot laser for exact positioning
- Extraction system
- Nesting software
- Hand-held operating unit



Technical data	ilas PLATINUM 1010	ilas PLATINUM 1510	ilas PLATINUM 2010
Machine dimensions (W x H x D) in mm	2310 x 2585 x 2035	2815 x 2585 x 2035	3315 x 2585 x 2035
Machine weight in kg	approx. 2500 to 4500		
Processing area (W x D) in mm	1000 x 1000	1500 x 1000	2000 x 1000
Marking/cutting speed in m/min	15 (optionally with 30 linear motors)		
Repetition accuracy in mm	± 0.01 (optionally ± 0.005 with linear motors)		
Connection voltage	16 A / 400 V		
Laser type	Ytterbium fibre laser		
Laser power (max.) in W	500 to 4000		
Wavelength in mm	1070		
Focal distance in mm	100, 125 or 200		
Laser cooling	Air or water cooled		
Focal distance in mm	100, 125 or 200		

The **ilas PLATINUM** is our answer for complex cutting tasks in the thin sheet area. As the base model we use an aligned version of our proven PLATINUM X3 machine range, the unique steel/granite sandwich construction of which delivers largely temperature-independent precision, which is outstanding even for laser systems. Combined with our economical and low-maintenance fibre laser source, we are therefore able to achieve exceptional value for money ratio in the field of precise laser jet cutting.



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



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