

iCUTwater eco II

The ideal waterjet machine for the workshop!



Highlights

- Machine construction from proven and stable profile structure
- Complete enclosure with doors/accesses front and rear for clean, safe and quiet operation
- Protected, durable, circulating ball screw drives
- High pressure pump, guide machine, CNC control MADE IN GERMANY!
- Post processor, CAD/CAM software based on Windows® (comprehensive import interface, e.g. for BMP, DXF and many other file formats)
- Minimal space requirement (high pressure pump, sand conveyance, controller all integrated into the machine frame)

Options

- External pumps with up to 4150 bar
- CNC-controlled Z-axis
- Pure water conversion set
- Automatic nesting

"Cutting all conventional materials"

Due to the minimal investment costs, the **iCUTwater eco range** is particularly well suited for individual pieces and small production series. The complete pump and abrasive technology is integrated in the machine. As such, it is easy to transport and fits in anywhere, with its installation space of less than 2 x 2 m. In conjunction with the energy-saving pump and the flexible possibilities of waterjet cutting, the **iCUTwater eco II** is therefore the **ideal workshop machine**.

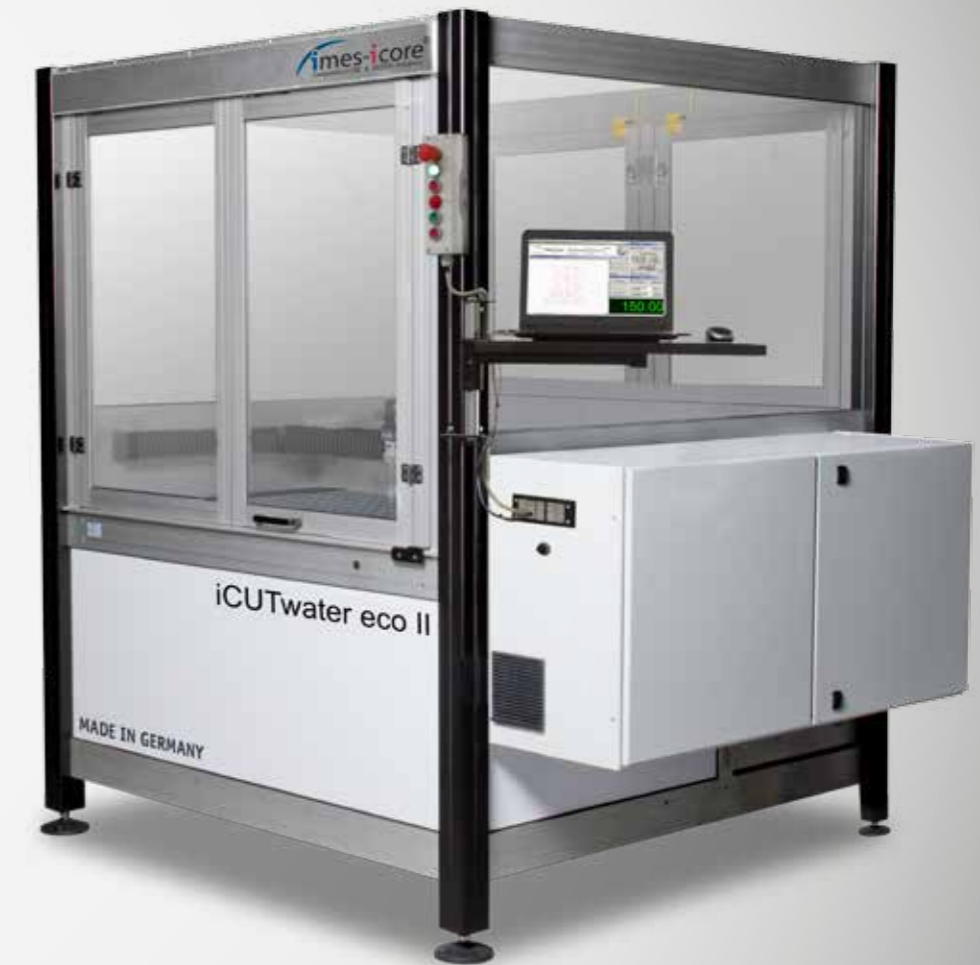


Application areas

- Skilled trades
- Workshop machine
- For small and medium-sized companies
- Training and education
- As an alternative processing technology
- As an expansion machine

Typical materials

- Flat materials such as metals and stone up to approx. 15 mm
- Light materials such as foams up to approx. 40 mm



Technical data	iCUTwater eco II 0610	iCUTwater eco II 0611
Machine dimensions (W x H x D) in mm	2150 x 2400 x 1750	
Machine weight in kg	approx. 1500 to 2500	
Travel ranges (X / Y / Z) in mm	1000 / 600 / 100	
Travel speed in m/min	5	
Table bearing capacity in kg/m ²	max. 250	
Gantry clearance in mm	70 (optionally 150)	
Repetition accuracy in mm	± 0.02	
Positioning accuracy in mm	± 0.08	
Drive type	Servo motors	
Drive elements (X / Y / Z)	Ball screw, adjustable without play	
Guides	Linear guides with ball circulation slides	
Connection voltage	16 A / 400 V	
Pump type	imes-icore 1.5 to 1500 bar	Uhde (Thyssen-Krupp) up to 3500 bar
Operation	14" notebook and operating keys	
Software	Cos4Mos software package	

Machine dimensions without notebook or additional accessories.