

# ICP ranges 4030

Your entry into the world of CNC!



## Equipment

- Stable aluminium / steel construction in table design
- Plug & play via USB for direct connection with a conventional PC
- 4-axis microstep stepper motor control fully integrated in the machine
- Highest step resolution
- Main spindle drive UFM 500
- Enclosed working area according to the CE safety requirements
- Integrated WIN® Remote software integrated and suitable for running on every conventional PC with Windows® 7/8/10

## Options

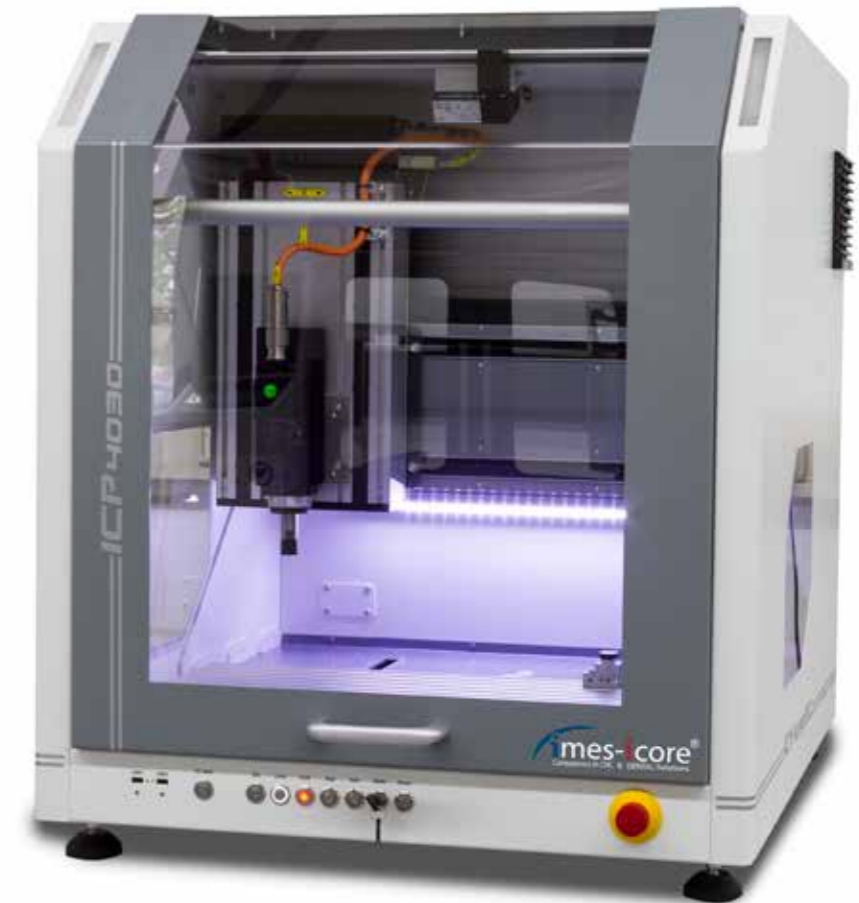
- Automatic tool changer
- Working area lighting
- Length measuring switch
- Main spindle drives iSA 500/iSA 750 HF spindle up to 80,000 rpm
- Engraving spindles with mechanical height compensation
- Minimum quantity lubrication cooling system
- CNC-controlled rotating axis (4th axis)
- Suction unit
- 4-axis rail control function
- Engraving mat
- isyCAM 3.6
- And many more options

## Application examples

- Training/teaching
- Jewellery industry
- Engraving plates
- Architecture/model construction
- Cylindrical surface processing
- Milling circuit boards
- Prototype manufacture
- Milling contours
- Milling pockets
- 3D milling

## Typical materials

- Plastics
- Wood
- Brass
- Circuit board material
- Wax



The cost-effective CNC compact system **ICP** is a CE-compliant, 3D-compatible milling machine ready for mains connection. The CNC system is ready for operation through a simple connection with a conventional PC. The sliding door is quiet-running and enables simple loading and unloading of the machine. The housing is optimally accessible and has been acoustically optimised. On request, various expansion options are available, including a rotating axis, minimum quantity cooling lubrication or an extraction system.



Technical data	ICP 4030
Dimensions (L x W x H) in mm	769 x 836 x 901
Weight in kg	approx. 150
Travel ranges (X / Y / Z) in mm	400 x 300 x 140
Speed range X / Y / Z in m/min	6
Table clamping area WxD in mm	700 x 375
Clearance height in mm	200
Repetition accuracy in mm	± 0.02
Drive motors	High-torque step motors
Drive elements (X / Y / Z)	Ball screw, zero backlash adjustable
Guides	Linear guides with ball circulation slides
Connection voltage	16A / 110-240 V
Control	Step controller iMC-P
Operation	Function keys and emergency stop
Software	WIN®-REMOTE / isy-CAM 2.8

Machine dimensions without operating panel or additional accessories.  
Travel ranges without processing unit and other attachments (tool changer, length measuring switch, etc.).