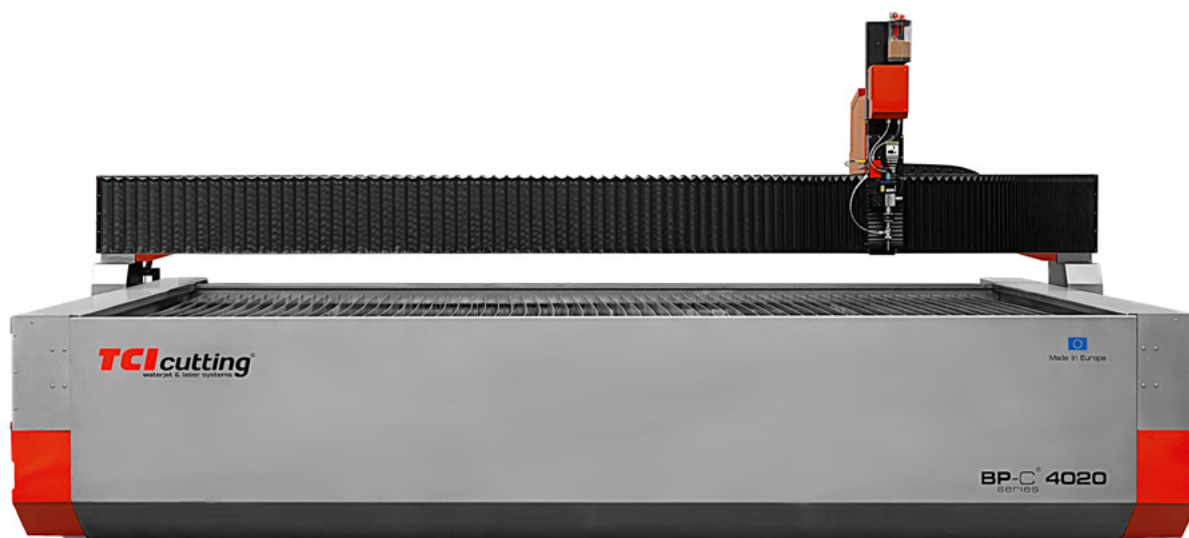


BP-C[®]
Series

WATERJET 
division

TCIcutting[®]
waterjet & laser systems



BP-C[®] (Compact) Series

The **TCI Cutting** BP machine series are characterized by a bridge-type construction, which gives them great robustness and enables them to cut large surfaces.

The gantry drive system on the Y axis allows high acceleration and high speed thus reducing operating time.

The **TCI Cutting**, cutting machines offer functional, precise and profitable equipment for all standard applications.

Maximum performance with minimal investment and maintenance.

Models	Dimensions
BP-C 4020	4000x2000x200 mm



Characteristics

Technical Data

Maximum thickness of the workpiece	200 mm
Maximum permitted load	790 kg/m ²
Number of cutting heads	1 to 2
Maximum simultaneous positioning speed	70 m/min
Maximum cutting speed	20 m/min
Machine tolerance in accordance with VDI/DGQ 3441	± 0.05 mm/m
Repeatability precision	± 0.025 mm/m

BP-C[®] Series

Advantages and Characteristics

- Travel speed up to 85 m/min.
- Smart system for moving up to 4 independent cutting heads, allowing maximum utilization of materials.
- Real time consumable status monitoring software allows preventive maintenance and downtime prevention.
- Fully automated sludge removal system
- CNC, Control cabinet, intensifier and peripherals are shielded from the working area of the machine.
- Possibilities for both frontal and lateral loading of materials.
- Autonomous functioning system.
- Anti-collision system with digital sensitivity regulation.
- ON-LINE technical assistance by Mechanical Engineers, Automation Engineers, Industrial Electronics and Industrial Design Engineers.
- Installation and commissioning in 7 days.

