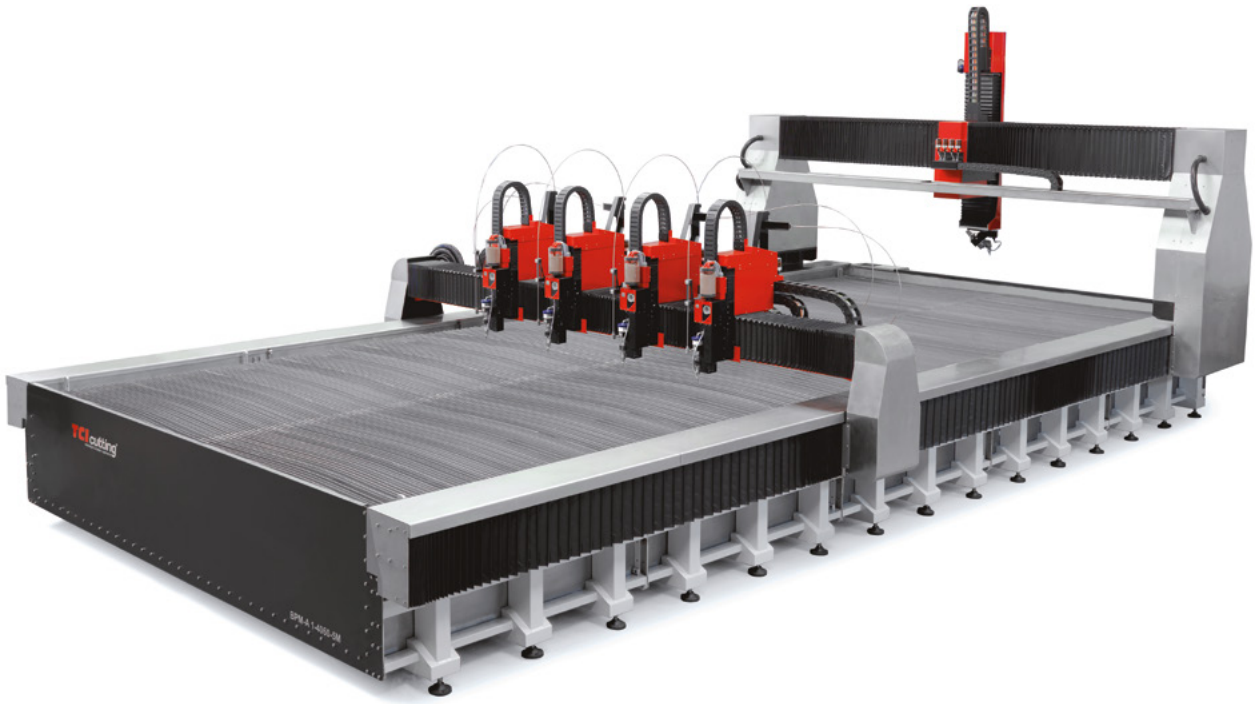




**BP-M**<sup>®</sup>  
Series

**WATERJET**   
division

**TCI** *cutting*<sup>®</sup>  
waterjet & laser systems



## BP-M<sup>®</sup> (Modular) 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.

**Robustness and flexibility**, this series incorporates the advantages of the standard series, with the added strength that is required by very demanding customers in order to cut thick and large surface area materials.

Models	Dimensions
BP-M 2040	2000x4000x200 mm
BP-M 3020	3000x2000x200 mm
BP-M 3060	3000x6000x200 mm
BP-M 3080	3000x8000x200 mm
BP-M 30120	3000x12000x200 mm
BP-M 4060	4000x6000x200 mm
BP-M 4080	4000x8000x200 mm
BP-M 40120	4000x12000x200 mm



### Characteristics

### Technical Data

Maximum thickness of the workpiece	200 mm
Maximum permitted load	1.000 kg/m <sup>2</sup>
Number of cutting heads	1 to 4
Maximum number of bridges	4
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-M**<sup>®</sup>  
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.

