



**BP-S**<sup>®</sup>  
Series

**WATERJET**   
division

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



## BP-H<sup>®</sup> (Standard) Series

**Flexibility and adaptability** are key in order to remain competitive in today's market where new challenges are constantly posed. This is why **TCI Cutting** has developed the BP-H series.

This series is characterized by maximum height control on the Z axis up to 500 mm, resulting in a unique versatility to meet customer requirements.

The possibilities to adapt the configuration to the customer's needs are endless.

Models	Dimensions
BP-H 3015	3000x1500x500 mm
BP-H 3020	3000x2000x500 mm
BP-H 2040	2000x4000x500 mm
BP-H 3060	3000x6000x500 mm
BP-H 3080	3000x8000x500 mm
BP-H 4060	4000x6000x500 mm
BP-H 4080	4000x8000x500 mm



Characteristics	Technical Data
Maximum thickness of the workpiece	200 mm
Maximum permitted load	790 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-S**<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.

