



SM-M[®]
Series

WATERJET
division 

TClcutting[®]
waterjet & laser systems



SM-M[®] (Modular) Series

The **TCI Cutting**, SM machine series have the cutting head mounted on very stable and robust mechanical fly-arm. This cutting system offers maximum accessibility to the work area and requires very little space for installation.

The **TCI Cutting** SM-M series machine allows both the installation of a second independent cutting table as well as the extension of the main cutting table, thereby maximizing performance.

The SM-M Series also offers the **option of enclosure** to facilitate clean and silent functioning and **occupying minimal space** in the cutting center.

A unique feature of this machine is its ability to cut using two independent cutting arms, located in two different work areas.

Models	Dimensions
SM-M 3015	3000X1500X200 mm
SM-M 3020	3000x2000x200 mm
SM-M 4020	4000X2000X200 mm
SM-M 6020	6000x2000x200 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	60 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

SM-M[®] 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.

