



SM-S[®]
Series

WATERJET 
division

TCIcutting[®]
waterjet & laser systems



SM-S[®] (Standard) 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.

Profitability and accessibility are the principal characteristics of these machines, capable to satisfy most common cutting requirements. It offers the possibility to use multiple cutting arms independently while cutting any geometric shape.

Models	Dimensions
SM-S 3015	3000X1500X200 mm
SM-S 3020	3000x2000x200 mm
SM-S 4020	4000x2000x200 mm
SM-S 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
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

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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.

