

SpeedCut MOST CNC machine

PLASMA



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<https://www.rywal.eu/f031-6>

Type of CNC	SpeedCut
Type of table	water
Cutting width [mm]	1000 / 1500
Cutting length [mm]	2000 / 3000
Positioning speed [mm/min.]	25 000
Cutting tool	plasma torch
Cutting thickness [mm]	up to 35
Cutting quality	EN ISO 9013
Additional portal width	Only in 1500 x 3000 color version
Compact design	does not require anchoring to the floor

Main features:

- Adjustment of the distance between cutting torch and metal sheet - THC system.
- Working range in Z axis = 110 to 270 mm.
- Table load capacity supported by anti-vibration feet.
- Autonomous CNC PLC controller of Polish production.
- CAD/CAM software in Polish as standard version (other languages optional).
- Ground guides and tooth gears.
- Automatic lubrication system for the X axis linear guide.
- Ergonomic control panel adjustable in two levels.
- Computer screen protected by tempered glass.
- Ball conveyors for easy material positioning.
- Carrier ports for easy transport of the machine.
- Table equipped with a water grate - low operating costs.

Accessories:

- Plasma power source.
- Screw compressor.
- CAD/CAM program with automatic nesting.
- Additional portal width (1000 mm).

SpeedCut Compact MOST CNC machine

OXYGEN

PLASMA



Type of CNC	SpeedCut Compact
Type of table	water
Cutting width [mm]	1500 / 2000
Cutting length [mm]	3000 / 4000 / 6000
Positioning speed [mm/min.]	18 000 - 28 000
Cutting tool	plasma / oxygen cutting torch
Cutting thickness - plasma torch [mm]	up to 35
Cutting thickness - oxygen torch [mm]	up to 100 (up to 50 in production)
Cutting quality	EN ISO 9013
Compact design	does not require anchoring to the floor

Main features:

- Adjustment of the distance between cutting torch and metal sheet - THC system.
- Plasma and oxygen cutting torches.
- Distance to the gate up to 180 mm.
- Table load capacity supported by anti-vibration feet.
- Double-sided drive on a toothed slat.
- Autonomous CNC computer PLC of Polish production.
- CAD/CAM software in Polish in standard version.
- Slats and gear wheels grinded and hardened.
- Automatic lubrication system for the X and Y axis linear guide.
- Ergonomic control panel adjustable in two levels.
- The monitor screen is protected with tempered glass.
- Transport holes for easy movement of the machine.
- Table equipped with a water grate - low operating costs.

Accessories:

- Plasma power source.
- Screw compressor.
- CAD/CAM program with automatic nesting.
- Additional portal width.

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1. Control system
2. Integrated ergonomic keyboard
3. Stainless steel water table
4. Ball points for easy loading of metal sheet
5. High table load capacity 4000 kg
6. Transport holes for the forklift truck
7. Automatic lubrication system
8. Torch base system
9. Central rail truck drive

10. Z-axis with a large working range
11. Deeper stainless steel bathtub
12. Table load capacity 5000 kg
13. Double-sided rail truck drive
14. Simple and quick torch replacement
15. High-precision toothed gears
16. Top quality linear guides
17. Automatic lubrication system for all axes



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Type of CNC	SpeedCut 10/20 MOST Silver	SpeedCut 15/30 MOST Silver	SpeedCut 15/30 MOST	SpeedCut 15/30 MOST Compact	SpeedCut 20/40 MOST Compact	SpeedCut 20/60 MOST Compact
Type of table	water	water	water	water	water	water
Table load capacity [kg]	2000	4000	4000	5000	10 000	15 000
Net weight of the machine [kg]	380	700	750	820	1300	1600
Water quantity [l]	220	500	500	800	1600	2400
Travers speed [mm/min]	15 000	25 000	25 000	18 000	18 000	28 000
Gas cutting	-	-	-	●	●	●
Coating	galvanized	galvanized	Lacquering (colour)	Lacquering (colour)	galvanized	galvanized
Machine dimensions [mm]	2600x1540x1280	3700x2040x1280	3700x2040x1280	3880x2190x1450	4880x2490x1450	6880x2490x1450
Outdoor extension (1000 mm)	-	-	●	-	-	-
Nominal working area [mm]	1000x2000	1500x3000	1500x3000	1500x3000	2000x4000	2000x6000
Desktop type	integrated 20"	integrated 20"	integrated 20"	integrated 20"	integrated 20"	integrated 20"
USB interface	2	2	2	2	2	2
Keyboard	metal, dust and oil-resistant	metal, dust and oil-resistant	metal, dust and oil-resistant	metal, dust and oil-resistant	metal, dust and oil-resistant	metal, dust and oil-resistant
Ball manipulator	●	●	●	●	●	●
Height adjuster	●	●	●	●	●	●
CAD/CAM software	●	●	●	●	●	●
Cutting software	●	●	●	●	●	●
Ball points for easy loading of metal	-	-	●	-	-	-
Holes for forklift	-	●	●	●	●	●
Adjustable support legs	4	6	6	8	10	12
Bathtub	galvanized	stainless steel	stainless steel	steel, hardened	stainless steel	stainless steel
Automatic lubrication system	-	-	●	●	●	●
Central rail truck drive	●	●	●	-	-	-
Double-sided rail truck on toothed gears	-	-	-	●	●	●
LSCG - Leveling System Chamfering Gates - equalizing the rail truck position system	●	●	●	●	●	●
DR - Dynamic Referencing system of dynamic point "0,0" indication	●	●	●	●	●	●
QS - quick start	●	●	●	●	●	●
RBE - Rotary Basing Edge - Innovative Basis system	●	●	●	●	●	●
TSC - Torch Sensor Control - dual roofing system	●	●	●	●	●	●
Stop & Go - simulation cutting system	●	●	●	●	●	●