



CMS Waterjet Cutting Range

The Italian CMS Waterjet system is capable of cutting a wide variety of materials such as Metal, Plastic, and even Food, using a very high-pressure waterjet and abrasive mineral. Waterjet cutting is one of the fastest growing cutting processes around the globe and is used across many engineering and fabrication sectors. It is the preferred method for cutting materials that are sensitive to high temperatures generated by other methods such as laser and plasma systems.

The advantage of the Italian CMS waterjet is that they manufacture the complete package from the machine structure, pump, controls and software.

With over two thousand machines installed worldwide, CMS are a highly efficient and well respected within the manufacturer industry.



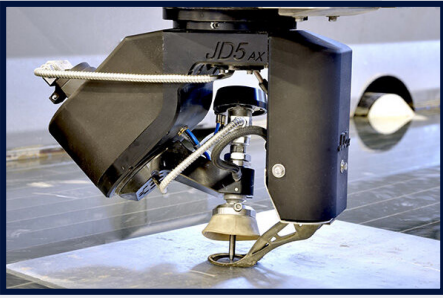
CMS Technocut Proline

Machine Features

- Mobile control panel with laptop (Smartline)
- New Z axis strokes up to 350mm 3 axis, up to 150mm 5 axis
- Easyjet DDX CAD/CAM Software
- Electronic hopper
- Probe system for consistent cutting heights
- Bellows for X-Axis and labyrinth panels for Y-Axis to protect from water, dust / abrasives
- Automatic lubrication of all axes
- Intensified Chamber in frame (Proline Only)

Optional Equipment

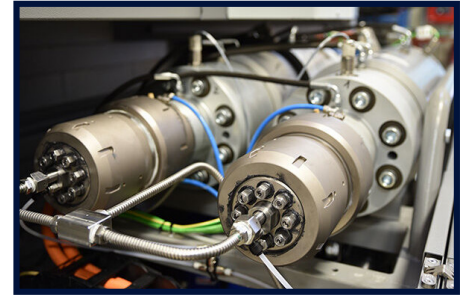
- 60Hp Jetpower Evo Pressure Intensifier
- 4139 / 6200 Technocut Greenjet Evo Pressure Intensifier
- 21.5" Touch Screen control panel on a mobile trolley (Standard on Proline)
- Cross-Laser pointer
- Drilling Unit
- JD5AX Cutting Head
- Cutting Head Camera (Proline Only)
- Anti-reflective or steel honeycomb work table grids (Proline Only)
- Rotating axis for pipe processing (Proline only)
- Dredging system for "no maintenance" abrasive removal (Standard on Proline)



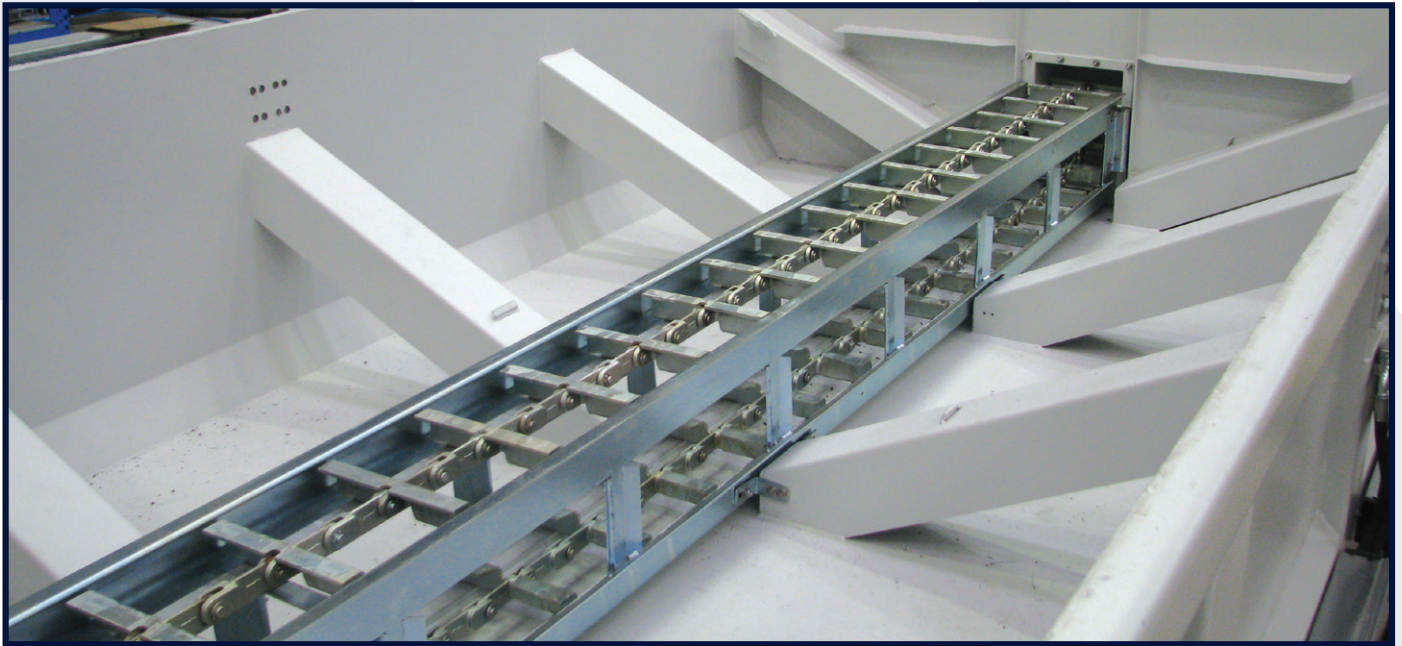
**JD5AX CUTTING HEAD
(OPTIONAL)**



**BELLOWS PROTECT LINEAR
RAILS FROM DUST AND
ABRASIVES**






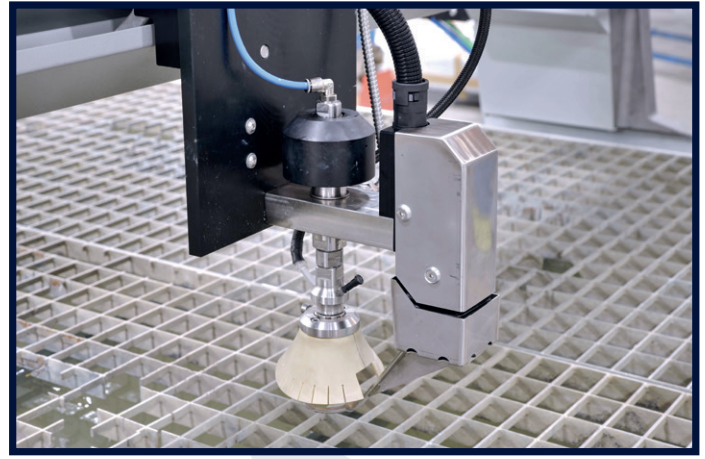
**INTENSIFIER CHAMBER
(PROLINE ONLY)**



DREDGING SYSTEM (OPTIONAL FOR THE SMARTLINE)

TECHNICAL SPECIFICATIONS

MODEL	Technocut Easypump 30HP	Technocut Jetpower evo 60HP	Technocut Greenjet 4139	Technocut Greenjet 6200	
					
Power	kW	22.5	45	34	34
Cylinders		2	/	/	/
Multipliers		/	3	2	2
Max. Water Pressure	bar/psi	4,150 / 60,000	4,150 / 60,000	4139	6200
Max. Water Flow Rate	lpm/gpm	2.5 / 0.54	5.0 / 1.10	5.0 / 1.10	2.61 / 0.57
Max. Diam. Orifices	mm / in	0.28 / 0.011	0.4 / 0.016	0.4 / 0.016	0.28 / 0.011
Voltage	v	400V +/- 5% 50-60 Hz (Different voltages and frequencies on request)			



TECHNOCUT SMARTLINE



TECHNOCUT PROLINE

TECHNICAL SPECIFICATIONS

MODEL SIZE	CMS Technocut Smartline		CMS Technocut Proline	
		2040	1730	2040
X Axis	mm	4000	4250	
Y Axis	mm	2000	2000	
Z Axis	mm	250 (3-Axis) / 150 (5-Axis)	300 (3-Axis) / 200 (5-Axis)	
B Axis (5 Axis Only)	°	±60°	±62°	
C Axis (5 Axis Only)		N/A	Infinite	
XY Axis Rapid Speed	mm/min	N/A	40,000	
Rest Surface	mm	4150 x 2080	3700 x 2025	4650 x 2050
Worktable Load Capacity	kg/m2	500	1000	1000
Position Accuracy	mm	+/- 0.1	+/- 0.035	+/- 0.035
Position Repeatability (PS)	mm	+/- 0.05	+/- 0.025	+/- 0.025
Installed Power	kW / HP	6 / 8	6 / 8	6 / 8
Overall Dimensions	mm	5595 x 7400 x 4000	7152 x 3183 x 4149	8158 x 3483 x 3900
Weight (Empty)	kg	3900	4000	8000