



MJT –W3-3020 3 axis WATERJET CUTTING MACHINE



HIGH PRESSURE WATERJET CUTTING SYSTEM (Registered)

Cutting size (mm.)	CNC - 3 Axis – Bridge Type	3000x2000x250
CNC Control Unit	3 Axis Control Unit Ethernet and Network Interfaces, USB Port Extra Manuel Hand-Wheel (X,Y,Z)	
	Quantity	
X Axis Motor	1 Pcs.	1.5 KW Servo Motor Set
Y Axis Motor	2 Pcs.	1.5 KW Servo Motor Set
Z Axis Motor	1 Pcs.	0.75 KW Servo Motor Set with brake
Transmission System	Helical Hardened Racks and Pinions	
Linear Bearing	Linear Slides and Rails	
Step Accuracy	0,01 mm	
Rapid Traverse Speed	30.000 mm/min	
CAM Program	Manual/Automatic Nesting Available /Automatic Input – Output System.	



AMTE

Herelsestraat 175, 4726 SR Heerle • T 0165 30 41 88 • F 0165 30 47 58 • E amtc@amtc.eu • I www.amtc.eu





HIGH PRESSURE WATERJET PUMP

Model	MJT – 4000
Design Pressure	4000 Bar
Motor	50 HP
Motor Speed	1500 Rpm - 50 Hz-60 Hz
High Pressure Flow Rate	2,3 – 3 Lt./min.
Hydraulic Pump	71cm ³ (103 Lt.)
Hydraulic Axial Piston Pump	Max. 200 Bar
Cooling Water Flow Rate	30 Lt. /min.
Optimum Water Inflow Pressure	4 Bar
Adjustable pressure water pump	8-10 Bar
External Dimension	H = 1220 mm W = 1040 mm L = 1830 mm
Orifice Diameters	0,18 0,25 0,30 0,35 mm
Pump Warranty (Hydraulic and Electronic Assembly)	2 years against hydraulic-electric-electronic faults. High pressure parts shall change due to wear.

Registered by MAVIJET



MJT –W3-3020 3 axis WATERJET CUTTING MACHINE



ABRASIVE TANK

Abrasive Tank	Max. 350 Kg.
Operating Pressure	6 Bars
Sand Dosing System	Adjustable From CNC Unit via Pasometer



SAND DOSING SYSTEM – CUTTING HEAD AND MIXING CHAMBER (Registered)

Sand Flow Rate	80 – 600 gr/min.
----------------	------------------



AMTE

Herelsestraat 175, 4726 SR Heerle • T 0165 30 41 88 • F 0165 30 47 58 • E amtc@amtc.eu • I www.amtc.eu





MJT –W3-3020 3 axis WATERJET CUTTING MACHINE

MJT – 4000	4000 BAR – 50 HP – HIGH PRESSURE WATERJET PUMP
WORKING TABLE SIZE	3000x2000 x 250 mm
ABRASIVE TANK	SMART ABRASIVE RESERVE TANK
SAND DOSING	MAVIJET SAND DOSING SYSTEM
CUTTING HEAD	MAVIJET CUTTING HEAD GROUP WITH MIXING CHAMBER
CAM	CAM PROGRAM WITH MANUAL NESTING
CONTROLLER	3 AXIS CONTROLLER