



Discover the new range of Alpha water jet cutter manufactured by Alpha CNC Group, machining and cutting soft materials and hard materials with addition of abrasive

Soft materials

- foam
- rubber
- plastics
- leathers...

Hard materials with additional abrasive materials

- metal
- ceramic
- glass
- stone
- composite materials...

Features:

- ❖ Simple design, easy to set up
- ❖ High precision rack and pinion driven machine
- ❖ High speed servo motor
- ❖ Integrated/split machine structure
- ❖ Dust proof cover to protect linear rail and rack
- ❖ Wireless remote control
- ❖ Graphic simulation
- ❖ Flying arm available due to the machine size

Specification

Model	1530WJ
Machine type	Gantry
Cutting range	3000x1500mm
Z axis travel	150mm
Tolerance	0.05mm
Repeatability	0.03mm
Max Speed	60m/min
Max cutting pressure	4,000bar

Alpha ultra high pressure pump



HP75-300 Intensifier Pump

Nominal Power Rate	7.5kW
Max. Continuous Pressure	500-3,000bar
Max. Water Flow Rate at Max. Pressure	1.7L/min
Control Voltage & Power Supply	24VDC
Nom. Motor Current	415V/50Hz 66A
Max Noise Level	<92dB
Control System	Siemens
Min. Inlet Cutting Water Pressure	2bar
Max. Nominal Stroke Rate	54Min -1
Accumulator Volume	1L

BFT40.11 Ecotron pump



BFT 40.11 Ecotron Intensifier Pump

Nominal Power Rate	11kW
Max. Continuous Pressure	500-4,200bar
Max. Water Flow Rate at Max. Pressure	1.2L/min
Control Voltage & Power Supply	24VDC
Nom. Motor Current	415V/50Hz 66A
Max Noise Level	<80dB
Control System	BFT
Min. Inlet Cutting Water Pressure	2-4bar
Max. Nominal Stroke Rate	54Min -1
Accumulator Volume	1.6L

Options

- ❖ Auto loading and unloading table
- ❖ Auto abrasive cleaning system
- ❖ Water chiller
- ❖ Water soften system

Applications

