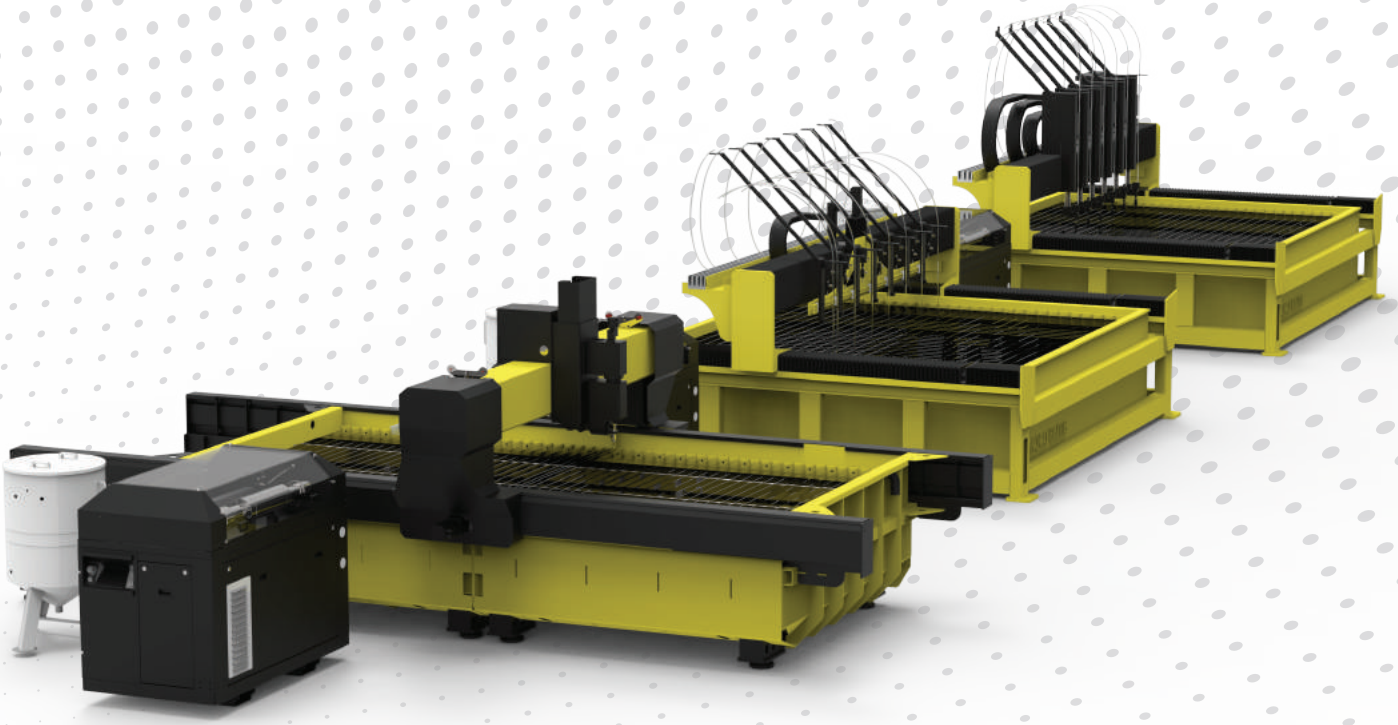
ROBJET



WATERJET & CNC
TECHNOLOGIES

COMPANY PROFILE

About Us

ROBJET started to operate in 2011, thanks to the experience of its professional staff, it has risen in a short time and has increased its engineer staff and machinery investments aiming to increase product development and manufacturing capabilities.

ROBJET, which has accelerated its work with its powerful staff and CNC turning and milling machines added to its facilities, is strengthened with Robotic Automation and CNC Cutting Products.

ROBJET manufactures and exports of Water Jet pumps and CNC Machine. We provide production and service of spare parts with high quality and high know-how.

Vision

In every field of activity principle to be the leader in Turkey, constantly evolving and developing with technological innovations, producing products of high quality that meets the expectations of our customers, adding value to customers and employees allowing their satisfaction, the development of society and the country to become a global company in the value-added economy.

Mission

With our effective, market and customer-oriented work and the systems it develops with a strong and expert team ready to serve in every field of the industry, project - based works, professional system solutions for improvement and the production of applications that will support R & D studies, and technological in robot and automation systems To add value to its customers and employees by constantly following innovations.

COMPANY PROFILE

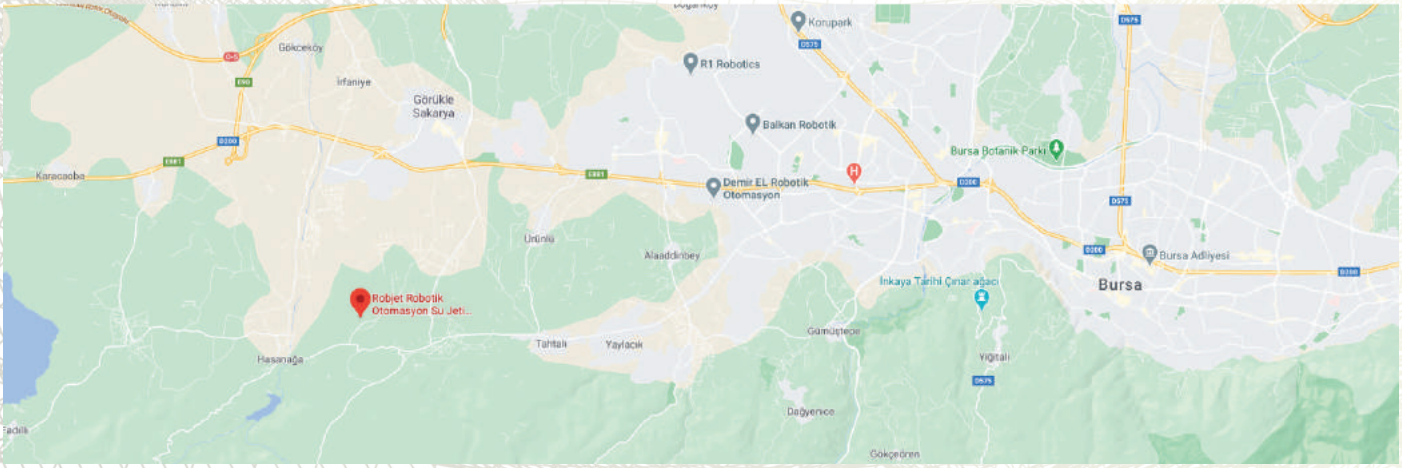
Location

Kayapa OSB, Sarı Cd., 16315 Nilüfer/Bursa TURKEY

+90 (224) 441 77 35

+90 (224) 441 77 35

info@robjet.com.tr



Area

Plant Size: 2000 sq. meter closed area

COMPANY PROFILE

Production Facilities

Capabilities:

VİCTOR V-P106 / CNC Machining Center

TAKISAWA EX308 / C Axis CNC Lathe

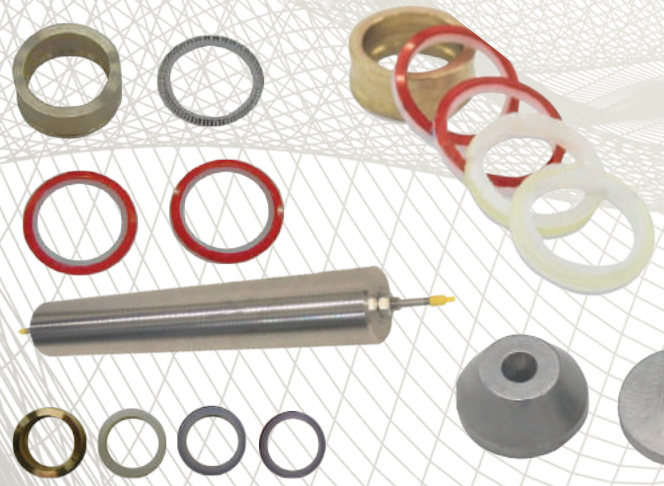
TAKISAWA NEX-108M / Y Axis CNC Lathe

COMPANY PROFILE

Global Sales

- **Sweden**
  Global sales partner of ROBJET
- **Russia**
- **Montenegro**
- **Germany**
- **Italy**

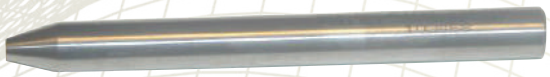
Spare Parts Sales and Services

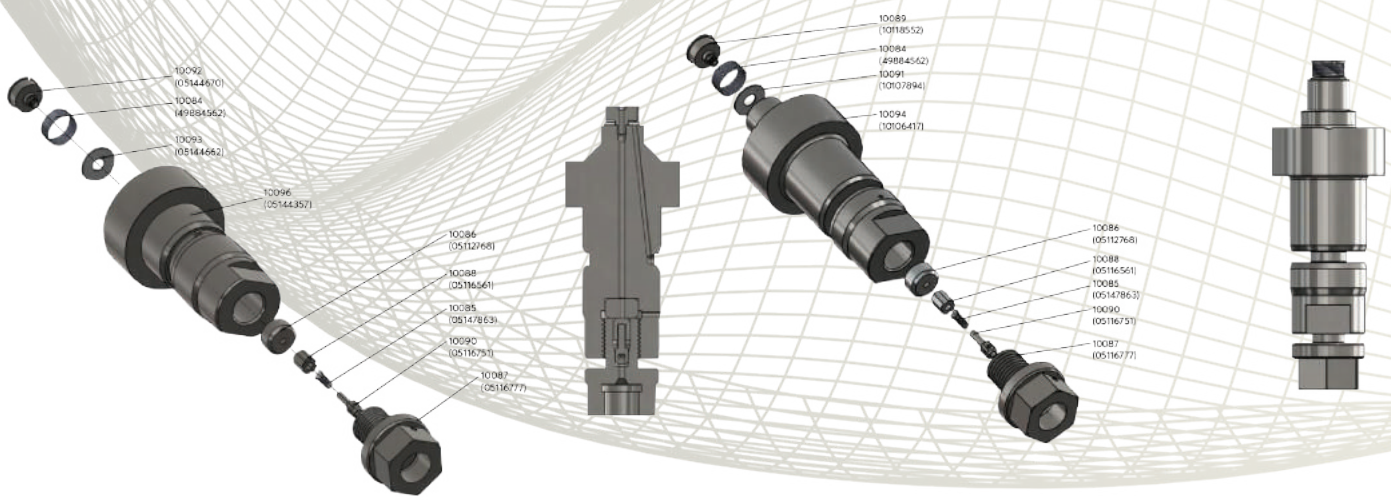


Water Jet Spare Part Manufacturing Range:

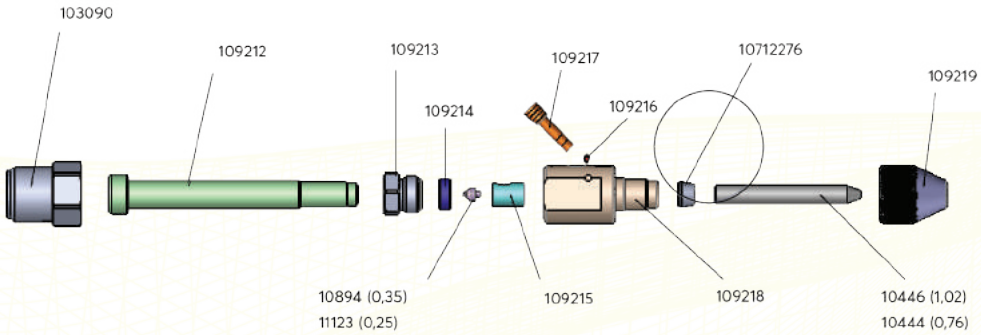
- Aqro
- KMT
- Flow
- BFT

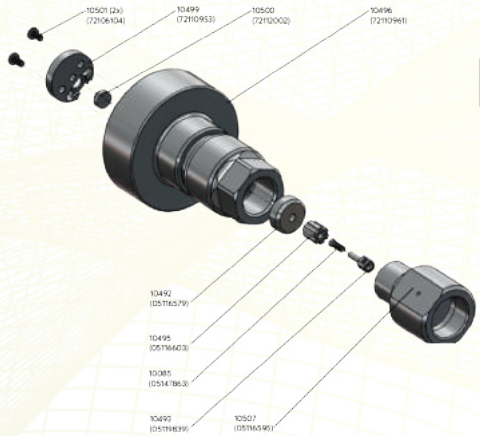
info@robjet.com

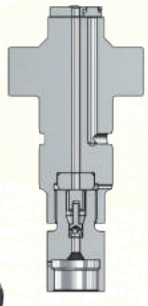


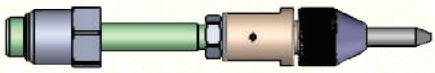


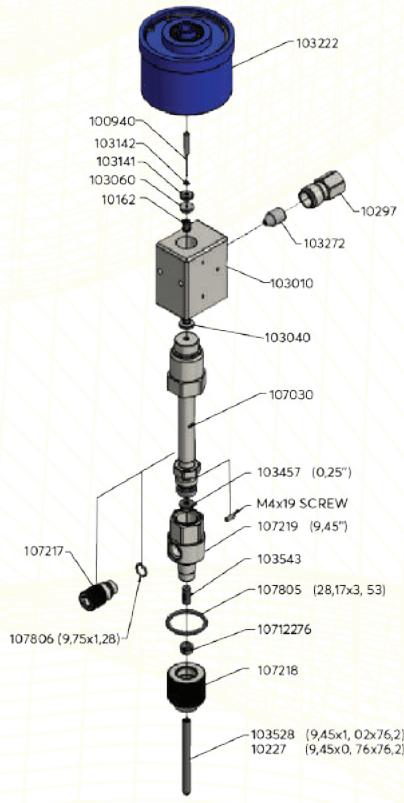
COMPANY PROFILE

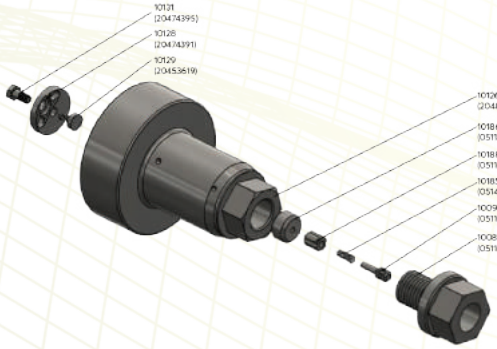


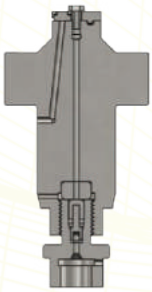


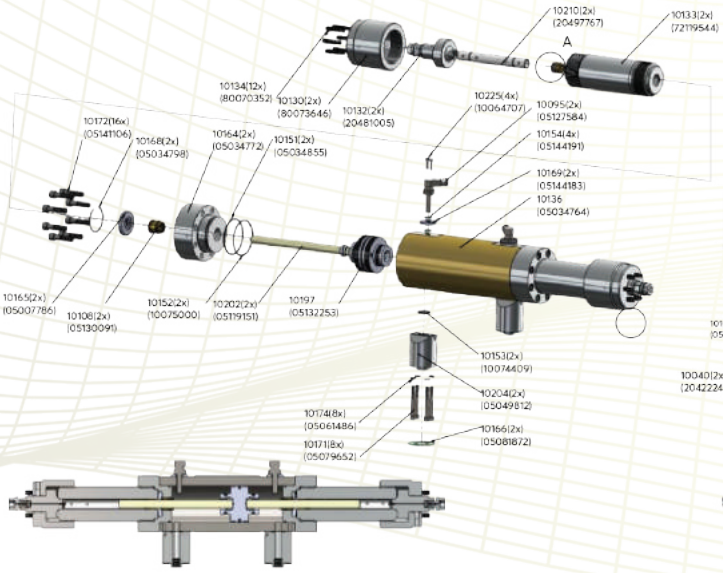


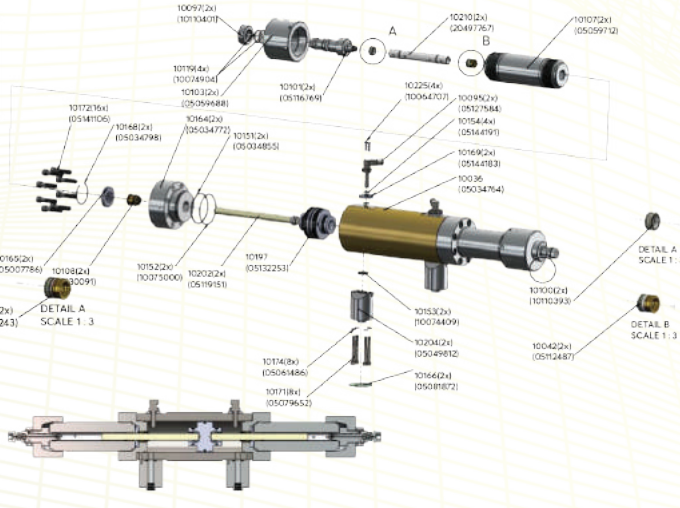






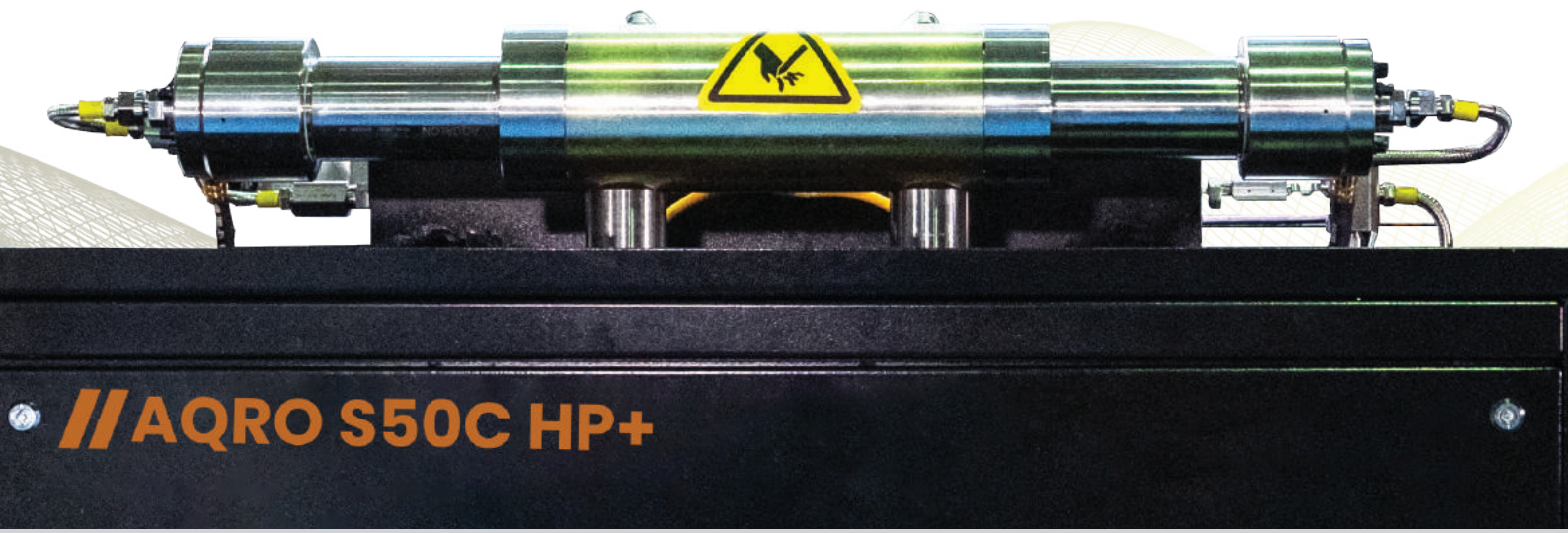


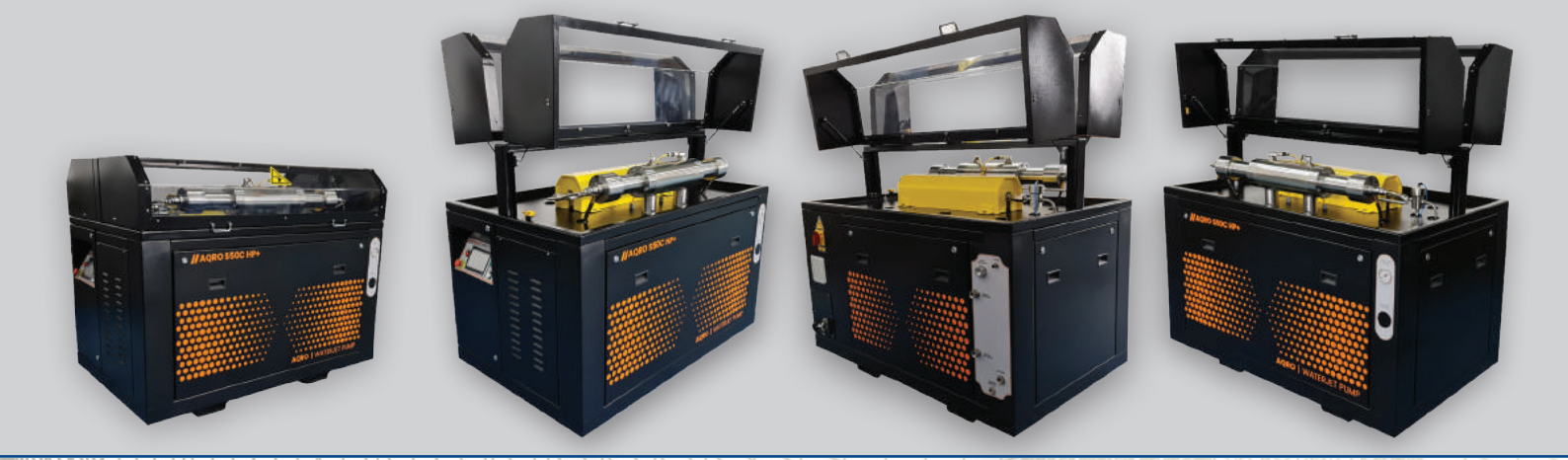




AQRO S50C HP PLUS
WATER JET PUMP

NEW PRODUCT





TECNICHAL SPECS.

Descriptions	Unit	AQRO S50C
Motor Rating	(Kw / Hp)	37 / 50
Pressure Range	(Bar)	1.000-3.800
Max Flow Rate at Max. Pressure	L / min	3,8
Length	mm	1.700
Width	mm	1.040
Height	mm	1.400

Cutting Water Circuit		
Intensifier Design		SLIV / SLV
Number of Intensifiers		Single / Redundant
Intensifier Ratio		20:1
Max. Stroke Rate	No / min	55
Attenuator Volume	L	1
Cutting Water Pressure	Bar	3 - 7
Min. Cutting Water Inlet Flow	L/m	15

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Descriptions	Unit	AQRO S50C
Control & Electric		
Control System	PLC	Siemens
User Control System		7" Touchscreen
Number of Display Language		10
Motor start		Soft Starter Siemens
Nom Current at 400V / 50hz	Amp	76
Fuze Size at 400 V / 50Hz	Amp	100 (80)
Pneumatic, Hydraulic & Cooling Circuit		
Hydraulic Tank Capacity	L	108
Oil Level & Temp Control		Sensor
Oil / Water Heat Exchanger	Plate Cooler	Std
Oil / Air Cooler		Option
Standard Features & Options		
Redundant Intensifier		Option
High Pressure Transducer		Option
Dual Pressure Setting		Std
Proportional Control		Std
Cutting Water Inlet Shut-off Valve		Std
Safety Dump Valve		Std
Adjustable Booster Pump		Std
Oil Drip Pan		Std
Control Cabinet		Std
Electrical Control		Std
Doors / Side Covers		Std
Top Cover		Std
Others		
Labels According to EC - Machinery Directive		CE Mark
Max. Number of Orifice at Max. Pressure		
0,08 / 0,10 / 0,12 / 0,15	mm	16/14/8/6
0,17	mm	4
0,20	mm	3
0,25	mm	2
0,35	mm	1
0,40	mm	1

The following applies to the pumps

Min Pneumatic air supply pressure 5,9 Bar ,Max 6,5 Bar

Cooler water flow 4-20 Liter/min. depending of inlet temperature of cooling water and operator pressure

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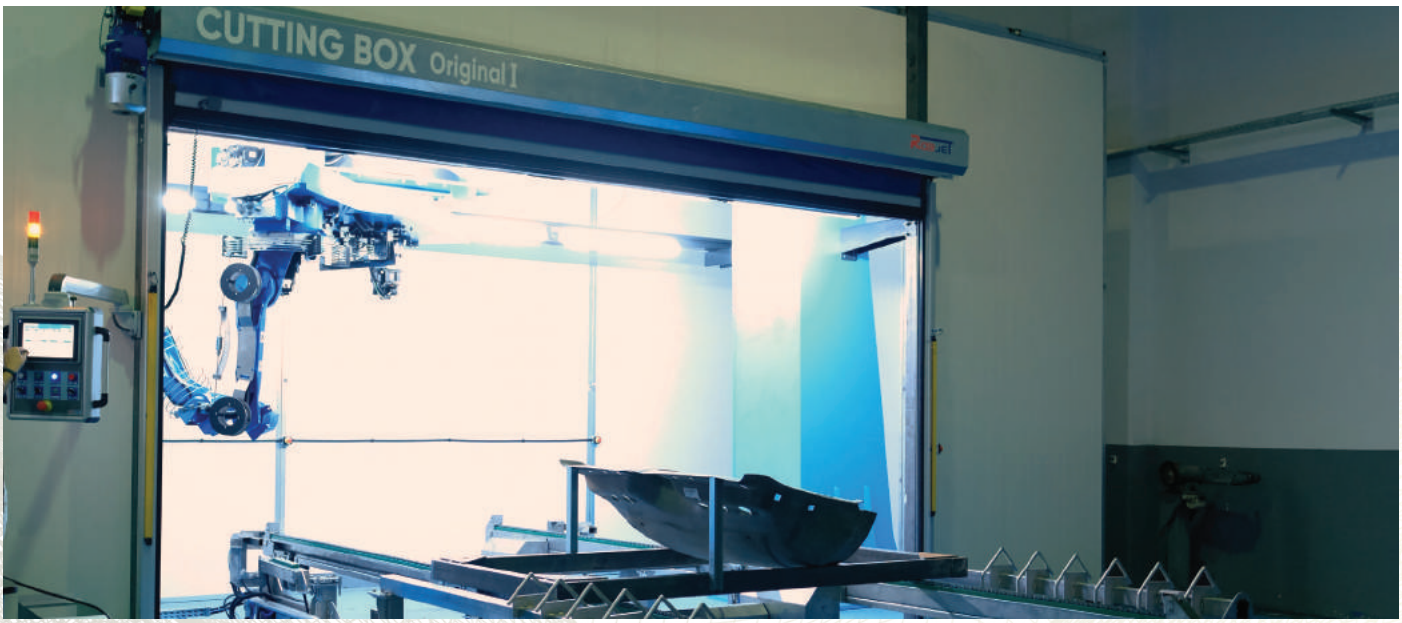
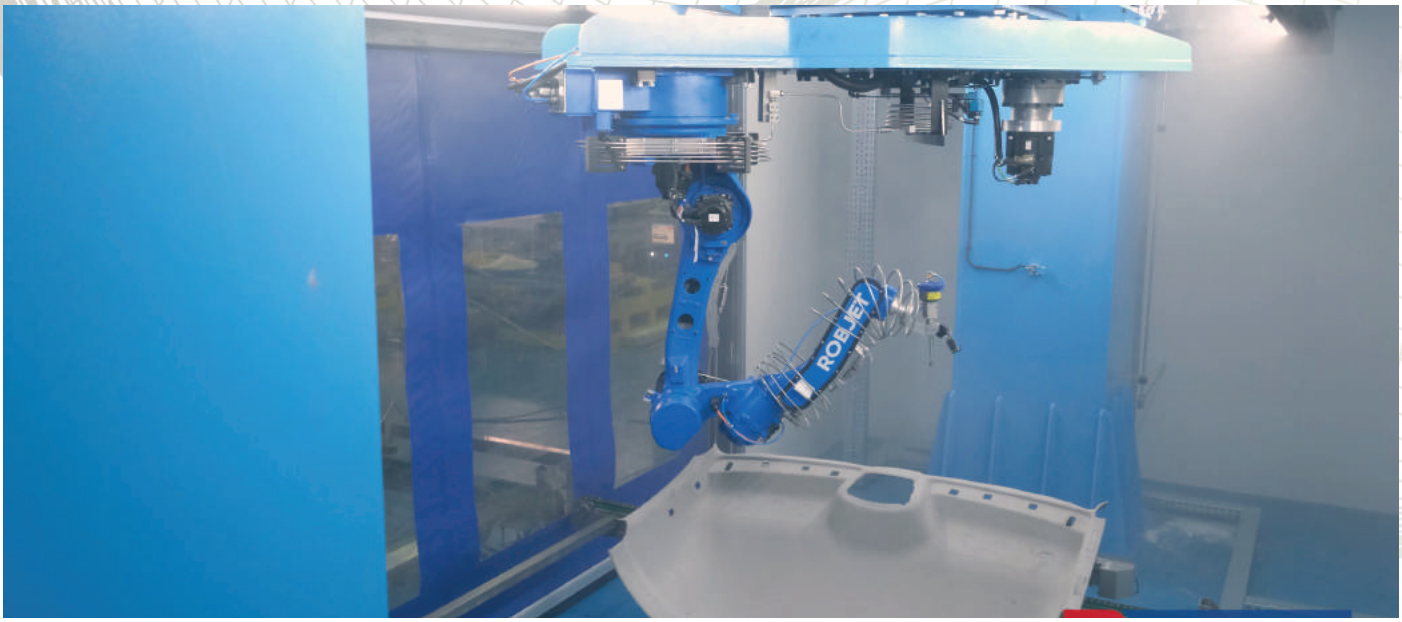
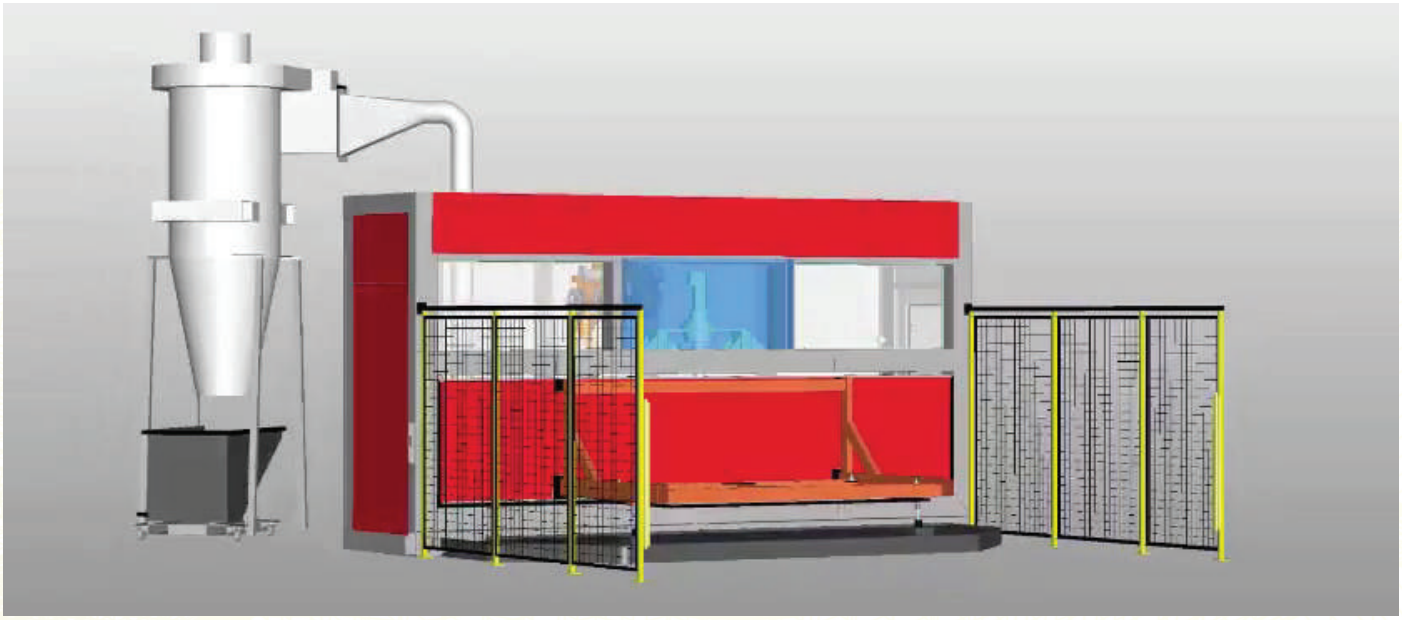
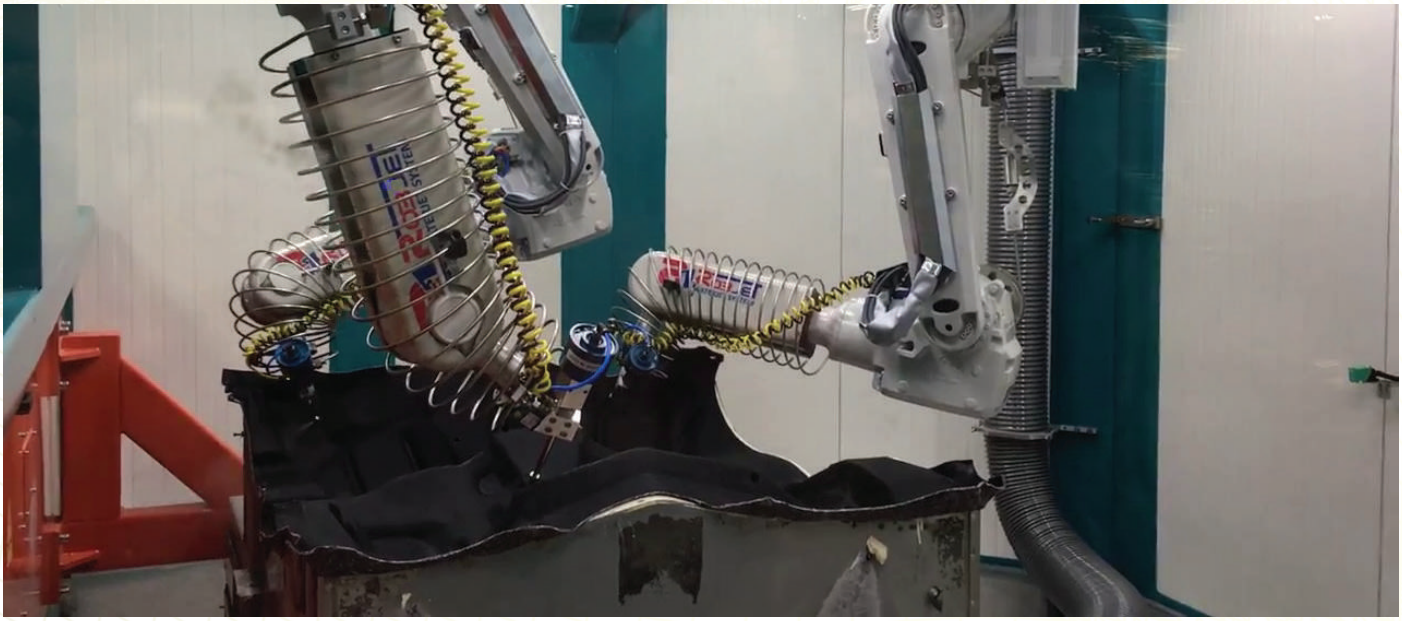
WATERJET CUTTING CELL
WITH 1 ROBOT

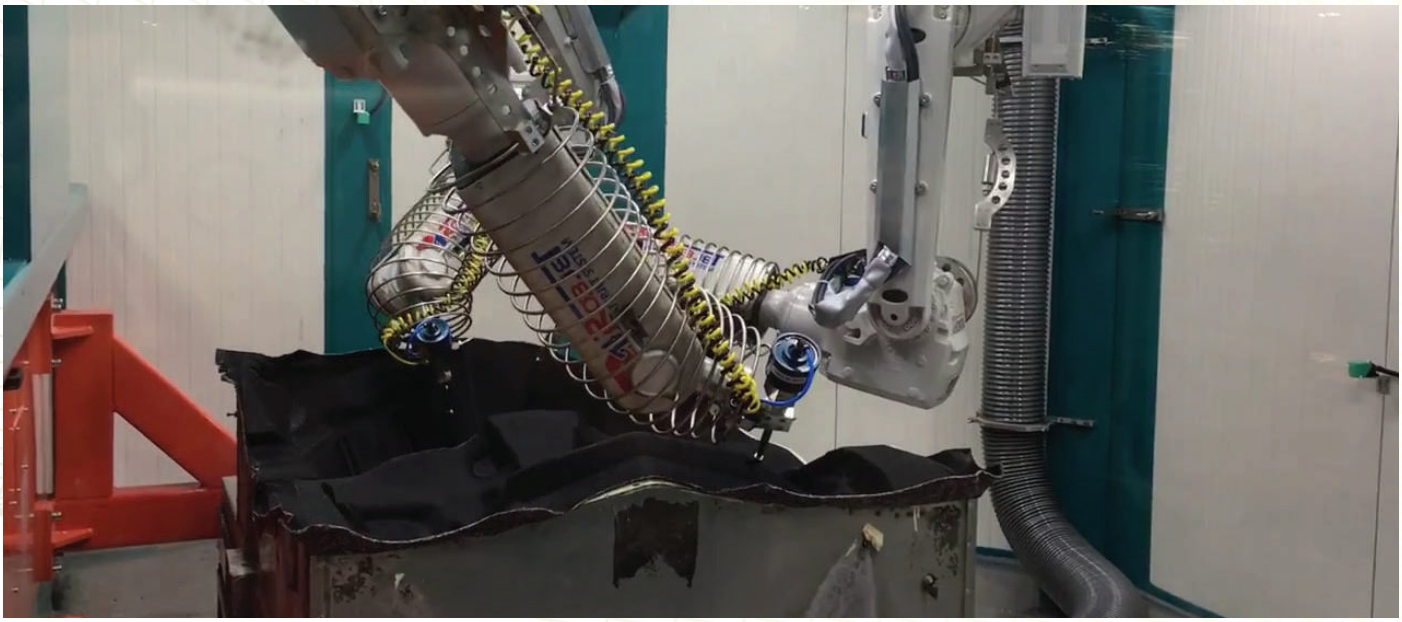




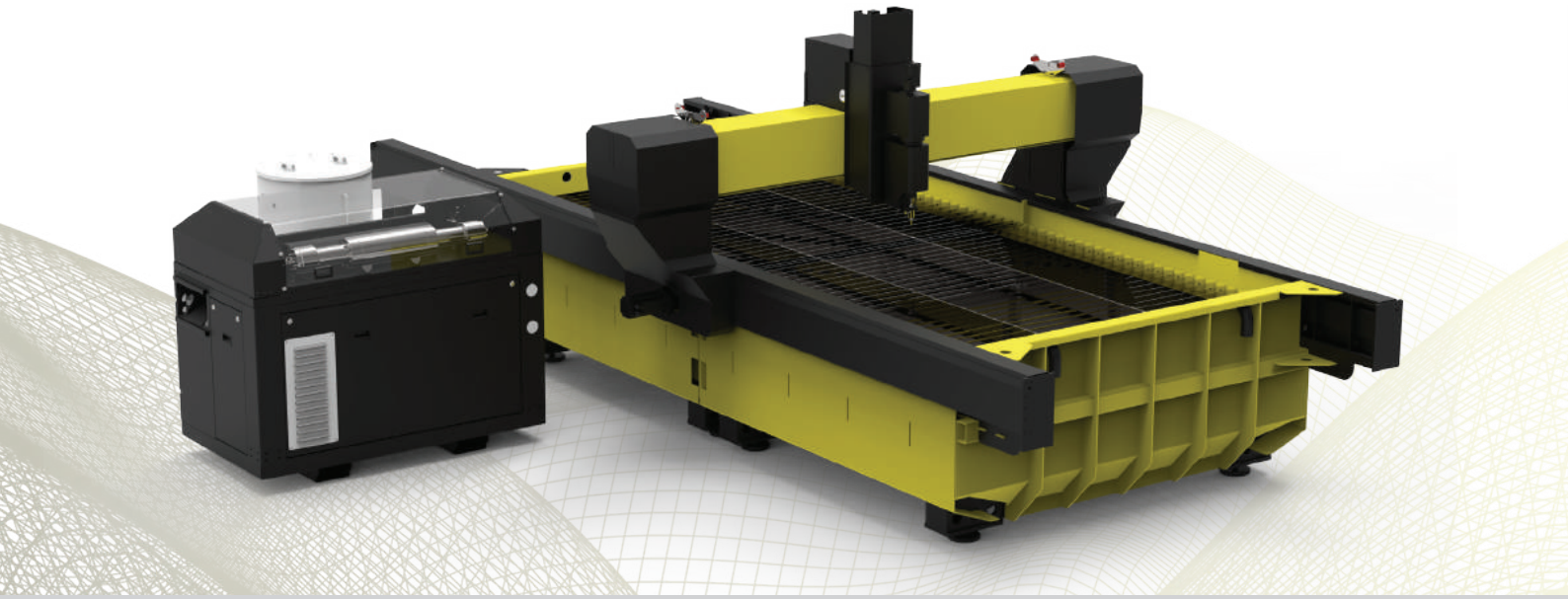
WATERJET CUTTING CELL
WITH 3 ROBOTS

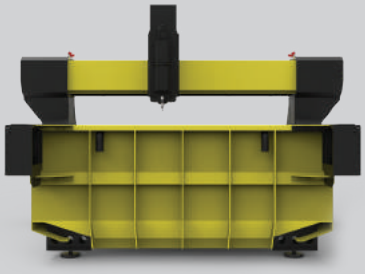


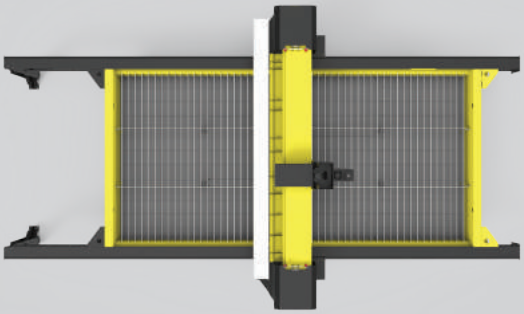


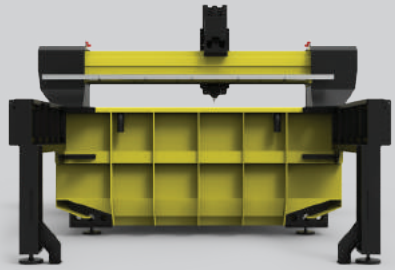


AQRO ELITE PLUS
WATER JET CNC MACHINE









TECNICHAL SPECS.

Descriptions	Quantity
4000 x 2000 CNC 3 Axes Water Jet Machine	1
Gap Tracking System	1
Beckhoff CNC Motion Control System	1
Gearbox -Standard Space <3 - <5 -Reduced Space<1	3
Rack Gear Q5	1
23,8 Inc Monitor	1
Beckhoff Servo Motor	4
Lantec Cam Programs (License)	1
Chiller Water Oil Cooling System	1
50 HP Water Jet Pump	1
Abrasive Hopper Sand Barrel	1
Water Jet Cutting Head	1
Water Purification System	1

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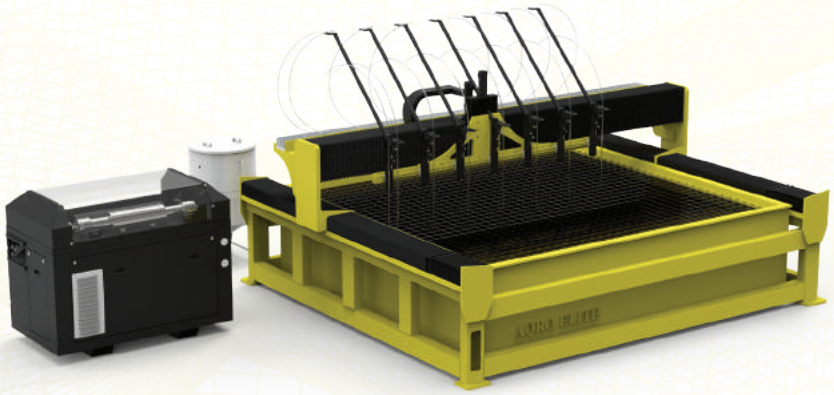
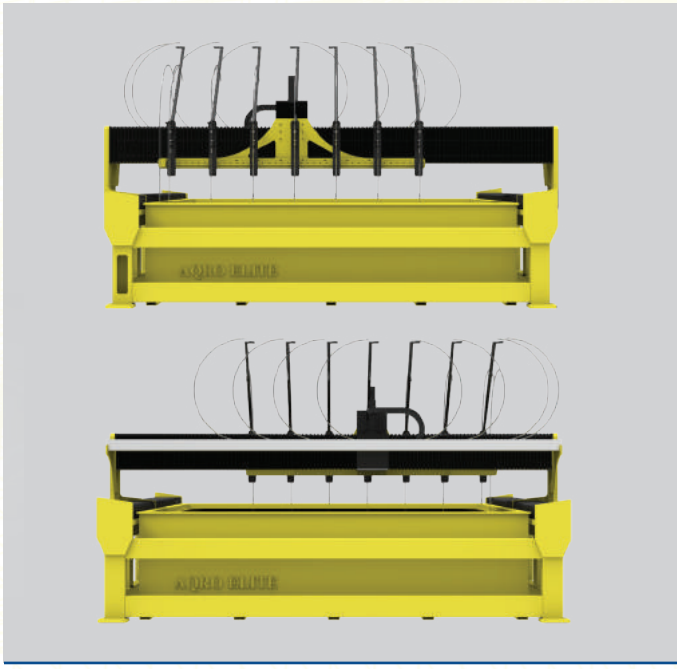
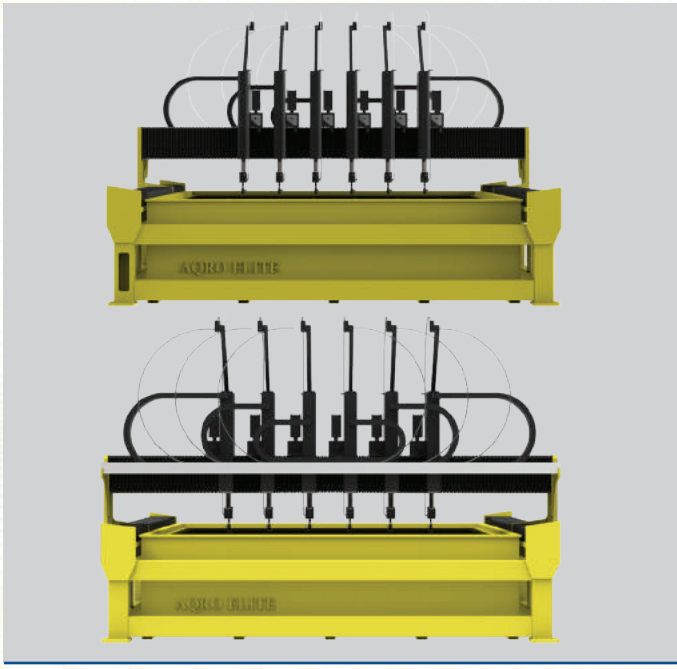
CUSTOM MADE MACHINE DESIGN SAMPLES

AQRO ELITE FLEX HEAD DESIGN
WATER JET CNC MACHINE



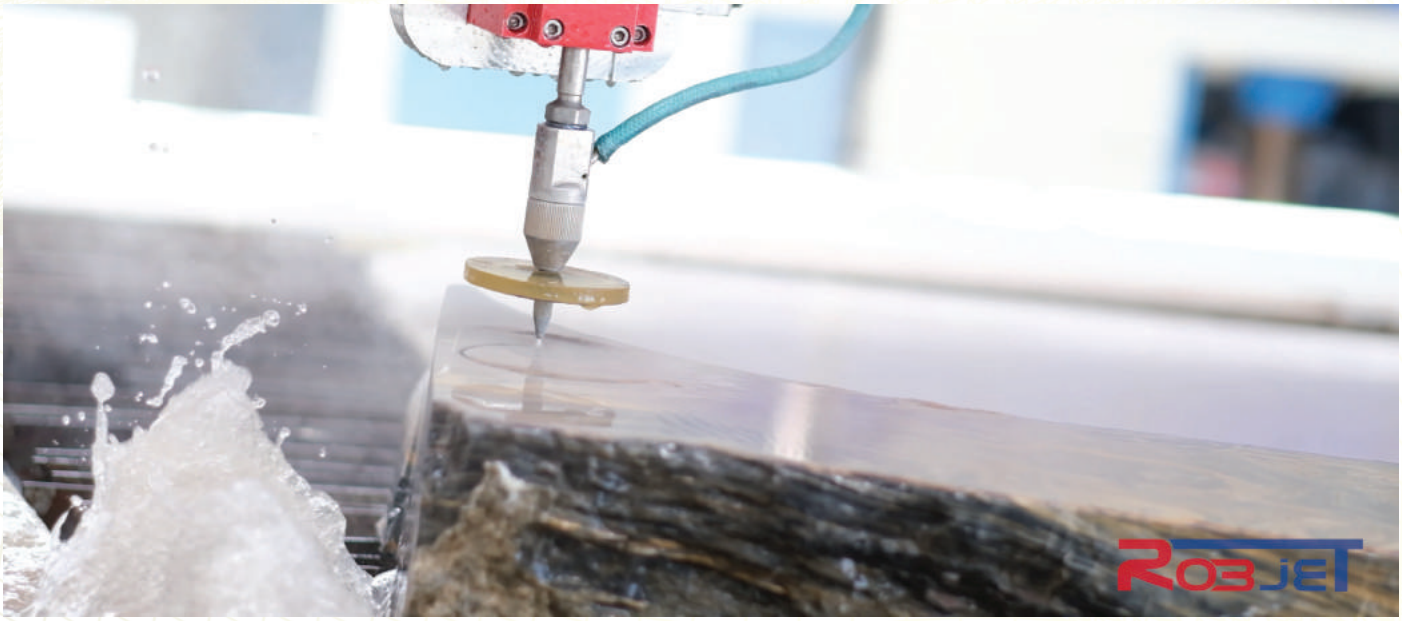


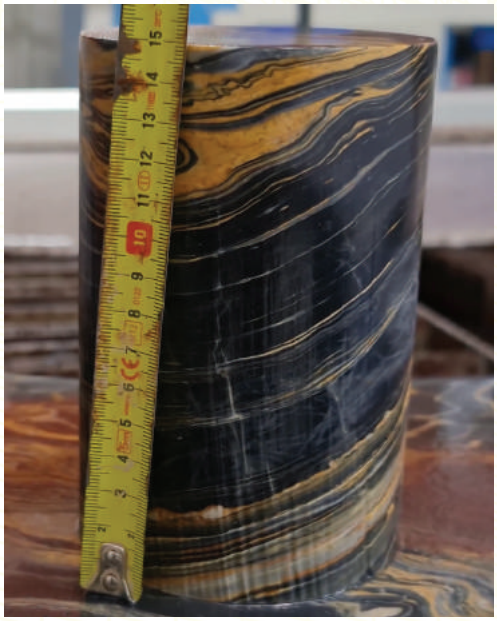
AQRO ELITE MULTI HEAD DESIGN
WATER JET CNC MACHINE



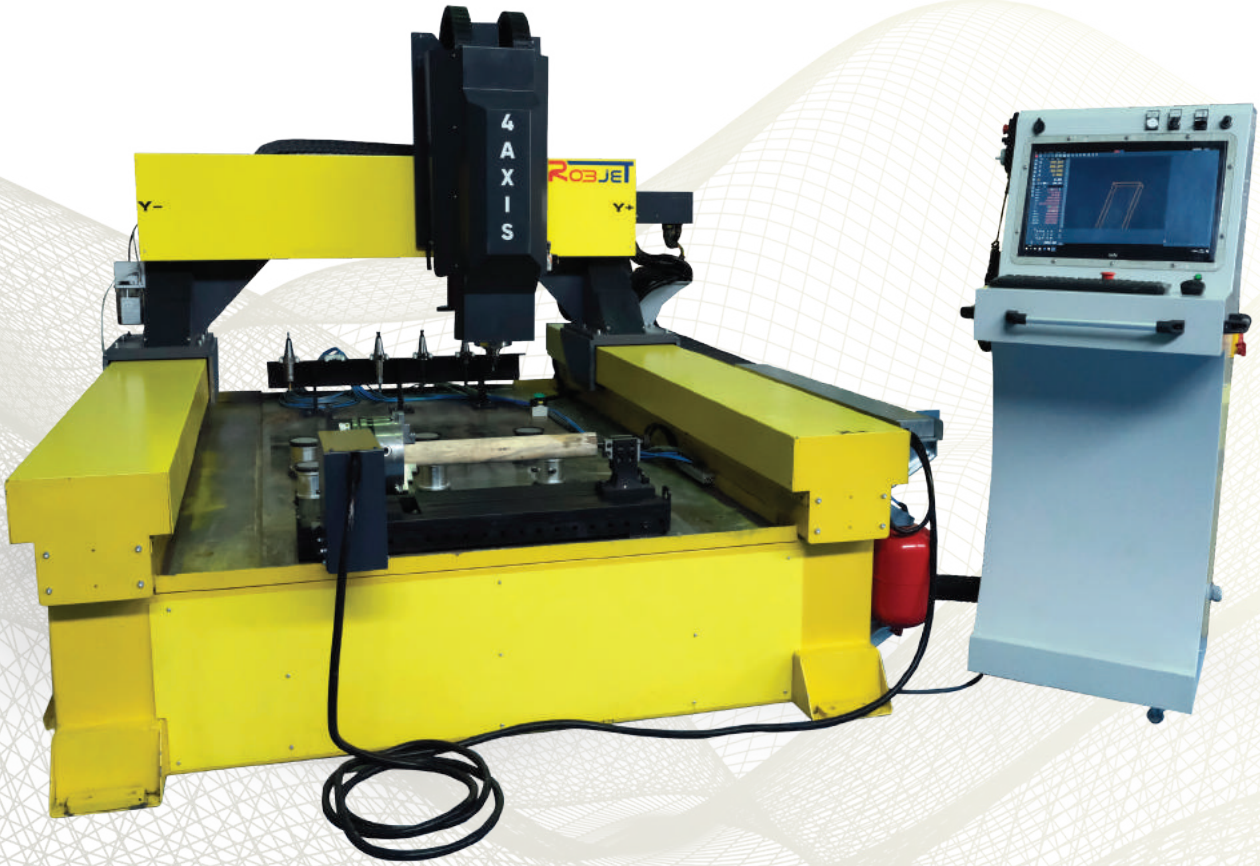
WATERJET CNC

WATERJET CNC





CNC ROUTER FOR 4 AXIS



TECHNICAL SPECS.

Weight	: 3.000 kg
Dimensions	: 255 X 350 X 240 cm
Working Area	: 120 X 240 X 35 cm
Total Power	: 18 Kw
Control Type	: CNC Control Card
Motor Type	: Servo Motor
Water Pressure	: 10 BAR - 50 L / min
Spindle	: 10.000 rpm
User Monitor	: 21 inc

OPTIONS

Automatic Tool Changer
Surface Mapping
Spindle With Water Inside
Vacuum Pads

CNC ROUTER FOR 3 AXIS

TECHNICAL SPECS.

Weight	: 3.000 kg
Dimensions	: 255 X 350 X 240 cm
Working Area	: 120 X 240 X 35 cm
Total Power	: 16,5 Kw
Control Type	: CNC Control Card
Motor Type	: Servo Motor
Water Pressure	: 10 BAR - 50 L / min
Spindle	: 10.000 rpm
User Monitor	: 21 inc

OPTIONS

Automatic Tool Changer
Surface Mapping
Spindle With Water Inside
Vacuum Pads

NOTES

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CONPROMAC
CONCRETE PRODUCT MACHINES

GLOBAL SALES PARTNER