FIND THE RIGHT WATER JET SYSTEM FOR YOUR NEEDS

MACHINE CATEGORY	Single head - 2D & TAC		Multi head - 2D, TAC, BEVEL & 3D		Full 3D	FAWJ Micro
Product	T-MODEL (NCT)	X-SERIES (NCX)	PREMIUM (NCP)	GRAND (NCG)	FIVEX / FIVEX ULTRA (NC5/NC5 ULTRA)	MICRO (NCM)
Machine overview	A complete entry level cutting system fully equipped for 2D abrasive cutting	A fundamental Select model for high performance 2D cutting	Versatile, top of the line cutting systems, from multiple 2D to advanced 5-axis cutting in 3D	Robust, heavy duty waterjet cutting system, for all shapes, and large or odd sizes	Front line technology for advanced free form 3D cutting in different work planes	Ultra-High precision waterjet cutting tool for fine cuts and micro part manufacturing
Motion system	Ballscrew (X & Y)	Ballscrew (X & Y)	Linear Drive (X) Ballscrew (Y)	Linear Drive (X) Ballscrew (Y)	Linear Drive (X) Ballscrew (Y)	Ballscrew (Renishaw Invar Scale)
Linear Positional Accuracy	± 0.05 mm/m ± 0.002”/3’3.37”	± 0.05 mm/m ± 0.002”/3’3.37”	± 0.05 mm/m ± 0.002”/3’3.37”	± 0.05 mm/m ± 0.002”/3’3.37”	± 0.05 mm/m ± 0.002”/3’3.37”	± 0.01 mm/300 mm (20˚C ± 2˚) ± 0.0004”/11.8” (68˚F ±3.6˚)
Repeatability	± 0,025 mm ± 0.001”	± 0,025 mm ± 0.001”	± 0.025 mm/m ± 0.001”	± 0.025 mm/m ± 0.001”	± 0.025 mm ± 0.001”	± 0.008 mm (20˚C ± 2˚) ± 0.0003” (68˚F ±3.6˚)
Table size	2 x 3 m / 6’7” x 9’10” 2 x 6 m / 6’7” x 19’8”	1 x 1 m / 3’3” x 3’3” 2 x 1 m / 6’7” x 3’3” 3 x 1.5 m / 9’10” x 4’11” 3 x 2 m / 9’10” x 6’7” 4 x 2 m / 13’1” x 6’7”	3 x 1.5 / 9’10” x 4’11” 3 x 2 / 9’10 x 6’7” 4 x 2 m / 13’1” x 6’7”	Variable: Standard widths 3-6 m / 9’10”-19’8” Standard lengths 3-12 m / 9’10.11”-39’4.44”	Machine design and size based on customer requirements. Standard widths 3-6 m / 9’10”-19’8” Standard lengths 2-6 m / 6’6.74”-9’8.22”	1 x 1 meter 3’3” x 3’3” (custom table design)
Cutting Heads	Single Head 2D Cutting Tool Alphajet TVL Cutting Tool	Single Head 2D Cutting Tool Alphajet TVL Cutting Tool	Single Head Multi Head Beam Multi Head CNC (1-6) 2D Cutting Tool Alphajet TVL Cutting Tool Beveljet 60 (five-axis)	Single Head Multi Head Beam Multi Head CNC (1-6) 2D Cutting Tool Alphajet TVL Cutting Tool Beveljet 60 (five-axis)	Single Head WJS 5AX Cutting Tool WJS 5AX Ultra Cutting Tool	Single Head 2D Cutting Tool Alphajet TVL Cutting Tool
Cutting Process	Pure Waterjet Abrasive Waterjet Fine Abrasive Waterjet	Pure Waterjet Abrasive Waterjet Fine Abrasive Waterjet	Pure Waterjet Abrasive Waterjet Fine Abrasive Waterjet	Pure Waterjet Abrasive Waterjet Fine Abrasive Waterjet	Abrasive Waterjet Fine Abrasive Waterjet (Ultra)	Fine Abrasive Waterjet
Z-stroke	200 mm 7.87”	250 mm 9.85”	250 mm 9.85”	250 mm 9.85”	750/1000/1500 mm 29.53”/39.37”/59.05”	100 mm 3.94”
Pump Options	KMT 4000-6000 bar BFT 4000-6000 bar Hammelman 4000 bar	KMT 4000-6000 bar BFT 4000-6000 bar Hammelman 4000 bar	KMT 4000-6000 bar BFT 4000-6000 bar Hammelman 4000 bar	KMT 4000-6000 bar BFT 4000-6000 bar Hammelman 4000 bar	KMT 4000-6000 bar BFT 4000-6000 bar Hammelman 4000 bar	KMT 4000 bar BFT 4000 bar
Control System	Panel One (Fanuc CNC, Edgecut 3 HMI)	Panel One (Fanuc CNC, Edgecut 3 HMI)	Panel One (Fanuc CNC, Edgecut 3 HMI)	Panel One (Fanuc CNC, Edgecut 3 HMI)	Panel One (Fanuc CNC, Edgecut 3 HMI)	Panel One (Fanuc CNC, Edgecut 3 HMI)
CAD/CAM	IGEMS	IGEMS	IGEMS/IGEMS 3D5X	IGEMS/IGEMS 3D5X	IGEMS 3D5X	IGEMS
Warranty	12-month standard warranty 5-year performance warranty	12-month standard warranty 5-year performance warranty	12-month standard warranty 5-year performance warranty	12-month standard warranty 5-year performance warranty	12-month standard warranty 5-year performance warranty	12-month standard warranty 5-year performance warranty
Origin	Made in Sweden	Made in Sweden	Made in Sweden	Made in Sweden	Made in Sweden	Made in Sweden

Devoted to performance

WJS
WATER JET SWEDEN