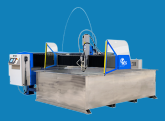
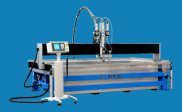
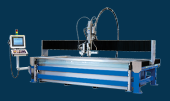
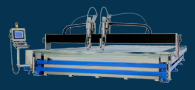
Devoted to performance

WJS WATER JET SWEDEN

	Standard		Select			Micro
						
	T-Model (NCT)	**H-model (NCH)**	**X-series (NCX)**	**Premium & Grand (NCP / NCG)**	**FiveX (NC5)**	**Mirco (NCM)**
Machine overview	Entry level waterjet cutting machines with all key tools and accessories.	In house waterjet cutting machine with all key tools and accessories.	Professional workstation designed for specific customer needs	Versatile waterjet cutting machine tools designed for specific customer needs	Advanced waterjet cutting solutions for free form abrasive waterjet 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)	Ballscrew (X & Y)	Linear Drive (X) Ballscrew (Y)	Linear Drive (X) Ballscrew (Y)	Renishaw Invar Scale (X), Ballscrew (Y)
Linear Positional Accuracy	± 0.08 mm/m	± 0.05 mm/m	± 0.05 mm/m	± 0.05 mm/m	± 0.05 mm/m	± 0.01 mm/300 mm (20° C ± 2°)
Repeatability	± 0,05 mm	± 0,025 mm	± 0,025 mm	± 0,025 mm	± 0,025 mm	± 0.008 mm (20° C ± 2°)
Table size	2 x 3 m 2 x 6 m	1 x 1 m 2 x 1 m 3 x 1,5 m	1 x 1 m 2 x 1 m 3 x 1,.5 m 3 x 2 m 4 x 2 m	Premium (3x1,5, 3x2, 4x2 m) Grand variable table size: standard width 2,5-6 m, standard length 3-12 m.	Machine design and size based on customer requirements. Standard width 2,5-4 m, standard length 2-6 m.	1 x 1 meter (custom table design)
Cutting Heads	Single Head 2D Cutting Tool PWJ AWJ	Single / Twin Head 2D Cutting Tool Beam PWJ AWJ	Single / Twin Head 2D Cutting Tool Beam PWJ AWJ FAWJ	Single Head Multi Head Beam Multi Head CNC 2D cutting tools Beveljet 60 five-axis PWJ / AWJ / FAWJ	Single Head WJS 3D Cutting Tool	
Z-travel	200 mm	250 mm	250 mm	250 mm	≥ 1000 mm	100 mm
Pump Options	KMT and BFT 4000 – 6000 BAR	KMT and BFT 4000 – 6000 BAR	KMT and BFT 4000 – 6000 BAR	KMT and BFT 4000 – 6000 BAR	KMT and BFT 4000 – 6000 BAR	KMT and BFT 4000 – 6000 BAR
Control System	Fanuc CNC WJS CNC HMI ROS PC Software	Fanuc CNC WJS CNC HMI ROS PC Software	Fanuc CNC Panel One HMI	Fanuc CNC Panel One HMI	Fanuc CNC Panel One HMI	Fanuc CNC Panel One HMI
CAD/CAM	IGEMS	IGEMS	IGEMS	IGEMS Lantek	IGEMS Mastsercam	IGEMS Lantek
Warranties	12-month general warranty 5-year performance warranty	12-month general warranty 5-year performance warranty	12-month general warranty 5-year performance warranty	12-month general warranty 5-year performance warranty	12-month general warranty 5-year performance warranty	12-month general warranty 5-year performance warranty
Origin	Made in Sweden	Made in Sweden	Made in Sweden	Made in Sweden	Made in Sweden	Made in Sweden