

WATER JET SWEDEN PRODUCT RANGE COMPARISON

Machine Category	STANDARD		SELECT			MICRO
Product	 T-MODEL (NCT)	 H-MODEL (NCH)	 X-SERIES (NCX)	 PREMIUM & GRAND (NCP/NCG)	 FIVEX (NC5)	 MICRO (NCM)
Machine overview	A complete entry level cutting tool fully equipped for 2D abrasive cutting	A straight forward water jet system for full time 2D abrasive cutting	A fundamental Select model for high performance 2D cutting	A versatile, top of the line cutting system, in all sizes, from 2D to advanced five axis cutting in 3D	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)	Ballscrew (X & Y)	Linear Drive (X) Ballscrew (Y)	Linear Drive (X) Ballscrew (Y)	Ballscrew/Renishaw Invar Scale
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 sizes: 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	Single / Twin Head 2D Cutting Tool	Single / Twin Head 2D Cutting Tool	Single Head Multi Head Beam Multi Head CNC 2D Cutting Tool Beveljet 60 (five-axis)	Single Head WJS 3D Cutting Tool	Single Head 2D Micro 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 (NCP)	Abrasive Waterjet	Fine Abrasive Waterjet
Z-travel	200 mm	250 mm	250 mm	250 mm	≥ 1500 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 BAR
Control System	Fanuc CNC WJS Touch Screen HMI ROS PC Software	Fanuc CNC WJS Touch Screen 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 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