

Straight forward 2D high quality cutting system

The X-series machines are straight forward 2D cutting systems. The systems are based on WJS high-end technology and quality standards to ensure long lifetime and continuous machine performance.

The X-series machines have all the basic features you need for quality 2D waterjet cutting, for both 4000 and 6000 bar system technology. There are also a number of optional functions available for improved operations. The X-series machine has a single Z-movement, includes the Fanuc Oi-system, and is built with the same quality table frame as the Premium models.

TECHNICAL DATA

Construction: Gantry machine (WJS worldwide patented guide system)
 Frame: Welded
 Cutting Table: Stainless Steel
 Motion System: Ballscrew
 Control Unit: PanelOne Operator HMI
 CNC-system: FANUC Oi
 Process: PWJ and AWJ (FAWJ compatible)

PERFORMANCE

Maximum Z-movement: 250 mm
 Maximum Table load: 1200 kg/m²
 Positioning accuracy: ± 0.050 mm/m
 Repetition accuracy: ± 0.025 mm

OPTIONS

Machine accessories and functions:

- Second abrasive cutting head (beam)
- Drilling unit
- Zero Point Indicator
- Workpiece Indicator System (probe function)
- Height sensor
- Collision sensor
- Unmanned operations functions
- Quick clamping
- Stainless steel covers
- Waste and water handling systems
- Online or manual abrasive feeding system
- Integrated control of abrasive level, blockage and pressure
- Remote control of HP pump in HMI
- Pressure monitoring of HP pump in HMI

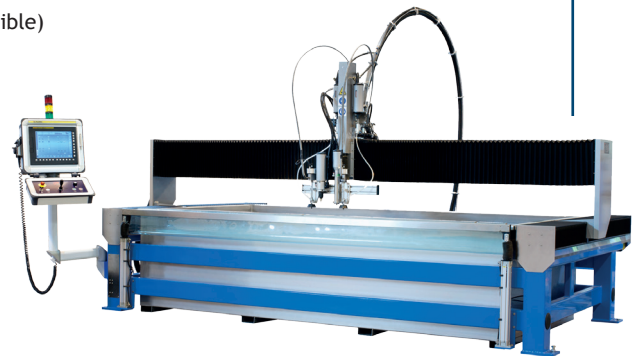


TABLE SIZE (MM)

MODEL	NCX 10	NCX 20	NCX 30	NCX 40
Width	1200	2200	3200	4200
Length L1	1225	1225	-	-
Length L2	-	-	1705	-
Length L3	-	-	2275	2275
Number of Z	1	1	1	1

General Water Jet Sweden benefits

Designed to meet your specific needs

We offer machine system solutions based on an extensive range of product categories and families, but all machines are actually designed to meet specific customer needs. Each machine will consequently be considered a unique project.

World class CNC systems



To secure high performance, all Water Jet Sweden machines have FANUC CNC systems. Best reliability and availability in the world.

Fast and reliable CNC systems with worldwide support.

Five Years Performance Warranty



We guarantee a brand new machine performance after 5 years of duty - a warranty extension made possible by a unique design. Thanks to the robust mechanical design and the patented guiding system, we can ensure reliable machine performance over an extensive life span. Due to this fact, we can also offer a performance warranty spanning over 5 years or 10 000 hours of operation!



Turn-key Delivery and Performance Testing

All machines are thoroughly tested before delivery, with advanced testing equipment from Renishaw. We use both AS XL-80 Laser for static laser measurements and Q-10 Ballbar dynamic performance for accuracy and repetition. Our turn-key delivery always includes installation, training and performance verification to secure customer operation.

PanelOne® HMI

All Select and Special machines have a specific operator panel designed according to industry standards. PanelOne is an easy-to-learn, simple-to-use machine control unit, developed specifically for water jet cutting. To increase efficiency, the panel has a touch screen with a number of time-saving functions and a uncomplicated operator desk with a joystick and the key functions.

Lifetime Support by Waterjet Specialists



The WJS service team is highly specialized within the field of water jet cutting. They are rightfully appreciated for fast, efficient support, online trouble-shooting and a high degree of personal commitment. Via our hotline support, our technical expertise is available on a 24/7 basis - and we always ship your spare parts on the very same day you order them!

CERTIFICATE



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Devoted to
performance

