

CNC Waterjet Cutting Machines

FY-WJ01 is a cantilever waterjet table with a separate CNC console. Start with the material, drawing and required edge, then review the cutting setup and workpiece handling. Use these decisions to define the cutting package, working area and handling plan for the application.



FY-WJ01 product visualization based on the catalogue reference.

THREE DECISIONS BEFORE YOU SHORTLIST

01 Define the material and edge

Send the exact material, thickness, geometry and edge requirement. Published application groups are starting points; suitability must be reviewed for the actual part and the proposed cutting setup.

02 Review the cutting package

Confirm the pump, cutting head and any abrasive-feed arrangement required by the job. Agree the included process components, utility requirements and application targets in the quoted configuration.

03 Fit the job to the workshop

Check workpiece size, support and loading, alongside the required working area. Review electricity, water arrangements, operator access and expected output before fixing the project configuration.

Review six FY-WJ01 project decisions

OPTION / PLATFORM	WHEN TO SHORTLIST	CONFIRM BEFORE ORDERING
Material and edge	Use the exact material and required edge to define the application review.	Grade, finish, thickness, contour and whether representative sample processing is required.
Working area	Select usable travel around normal workpieces and the required part layout.	Final usable work area, loading space and operating clearances shown in the configuration drawing.
Pump and cutting head	Match the process package to the material and required result.	Quoted pump, head, operating requirements and any application-specific components.
Abrasive-feed arrangement	Review whether the selected process requires an abrasive-feed configuration.	Included equipment, consumable requirements and the responsibilities for preparing the setup.
Support and handling	Plan stable workpiece support and practical loading at the table.	Workpiece geometry, lifting/access constraints, support layout and finished-part removal.
Water, utilities and control	Coordinate site arrangements with the selected machine and processing setup.	Water arrangements, electricity, separate console position, operator access and project supply scope.

Build a complete FY-WJ01 configuration

Review the working area, workpiece support and cutting package together. A suitable layout must accommodate loading, cutting and finished-part removal for the intended application.

Agree the supplied equipment

Use the product visualization to discuss the layout. Confirm the pump, head, any abrasive equipment, protective arrangements and utility connections in the approved drawing and supply list.

Prepare a useful application brief

Material and thickness

Specify the exact material, grade, thickness and surface condition. Add representative samples where suitability or the required edge needs to be reviewed before quotation.

Drawing and part geometry

Provide drawings, overall part dimensions, openings and contour details. State the file format and identify critical features that affect the proposed cutting setup.

Edge and acceptance

Describe the required edge finish and dimensional acceptance with sample expectations. Avoid relying only on material names or appearance in an illustrative product image.

Work area and support

Record the normal workpiece envelope, loading method and support needs. Ask for the usable work area and clearances in the final configuration drawing.

Utilities and process package

Describe electricity and water arrangements. Confirm the pump, cutting head, any abrasive equipment and which preparation, consumables or connections belong in the supply scope.

Output and project scope

State expected output, batch pattern, installation space and destination. Agree component details, sample review, handling responsibilities and final quotation boundaries before approving the project.

A PRACTICAL ROUTE TO A CONFIRMED CONFIGURATION

01 Share

Submit the material, thickness, drawing and required edge, identifying the project as an FY-WJ01 application.

02 Review

Assess the cutting setup, usable work area, part support and site utilities as one configuration.

03 Check

Review representative sample expectations and agree how the proposed process will demonstrate the required result.

04 Confirm

Approve the configuration drawing, components, included accessories and delivery responsibilities before placing the order.

Confirm pressure, power, working area, cutting thickness and accuracy against the application review and quoted configuration. The product visualization supports layout discussion; final dimensions, components and performance belong in the approved drawing and quotation.

OFFICIAL REFERENCES

1. FY-WJ01 current product page
2. CNC process comparison
3. Current download library