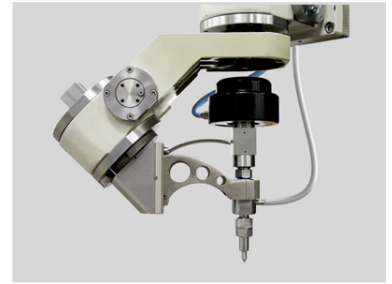


Five-Axis CNC Waterjet Cutting System

The five-axis CNC waterjet cutting system is engineered for precision cutting across various materials. Its multi-axis articulated arm enables complex 3D cutting, while ultra-high pressure waterjet technology ensures clean cuts and minimal waste.



Overview

Advanced Five-Axis CNC Waterjet Cutting

This five-axis CNC waterjet cutting system offers advanced 2D and 3D dynamic cutting capabilities, solving traditional angle limitations with tilt angles ranging from 0° to 90°. Built on a robust gantry platform, it ensures high-precision processing for complex geometries including oblique, conical, and rotating surfaces. It is an ideal solution for demanding industries such as aerospace, automotive, and rail transportation.

Performance & Precision

Precision Metrics

0.1 mm

Line Positioning Accuracy

0.1 °

Angular Positioning Accuracy

Cutting Tilt Angle

0° to 90°

Technical Components

Control & Drive Technology

- ESA CNC System
- Yaskawa Servo Drive Technology
- Dedicated 2D/3D cutting software

Machining Capabilities

Surface Type	Operation
Oblique/Vertical	Cutting
Conical/Circular	Machining
Rotating	Surface Finishing
Groove/Chamfer	Edge Preparation

Industry Applications

Target Industries

Machinery Manufacturing, Aerospace, Rail Transportation, Automotive, Composites Materials