

# MID RAIL GANTRY WATERJET SYSTEM



The Mid Rail Gantry waterjet system is available in a wide range of sizes, from 5'x5' (1500 mm x 1500 mm) to 24'x13' (7300 mm x 3900 mm).

Capable of cutting complex parts from virtually any material, this workhorse water jet system is designed to provide years of dependable service in harsh industrial environments. Its sturdy design separates the motion system from the catcher tank, eliminating vibration and ensuring maximum part quality. The Mid Rail Gantry supports multiple cutting heads and can be powered by any Jet Edge waterjet pump.

The Mid Rail Gantry utilizes the Aquavision® Di industrial PC controller. It is ball-screw driven for optimal precision and features direct-couple AC brushless digital servo motors and single or double carriages. Critical bearing components are protected with heavy metal covers with brush seals and positive air pressure.

Optional mirroring capabilities make it possible to cut part cycle time in half.

- Industry Leading Precision and Accuracy!  
+/- 0.001" Linear positional accuracy (over 12") - per axis  
+/- 0.001" Repeatability (bi-directional)
- Sturdy design ensures lasting precision.
- Motion system separated from the catcher tank, eliminating vibration and ensuring maximum part quality.
- Motion components are protected by metal covers with brush seals versus bellows that can puncture or tear.
- 300 IPM contouring and 500 IPM rapid positioning (460V)
- Accurate and predictable return to path
- Easy to load with a forklift or crane.
- Cuts virtually anything!
- Optional mirroring - cuts part cycle time in half!