

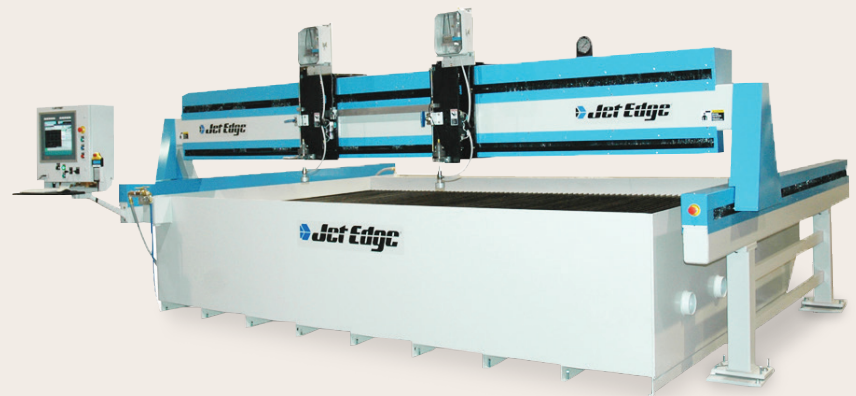
EDGE X-3

MID RAIL GANTRY WATERJET WITH AQUAVISION DI CONTROLLER

The Edge X-3 Mid Rail Gantry 3-axis motion system is the no-nonsense workhorse of the Jet Edge line. With 3-axis cutting capabilities, the gantry supports multiple cutting heads across a range of custom and standard table sizes. This motion system paired with a Jet Edge UHP Pump works across industries and is capable of cutting complex parts from virtually any material.

MID RAIL GANTRY AT A GLANCE:

- Isolated motion system for accuracy
- Adjustable pre-loaded anti-backlash recirculating ball screws
- Linear bearings, hardened precision ground ways
- Protected critical bearing components with labyrinth seals and positive air pressure
- Direct-couple, AC brushless servo motors with absolute encoders
- Dual synchronized y-axis drive system
- Technical service and free lifetime factory training



CONTROLS/ACCURACY

- Aquavision DI fully-networkable, industrial PC controller
- Full visibility and access to machine code
- Digital readout for multi-head positioning
- Full-featured hand-held pendant
- Precision ball screws directly coupled to servo motors
- ±0.001" linear positional accuracy over 12" (304 mm) per axis
- ±0.001" repeatability (bidirectional)
- ±0.003" renishaw ballbar tests of squareness and straightness over 24" (608 mm)
- Factory set ranges of 500–750 IPM rapid positioning based upon application
- Motorized or servo motor driven 12" (304 mm) vertical travel height control
- Programmable secondary Z carriage, servo motor driven 12" (304 mm) height
- Optional 18" and 24" Z carriage vertical travel
- High pressure water monitor and abrasive delivery monitor

WARRANTY

- 1-year or 2,000-hour warranty
- Extended warranties available
- Lifetime product training
- Optional advanced control package

CONFIGURATION OPTIONS

- Multiple cutting heads can be mounted to increase productivity
- Additional heads for slitting and secondary operations
- Laser surface mapping
- Contact height sensor
- CAD/CAM nesting software
- Lights-out cutting package for unattended operation
- Noise reduction and underwater cutting options
- Stainless steel catcher tank and slat kits
- Splash shields
- Light curtains
- Shuttle systems and conveyors for material load/unload

SIDE	CROSS BEAMS		
5'	5'	8'	13'
8'	5'	8'	13'
13'	5'	8'	13'
21'	5'	8'	13'
24'	5'	8'	13'

CUSTOM TABLE SIZES AVAILABLE

BUILT WITH RUGGED CONSTRUCTION

TO WITHSTAND THE TEST OF TIME



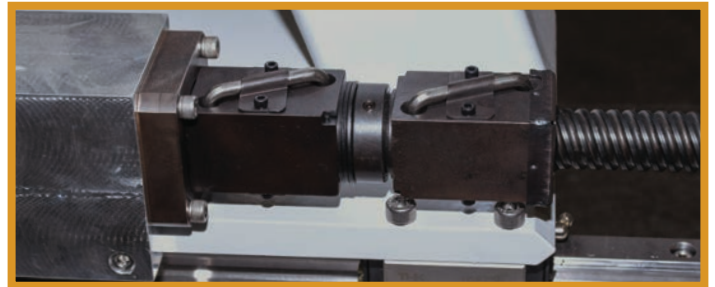
AQUAVISION DI MOTION CONTROLLER



PENDANT CONTROLLER



“HEAVY DUTY” LINEAR BEARING



ADJUSTABLE BALL SCREW NUT



SEALS WITH POSITIVE PRESSURE BLOWER

