

WHS Waterjet Systems



**Precision SKF Hard Chromed
Linear Guides**



**Helical Rack
For Smooth Motion**



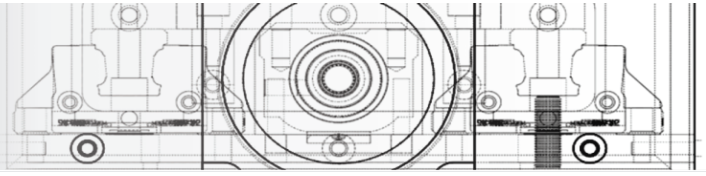
Digital Motion Control



System Features

- ▶ Virtually Dry Cutting Technology
- ▶ Positioning Speeds To 3000 IPM
- ▶ Positioning Accuracy: +/- .004"
- ▶ Cutting Envelope: To 48" x 60"
- ▶ Advanced PC/CNC Control
- ▶ Precision Digital Motion System
- ▶ Fully Enclosed Operation
- ▶ Interlocked Access To Cutting Area





System Features

- Virtually Dry Cutting Technology
- Dual Drive Gantry
- Precision Square Linear Bearings
- Armoloy Chromed Linear Rails
- Helical Rack Motion System
- Digital AC Drives
- Brushless Servo Motors
- Stainless Cutting Surface
- Stainless Water Capture System
- Fully Enclosed Cutting With Interlocked Access

Specifications

- Cutting Envelope: To 48" x 60"
- Positioning Accuracy: +/- 0.004"
- Repeatability: +/- 0.002"
- Motion Speed: To 3000 IPM

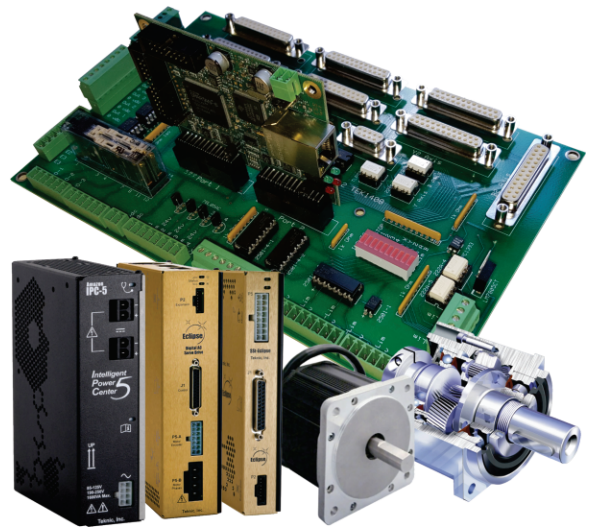
High Pressure Pumps

- | Advanced Hydraulic Intensifier
- | 60,000 PSI Continuous Rated Output
- | Innovative Piston Design Minimizes Seal Wear
- | Screwless, Easy Maintenance Poppet Design
- | Solid State PLC Monitored Electronic Shift
- | Non Threaded, Easy Maintenance HP Cylinders
- | Made In USA



Controller / Servo Motion

- Intuitive Graphical Operator Interface
- Built In Machine Diagnostics
- Standard G-Code Operation
- Full Cut Path Retrace
- Opto-isolated Components
- Digital I/O With LED I/O Indicators
- Ethernet Communications
- Dynamic Servo Drive Tuning And Monitoring
- Encoder Output To 16,000 Counts Per Rev.
- 35 Microsecond Servo Response
- Speed Independent Torque Response
- Adaptive Inertia Matching Technology
- Made In USA



Options

- Custom Cutting Envelopes
- Range Of High Pressure Pump Sizes
- Tangentially Controlled Bevel Cutting
- Job Posting & Setup Software

