

FLOW INTERNATIONAL MACH 4C 4030 - BRAND NAME ONLY

- Mach 4C 4030 Abrasive Waterjet Cutting System
 - 13'1" x 10' x 1'Z (4m x 3m) cutting envelope
 - 1400 IPM speed range with +/- 0.001" accuracy
 - Rigid gantry design
 - Heavy duty cast steel base and fabricated bridge
 - Roll around control for easy operation
 - Exclusive Nexen RPS drive system
- Modular Material Support System
- Ebbco Garnet Removal System
- FlowMaster Intelligent Control System - Windows based
 - FlowDesign CAD/CAM system
 - Built-in CAD functions & automatic tool path generation
 - Import DXF, IGS, DWG, G Code
 - FlowCUT machine interface
 - Simply choose material and thickness and software does the rest
 - Allows for off-line time studies and creates quotations
 - FlowNEST - optimizes material yield with full geometric nesting
 - Ethernet network and USB drive compatible
- Flow Hyplex Hybrid 30HP Pump – 60,000PSI
 - ASME U3 high pressure vessel safety certification
 - Operates at higher pressures for faster more efficient cutting
 - Quiet and efficient - uses no cooling water
 - Uses the latest Hyperjet seal technology – single carrier design
 - Hydraulic loading tool included for quick and easy maintenance
 - Patented PacV pressure control valve provides variable pressure control and ability to run with water only or smaller abrasive jet orifices used in intricate cutting
 - Built-in inlet water filtration
 - Solid state motor starter with pad-lockable disconnect
- Flow Dynamic Waterjet (automatic taper compensation through 5 axis motion)
 - Virtually eliminates taper in cut parts at any cut speed
 - Cuts 50-300% faster than conventional waterjet at same or better tolerance
 - Expands the capabilities of the abrasive waterjet process – cut to accuracies impossible with conventional WJ
 - FlowMaster software automatically articulates head up to 10 degrees as required to eliminate taper with no additional programming required by the operator
 - Three axis (XY and Z) programming capability
 - Automatic height sensing

- Flow Paser ECL Abrasivejet Cutting System
 - 2200lb abrasive feed system with integrated low/out sensors tied back to controller for constant feedback
 - Paser diamond orifice included
- Water only cutting head for soft materials such as gaskets and foam

- Full System Installation and On-Site Familiarization Training
- Comprehensive Training at Flow's Technology Center
- Local Flow applications specialist

*Note Nasa to use existing pump chiller, final filter, and 2200# supersack stand

- **Dynamic XD**
- **Trade in of existing WMC 4030**
- **Trade in of existing IFB 4x8 DWJ**