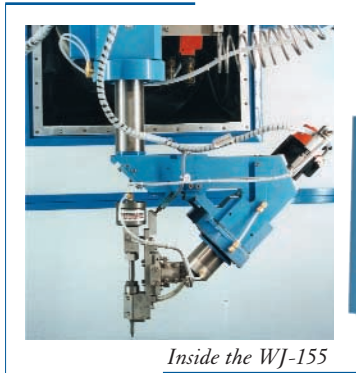


WJ-155

MULTI-AXIS ABRASIVE WATERJET SYSTEM

The Huffman WJ-155 Multi-Axis Abrasive Waterjet System brings new levels of productivity for high precision, cost-effective waterjet cutting. This system economically cuts high quality, burr-free and dust-free cuts in any direction for complex, near net shape parts such as **BLADED DISKS (BLISKS)**, **RINGS AND SHAPED HOLES**. The Huffman WJ-155 Abrasive Waterjet System cuts any type of metal, composites, glass and man-made fibers with highly pressurized water containing abrasive particles.



[WJ-155 AT-A-GLANCE]

- ▼ CUT METAL UP TO 16" (300 MM) THICK
- ▼ UP TO 8X FASTER THAN EDM
- ▼ ELIMINATE SECONDARY OPERATIONS
- ▼ REDUCE TOOLING COSTS
- ▼ EXCELLENT EDGE QUALITY (40 RMS)



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1-888-HUFFMAN

WJ-155

MULTI-AXIS
ABRASIVE
WATERJET
SYSTEM

[TECHNICAL DATA]

	<i>Axis Type</i>	<i>Total Travel (axes under CNC control)</i>	<i>Feed Rate</i>
X-AXIS	LINEAR	16" (406 MM)	0-393 IPM (0-10 MPM)
Y-AXIS	LINEAR	16" (406 MM)	0-393 IPM (0-10 MPM)
Z-AXIS	LINEAR	16" (406 MM)	0-393 IPM (0-10 MPM)
B-AXIS	ROTARY	±180°	10 RPM
C-AXIS	ROTARY	0-360°	10 RPM
<hr/>			
	<i>Programming Resolution</i>	<i>Positioning Accuracy</i>	<i>Positioning Repeatability</i>
LINEAR AXES	0.0001" (0,001 MM)	±0.002"/FT (±0,167 MM/M)	0.002"/FT (0,167 MM/M)
ROTARY AXES	0.001°	±30 ARC SEC	30 ARC SEC
FEEDBACK OPTIONS	LINEAR ENCODERS	±0.0002"/FT (±0,0167 MM/M)	0.0002"/FT (0,0167 MM/M)
<hr/>			
TOTAL WEIGHT	16000 LBS (7257 KG)		
OVERALL DIMENSIONS	122 X 82 X 100" (3099 X 2083 X 2540 MM)		
NOZZLE CONCENTRICITY	±0.001" (0,025 MM)		

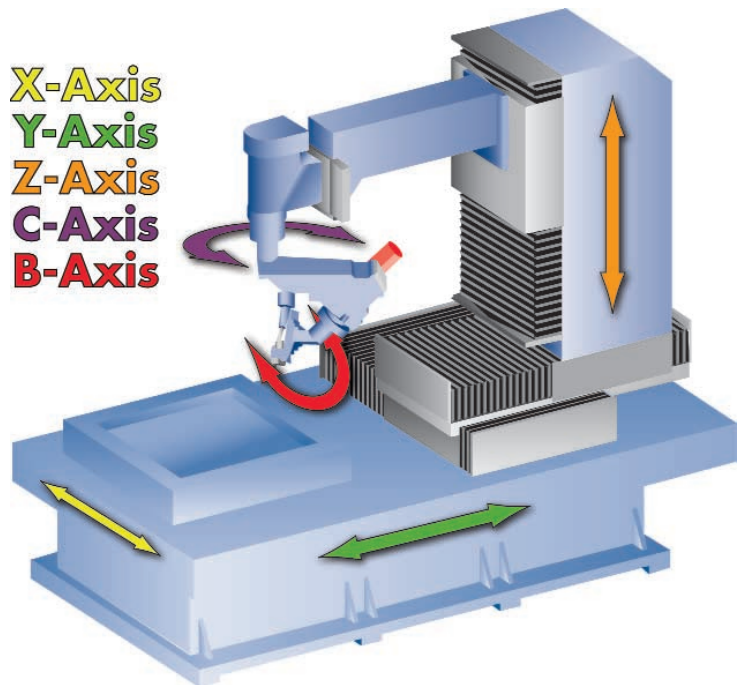
▼ [STANDARD EQUIPMENT]

- Digital AC brushless servo drive systems
- Motor encoders on all axes
- Precision ballscrews and linear rails
- Metric design and hardware
- Vibro Isolation machine mounts
- Machine enclosure
- Heat exchanger for electrical cabinet
- Catcher tank integrated with machine base
- Plumbing interface kit

▼ [OPTIONAL EQUIPMENT]

- Huffman precision abrasive nozzle
- Huffman abrasive metering system
- Choice of intensifiers
- Bulk abrasive transfer system
- Reverse osmosis system
- Reclamation system
- Digital pressure gauge
- Contact probe
- Huffman abrasive clog sensor
- PC computer for programming
- Digitizing/splining software
- Autoload/unload capability
- CE compliance
- GE Fanuc or Huffman Open Architecture Control (OAC)

[WJ-155 AXIS CONFIGURATION]



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