

# FlexJet FL-0404

The FL-Series is a precision waterjet system that strikes the perfect balance between accuracy and affordability. The all-steel two-piece construction boasts a helical rack and pinion system that ensures lightning-fast acceleration and deceleration while maintaining accuracy and long-lasting performance. The cantilever design allows for easy access to three sides of the machine. Designed and constructed using tried and true technology, the FL-Series is an economical and dependable cutting solution built to last



## MACHINE SPECIFICATIONS

### Footprint

Footprint without pump, bulk hopper, or controller	86" x 113"
Machine Height (with flag & whip line)	124"
Table Size	48" x 48"

### Travel

Cutting Envelope	48" x 48"
Z-Axis Travel	10"

### Pump

Intensifier Pump	50 HP @ 60,000 PSI
Max Flow Rate	1 gal/min (3.79 l/min)

### Speed

Maximum Rapid Speed	1,600 in/min
Intensifier Cycle Rate	22 cycles per min

### Feed Rates

X-Axis	X: 1,600 in/min
Y-Axis	Y: 1,600 in/min
Z-Axis	Z: 240 in/min

### Accuracy

Repeatability [in]	0.001
Ballbar Circularity	<0.003
Acceleration	.3G

### Standard Specifications

Material Support Slats	Steel
Abrasive Bulk Hopper	500lb (continuous fill)

## **Electrical Requirements**

3-Phase, 480 V

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## **Controller**

22" Touch Screen HMI + Hand Pendant

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BobCAD-CAM Express

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## **Optional Equipment**

90K HMI Integrated Intensifier Pump

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60K HMI Integrated Intensifier Pump

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2500 lb Abrasive Bulk Hopper (Continuous Fill)

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Fixed Multi-Head (Maximum 2 Heads)

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Water Only (No Abrasive)

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Water Level Control (4" rise)

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Electrical Cabinet AC

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Pump Chiller

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Closed Loop Water Filtration System

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