

## **OMAX Model 60120 5' x 10' Precision Abrasive Waterjet MANUFACTURED 2016**

### **SPECIFICATIONS:**

Table Size: 77" x 144"

Cutting Capacity: 62" x 126"

Parking Area for Carriage for Easy Loading from Front, Side, or Top of Table

Table Support Load: 400 Lbs Sqr/Ft

Material Support Slats: 4" x 1/8" Galvanized

Drive System: Closed Loop Vector Linear Drive System

OMAX EnduroMax Pump Horsepower: 50 HP 3/60/460 Volt

Pump Pressure: 60,000 PSI

Nozzle Config: 0.016" Orifice, 0.042"/4" Mixing Tube

Garnet Feed System: Gravity Feed 25 lbs. Hopper with 600 Lbs Abrasive Bulk Hopper

Computer: PC Based w/ Monitor, Keyboard, Mouse

Software: Omax Intelli-Max Control Software

Footprint of Tank with Controller: 18'9"L x 9'2"W

Ceiling Requirement – 10'

Weight: 6,200 Lbs.

Operating Weight: 23,200 Lbs.

### **CONTROL**

- PC Based Controller
- Windows Operating System
- USB Hub for External Hardware Additions
- Monitor with External Power Supply
- Keyboard
- Mouse
- Network Compatible

### **SOFTWARE**

- OMAX Intelli-MAX Waterjet Designed Software
- CAD/CAM Software Included with Easy to Use Drawing Library
- CAD Formats Supported for Over 50 File Types
- Heads-up Traverse Available
- No G or M Code

### **DRIVE SYSTEM**

- Closed Loop Vector Linear Drive System Designed Specifically for Waterjets by OMAX
- Electronic Gearing for Precise Cutting Control
- Dual 0.000039" (1 micron) Resolution with Linear Scale Feed Back to Control
- Motorized Z-Axis with Heads Up Traverse



Corporate Office:

1843 Lackland Hill Parkway St. Louis, MO 63146 Phone: (314) 291-9360 Fax: (314) 291-2981

### **PUMP**

- Omax EnduroMax 5060V Variable Frequency Drive High Efficiency Pump
- Variable Frequency Drive from 0 to 60,000 PSI
- Rated for 85% Efficiency as Opposed to 60%-70% from Intensifier Pump (Cut 20-30% Faster)
- Pump Hours Only Accumulate During Cutting – Not idle Time
- For Safety, High Pressure System not Pressurize Except When Cutting
- Rated for 1,000 Hours Between Pump Rebuilds
- Rebuild Pump in as little as 15 Minutes
- Very Low Pump Operating Cost
- Wired 3/60/460 Volt

### **EQUIPPED WITH:**

- Omax EnduroMax 5060V Variable Frequency Drive High Efficiency Pump
- Programmable Z-Axis
- OMAX Intelli-MAX CAD/CAM Control & Software
- PC Based Control
- 600 Lbs Abrasive Hopper
- Water Level Control
- Exclusive Omax Intelli-TRAX Drive System Developed Exclusively for the Waterjet Environment



### **OPTIONAL INSTALLATION & SETUP (NOT INCLUDED IN PRICE)**

- We have over 28 years of Omax waterjet experience with (5) factory trained technicians on staff. We can offer setup & training on the machine, additional factory accessories, preventative maintenance, and factory parts. We can customize a program around an individual's need.

Location: VT Plant

Terms: Payment Prior to Shipment

Sincerely,  
ZIMMERMAN-McDONALD MACHINERY, INC.

Brad Zimmerman



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