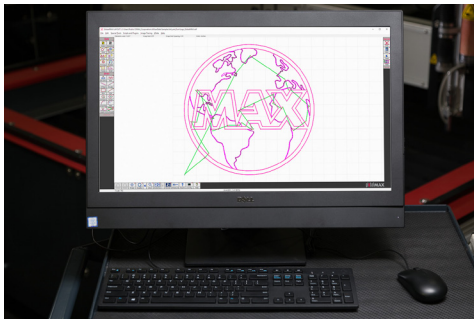


ALL-NEW

## GlobalMAX Abrasive Waterjet System

The all new GlobalMAX Abrasive Waterjet System raises the bar for what you expect from an essentially featured waterjet. Compact and simple, yet still powerful and versatile, the GlobalMAX was developed, tested, and built in keeping with the OMAX philosophy of reliability and ease of use. Manufactured alongside our OMAX and MAXIEM JetMachining Centers at the OMAX facility in Kent, Washington, the GlobalMAX utilizes innovations and proven technologies to deliver dynamic performance while operating as efficient as possible. The GlobalMAX delivers world class waterjet capabilities without compromise to customers in any industry.

### INTELLIGENCE



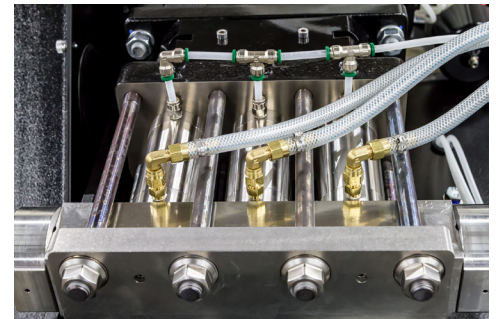
- Intelli-MAX Global software uses our 4th generation cutting model to deliver the fast and efficient cutting
- Intelli-MAX software is easy to use; operators can learn to import, draw and cut parts in one day

### PERFORMANCE



- Innovative Omega Drive System provides smoother transition from rotary motion to linear motion compared to traditional rack and pinion drive systems
- Omega Drive tooth engagement minimizes backlash and improves reliability
- Drive system requires no lubrication which can attract and retain garnet

### POWER



- GlobalMAX pumps feature OMAX direct drive technology proven in thousands of installations worldwide
- The highly efficient GlobalMAX pumps convert over 85% electrical power to pure cutting power



# GLOBALMAX

## MACHINE DIMENSIONS

|                                       |                   |
|---------------------------------------|-------------------|
| Footprint                             | 3.861 m x 3.660 m |
| Weight (tank empty)                   | 1,800 kg          |
| Height (with whip plumbing)           | 2.75 m            |
| Operating Weight (with water in tank) | 7,000 kg          |

## WORK ENVELOPE

|                                 |                     |
|---------------------------------|---------------------|
| X-Y Cutting Travel <sup>1</sup> | 3,050 mm x 1,530 mm |
| Z-Axis Travel <sup>1</sup>      | 125 mm              |
| Table Size                      | 3,100 mm x 1,645 mm |

## PUMP DESCRIPTION

|                                    |  |
|------------------------------------|--|
| Output Pressure                    | 3,100 bar  |
| Orifice and Flow Rate <sup>2</sup> | 0.38 mm / 3.48 lpm (30 HP)<br>0.30 mm / 2.23 lpm (20 HP) |
| Dimensions                         | 1.334 m x 0.787 m x 1.067 m                              |

<sup>1</sup> Optional accessories may reduce cutting travel.

<sup>2</sup> Recommended maximum orifice size. Smaller orifice sizes have a corresponding lower flow rate.



## STANDARD MODEL SPECIFICATIONS

|                                 |                         |
|---------------------------------|-------------------------|
| Maximum Supported Material Load | 1,465 kg/m <sup>2</sup> |
| Speed                           | 12,700 mm/min           |

## DRIVE DESCRIPTION

- Patent pending Omega drive system
- Closed loop, brushless servo motors
- Anodized drive system components

## OPTIONAL ACCESSORIES

- Terrain Follower
- Pneumatic Drill
- Laser Feature Finder
- Air & Water Spray Down Kit
- Bulk Feed Hopper
- Tank Armor Plating
- Rhino Board Cutting Bed
- Water Treatment System



## ABOUT OMAX

OMAX is the global total solutions provider in advanced abrasive waterjet systems. Our intuitive Intelli-MAX Software Suite simplifies programming and reduces setup times, increasing your productivity. OMAX engineers continue to innovate technology for abrasive waterjet machining, from proven 4th generation pump designs to cutting edge drive systems with micron-level accuracy. With the largest abrasive waterjet support network in the world, OMAX continues to shape the future of waterjets.

To see how a MAXIEM JetMachining Center can save you time and money, call or visit our website and request a free part analysis today.



UL 508A, CAN/CSA C22.2 No. 14,  
CAN/CSA C22.2 No. 73  
ISO 9001:2015 Certified

[WWW.OMAX.COM](http://WWW.OMAX.COM)

Made in the USA

**OMAX CORPORATION**

21409 72nd Avenue South

Kent, WA 98032

TEL 1-253-872-2300 / 1-800-838-0343

