



**OMAX**<sup>®</sup>  
A Hypertherm Associates Brand

## 5 Reasons to choose OptiMAX



### Exact. Tough. Optimized.

Designed for maximum uptime in any manufacturing environment while delivering high precision, the OMAX<sup>®</sup> OptiMAX<sup>®</sup> represents the pinnacle of three decades of engineering expertise and experience. With innovations such as IntelliTRAX<sup>®</sup>, the high precision traction drive technology designed for maximum accuracy and minimal maintenance, IntelliMAX<sup>®</sup> software that enhances automation capabilities while remaining easy to use, and EnduroMAX<sup>®</sup> pumps that feature a simple yet robust design specifically engineered to simplify maintenance while maximizing nozzle horsepower, the OMAX OptiMAX expands the possibilities of waterjet machining.





## 1 Improved Automation

With highly integrated system communications, the OptiMAX is the most connected OMAX waterjet ever. This means significantly reduced operator involvement, freeing the operator up to perform other tasks while the OptiMAX monitors everything. While this system monitoring can alert the operator remotely of errors or other problems, it can also be used to plan for scheduled maintenance, further reducing downtime and increasing overall production. Other automation features include an auto-homing tool that precisely homes the machine with just a couple clicks of the mouse.

## 2 Enhanced IntelliMAX Software

The OMAX IntelliMAX software expands the versatility and performance of the OptiMAX while simplifying overall operation. The IntelliCAM computer-aided manufacturing program allows the operator to easily input a 3D model and generate either a 2D or 3D cutting path. XData integrated into the IntelliMAX software lets the user input useful commands directly into the cutting path, further expanding capabilities of the OptiMAX. Advanced and detailed analytics and reporting provide detailed information for the most accurate job reporting available, maximizing profitability.

## 3 Innovative Air Sweep System

The new Air Sweep system integrated into the cutting head of the OptiMAX significantly reduces machine downtime by automatically clearing nozzle and abrasive feed line clogs. The IntelliMAX software can detect these clogs and activate the Air Sweep system, clearing the problem and resetting the cut path to allow the operator to easily resume the job with minimal downtime or additional maintenance.





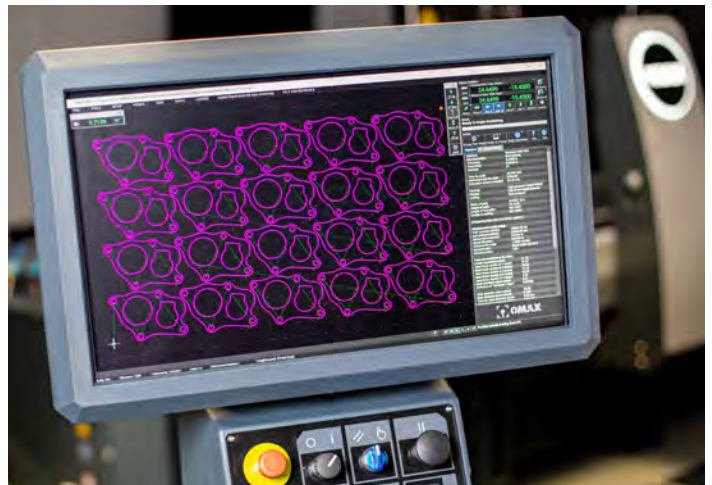


## 4 Upgraded EnduroMAX 5-Series Pumps

With the EnduroMAX pump already the most efficient waterjet pump on the market today, the EnduroMAX 5-Series designed for the OptiMAX elevates that technology even further. Innovative design features greatly improve maintenance access, reducing total system downtime during scheduled servicing, while the motorized adjustable dump orifice and complete software control reduces operator involvement while reducing pressure fluctuations and extending pump life.

## 5 Customizable Through Accessories

The OptiMAX is designed to meet your needs, with an array of state-of-the-art accessory options. Five-axis cutting, automated garnet removal systems, precision part locating, and more are all options designed to enhance your productivity and maximize profitability while allowing you to perform your jobs, your way.



## World-class service, support and innovation for advanced abrasive waterjet systems

OMAX technology sets the standard for service and support in the waterjet machine tool industry. It starts with a rigorous certification program at OMAX in Kent, Washington where OMAX direct and distributor technicians are trained to install, operate and maintain OMAX abrasive waterjet systems. 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. Customers have a number of contact options to suit their schedules and needs, including an extensive library of online resources. With the largest abrasive waterjet support network in the world, OMAX technology continues to shape the future of waterjets.

To see how an OMAX abrasive waterjet system can save you time and money, call or visit our website and request a free part analysis today.

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For more information, visit: [www.omas.com](http://www.omas.com)

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