



OMAX®

A Hypertherm Associates Brand

OptiMAX Vacuum Clog Sensor



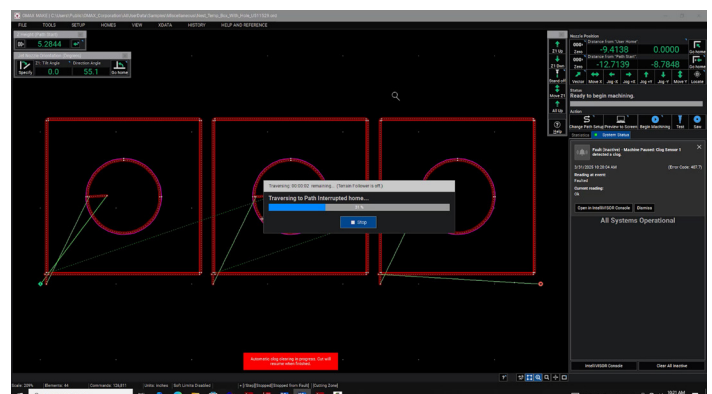
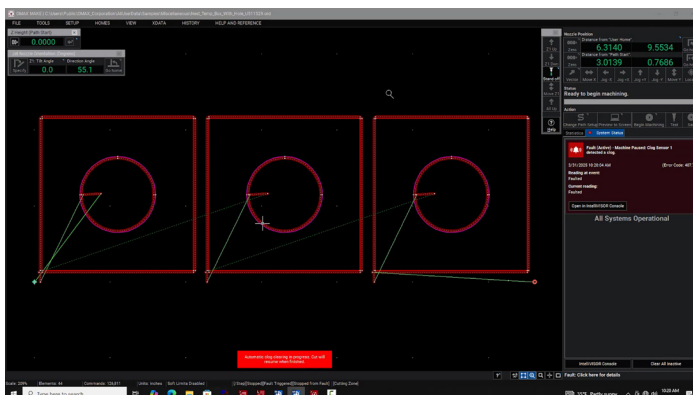
The OptiMAX Vacuum Clog Sensor pairs with the IntelliMAX software to seamlessly clear a clog during a cut without requiring intervention from the waterjet operator. The Vacuum Clog Sensor will automatically detect and safely clear the clog before returning back to the location on the cutting path where the clog occurred to resume cutting.

Vacuum Clog Sensor benefits

The OptiMAX Vacuum Clog Sensor works with the OMAX IntelliMAX software to detect a clog in the abrasive line or nozzle during a cut. Once the clog is detected, the software will automatically pause the machine from further cutting, reducing damage to the material. The IntelliMAX software then moves the cutting head to an identified safe spot on the table to clear the abrasive clog, test and verify that the clog is removed, and then move the cutting head back to the spot where the clog occurred and either wait for the operator's input or automatically resume cutting. The Vacuum Clog Sensor, when used with the Automated Air Sweep on the OptiMAX, reduces operator intervention in the event of a clog and will dramatically reduce downtime to clear the clog to begin cutting again.

Vacuum Clog Sensor features

- The OptiMAX Vacuum Clog Sensor can be retrofitted to any OptiMAX waterjet system
- The sensor can be added to either the Moto-Z, TiltajET or VersaJET cutting head, and configured with settings in IntelliMAX for brittle or thick materials
- Integrated with the IntelliMAX MAKE software, with clear signals to tell the operator if a clog occurs and that the software is prepared to clear the clog and then resume cutting
- Customizable settings within MAKE to either pause before resuming cutting or to automatically resume cutting after the clog is cleared
- Paired with the Automated Air Sweep, a path cut on the OptiMAX can be fully commanded by the software to detect, pause, clear, test, and begin cutting again
- The Vacuum Clog Sensor communicates with OMAX IntelliVISOR, to alert waterjet owners and users in the event of a clog



SHAPING POSSIBILITY®

PLASMA | LASER | WATERJET | AUTOMATION | SOFTWARE | CONSUMABLES



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

For more information, visit: www.omax.com

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**HYPERTHERM
ASSOCIATES™**

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

OMAX, part of Hypertherm Associates, 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 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.

As 100% Associate owners, we are all focused on delivering a superior customer experience. www.hyperthermassociates.com/ownership

Environmental stewardship is one of Hypertherm Associates' core values. www.hyperthermassociates.com/environment

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