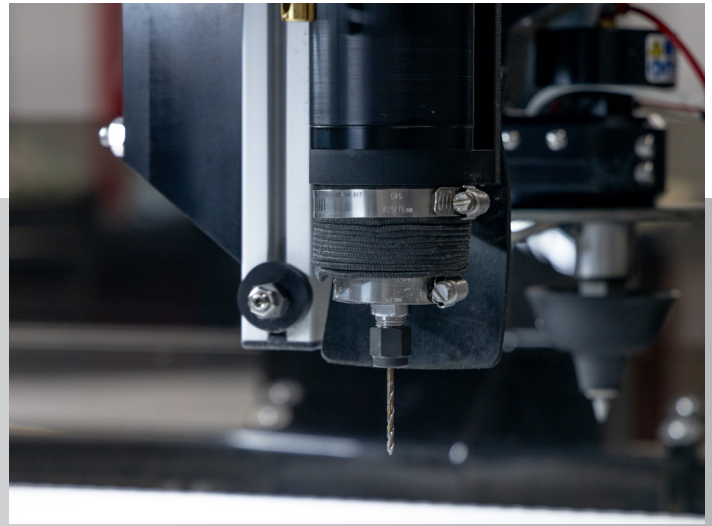




OMAX®

A Hypertherm Associates Brand

OMAX Drill Head



Achieve reliable piercing of composites and laminates with an OMAX-engineered pneumatic drill specifically designed for the waterjet environment. Solely customized for OMAX machining, the robust Drill Head permits repeatable piercing of laminates and composites prior to abrasive waterjet cutting and accurately pierces small diameter holes in thick material. With IntelliMAX® innovation, no separate programming is required. The OMAX Drill Head is mounted to the Y-axis carriage and is easily adjustable in the Z-direction to move the accessory out of the way when not in use. No external power is required.



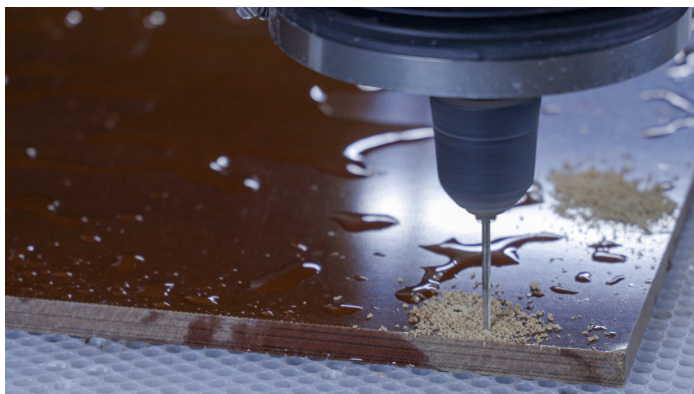
Software options include drill and cut individually, drill all then cut all, or drill only, as well as pecking options for incremental drilling.

Features & Benefits

- Chrome-plated and hard alloy steel components enclosed inside water resistant cases and bellows to protect from a waterjet environment
- Corrosion-resistant cylinder wall will not rust in moist air
- Highly efficient 5,000 RPM air motor provides maximum power with minimum air consumption. Air motor design promotes longer drill bit life and quality drilled holes
- Drill equipped with a collet holder and collet to hold a 1/16" drill bit
- Fully adjustable pneumatic feed rate and depth of feed up to 3" of travel and 112 lbs of thrust with 85 psi air
- Automatically controlled by the IntelliMAX software
- Successfully pre-drill brittle and sensitive materials
- Reliably produce parts without delamination
- Eliminate the process of tedious hand drilling with customized registration templates. When used with the IntelliMAX software, the Drill Head can quickly and automatically drill holes in desired locations before cutting material with a jet stream.

System Requirements

- OMAX, MAXIEM, or GlobalMAX system
- Motorized Z-Axis, TiltaJET®, or VersaJET® cutting head
- Routinely apply air line lubrication and gear train grease
- Filtration system (40 microns maximum) for the air feed connected to the drill



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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Please visit www.omax.com/patents for more details about Hypertherm Associates patent numbers and types.

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MKT058



**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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