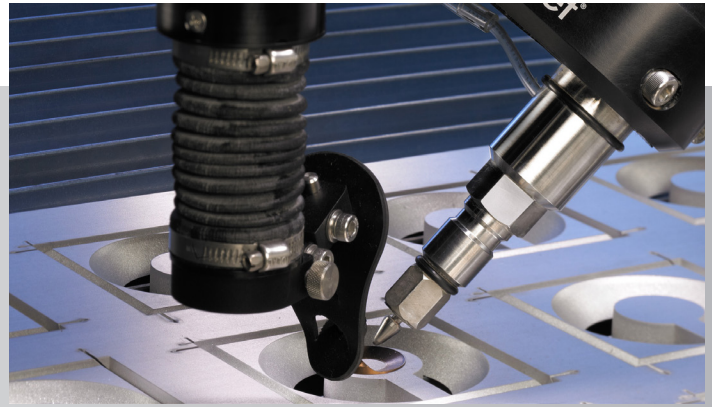




OMAX®

A Hypertherm Associates Brand

Terrain Follower/AJet



The OMAX Terrain Follower allows a JetMachining® Center to automatically cut parts from materials with irregular or warped surfaces without the need for special programming.

The Terrain Follower attaches directly to the AJet. Changes in a material's height are detected and the nozzle automatically makes the required height adjustments, maintaining the necessary nozzle standoff to avoid contact with warped surfaces and protecting the nozzle and related hardware from damage. This allows you to start cutting warped material without the need to find the high points, saving you time and money.

Accessories in the Terrain Follower/AJet Kit

- Neat package
- Easily removable
- Easily return to service after removal
- OMAX service tech required for initial installation



Features & benefits

- High resolution magnetic encoder senses change in material height
- Automatically maintains nozzle standoff throughout the cutting process
- All electrical cabling is shielded from the abrasive waterjet environment
- Designed with robust packaging, O-ring seals, and splash guards
- All AJet accessories contain mounting features to add on a Terrain Follower device
- Quick and easy removal/attachment of the Terrain Follower accessory
- Adjusts automatically to uneven surfaces, reduces need for additional programming
- Meet required tolerances and deliver competitively priced, accurate parts cut from economical, non-precision material
- Simple setup and operation
- No special programming required
- Auto standoff
- Designed specifically to operate in an abrasive waterjet environment
- Completely retrofittable to all existing AJet accessories
- Designed with the experience of the proven original Terrain Follower concept, which has over 200 active units in the field
- Quick and easy removal of the Terrain Follower accessory when you want extra clearance for specific jobs

Best applications

- Great for materials that stress relieve while cutting
- Assists in cutting hard, smooth, or non-cosmetic surfaces
- Ideal for cutting large parts on uneven or warped sheets

For example: When cutting material at a 45° (or greater) angle, any height change of the material directly changes the cut offset. For instance, cutting material with an 1/8" warp without using the Terrain Follower would produce an 1/8" shift in your cutting line. To prevent this, install the Terrain Follower to eliminate this shift when cutting at a 45° angle or any other angle. The accessory will adjust the Z-axis height and give you an appropriate standoff between the nozzle and the material surface when cutting the warped stock.

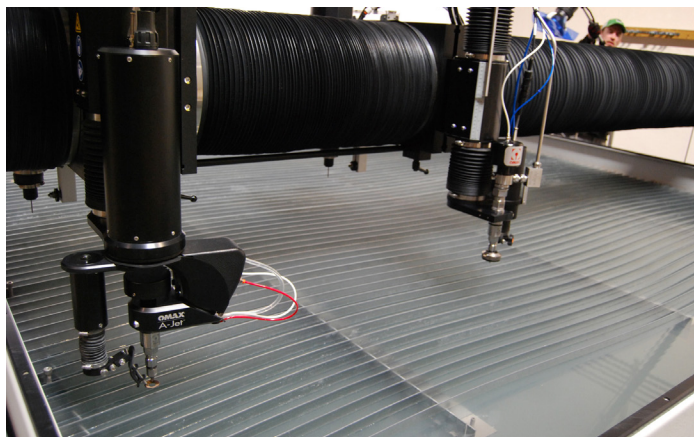
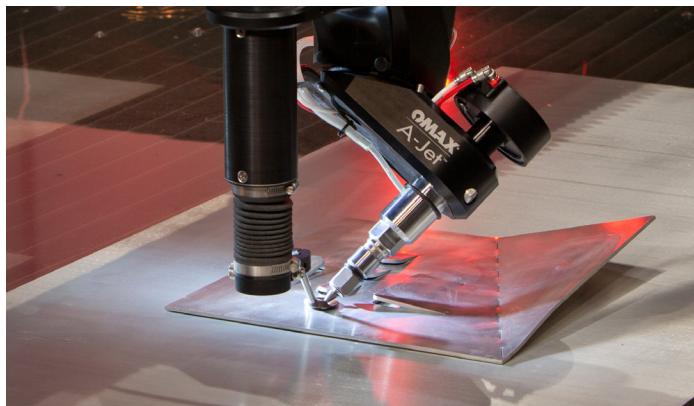
Note: Collision sensing capabilities are not featured with the Terrain Follower/AJet accessory.

Requirements

- Windows® upgrade contact OMAX Customer Service for information
- OMAX Software version 11 or greater
- AJet
- A bridge-style OMAX JetMachining Center (For cantilever-style OMAX JetMachining Centers, contact an OMAX sales representative for details)

- OMAX 9-Axis PC-based controller

Contact OMAX for more information



World-class service, support and innovation for advanced abrasive 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.



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

For more information, visit: www.omas.com

Unless otherwise noted in the collateral, all trademarks are property of Hypertherm, Inc. and may be registered in the United States and/or other countries. All other trademarks are the properties of their respective owners.

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

© 4/2025 Hypertherm, Inc. Revision 1
MKT083



**HYPERTHERM
ASSOCIATES™**

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

100% Associate-owned

