

OMAX Terrain Follower/A-Jet

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 A-Jet. 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.

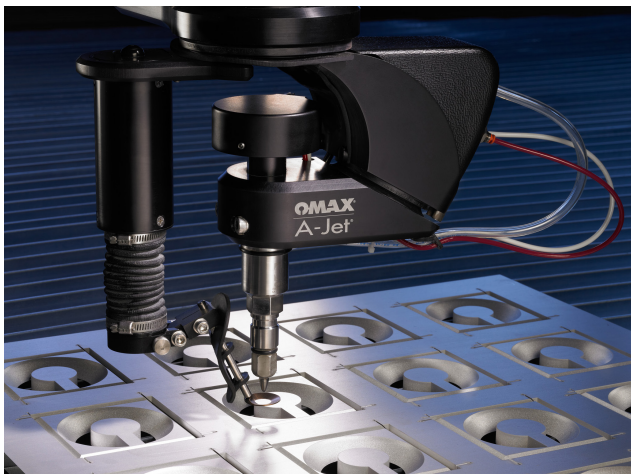
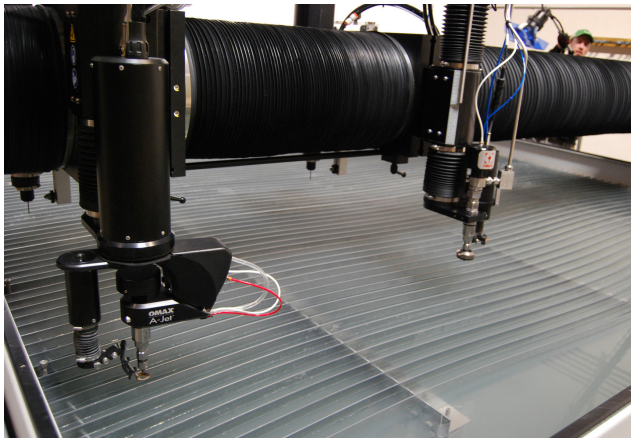
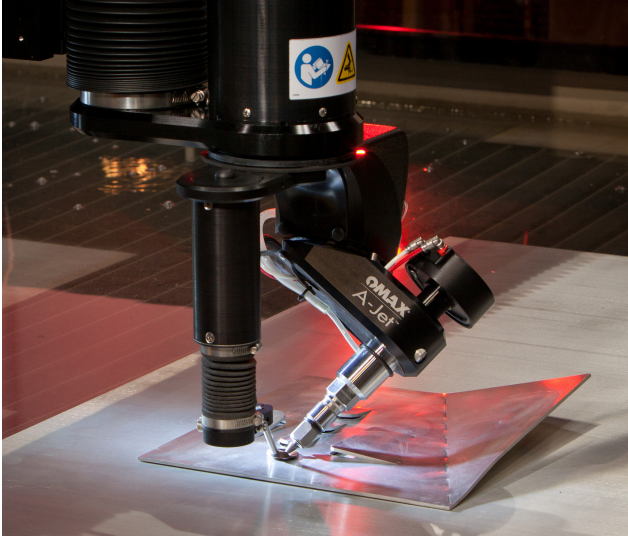
FEATURES

- 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 A-Jet accessories contain mounting features to add on a Terrain Follower device
- Quick and easy removal/attachment of the Terrain Follower accessory

BENEFITS

- 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 A-Jet 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

OMAX TF/A-JET



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 /A-Jet accessory.

ACCESSORIES IN THE TERRAIN FOLLOWER/A-JET KIT

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

REQUIREMENTS

- Windows® upgrade
Contact OMAX Customer Service for information
- OMAX Software version 11 or greater
- A-Jet
- 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.

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 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 an OMAX JetMachining Center can save you time and money, call or visit our website and request a free part analysis today.

