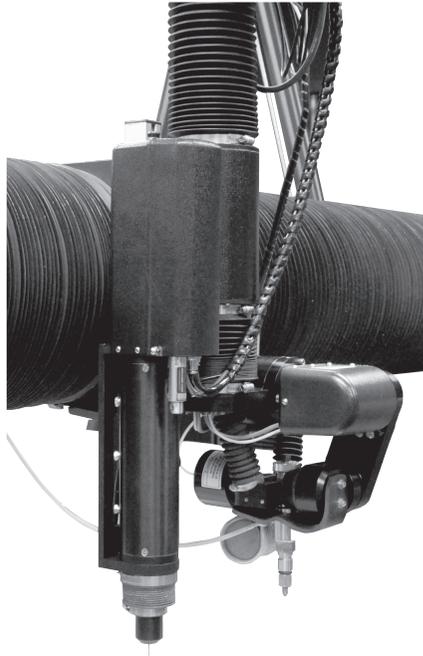




PRECISION ABRASIVE WATERJET ACCESSORIES

Accessory Specifications

DRILL HEAD



OMAX Drill Head installed next to a Tilt-A-Jet®

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 Intelli-MAX® 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.

Standard Features

- 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 OMAX Windows® PC-based control system

Benefits

- 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 OMAX PC-based controller, the Drill Head can quickly and automatically drill holes in desired locations before cutting material with a jet stream.

Requirements

- Windows PC-based controller installed with Intelli-MAX® Software Suite Version 18.0 or higher
- Motorized Z-Axis, Tilt-A-Jet, or A-Jet®
- Routinely apply air line lubrication and gear train grease
- Filtration system (40 microns max.) for the air feed connected to the drill

NOTE: Check with OMAX Sales for more details.

NOTE: Optional accessories installed on an OMAX may reduce cutting travel. Contact OMAX for consultation.

About OMAX

OMAX is the leader in designing and manufacturing precision abrasive waterjet machining equipment. For more information on what other OMAX products and accessories can do for you, call us today.

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The OMAX Technology Guarantee entitles you, as the original owner, to free OMAX software upgrades for the life of the machine.