

New Products From International Waterjet Parts

International Waterjet Parts Inc. is introducing the new DP3000 Abrasive Inlet Cutting Head.

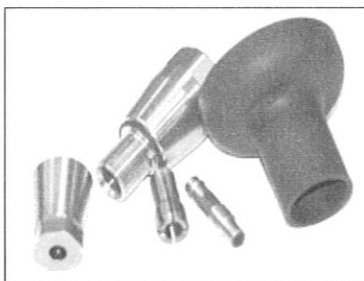
Three years of feedback from our customers who have used the DP2000 inspired the development of the new DP3000 Abrasive Inlet Cutting Head.

The DP2000 has been in operation for three years with over 1,500 being used in the abrasive waterjet market. The DP2000 has proven itself in the market as one of the most innovative cutting heads in the industry. The patented alignment process, designed around ease of use and longevity, derives most of its precision and accuracy from the orifice insert.

Before shipping, all Orifice Inserts are tested through a nozzle with low pressure and high pressure water to check for alignment and stream coherency. This eliminates inconsistent results. The abrasive never touches the inside of the inlet body, eliminating a high cost wear product used by most other manufacturers.

What's Different with the DP3000?

- High tolerance collet design that's interchangeable, giving the same consistency you need every time.
- The nut is completely sealed, eliminating the cutting head from drawing air into the stream and abrasive getting into the threads.
- The abrasive entry sleeve is carbide lined and on a steeper angle than any other cutting head on the market allowing the abrasive to flow easier and more consistently.
- The distance from abrasive entry to orifice has been greatly reduced, introducing the abrasive at the most coherent part of the stream.
- The new Splash Shield protects all of the above while directing the spray down, minimizing airborne particles.

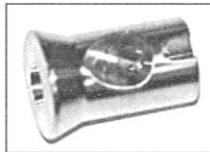


The K2300 includes everything you see in the photo at the bottom of column 1, plus two orifices, for the special price of \$425.00.

We offer this head for a free thirty-day trial period. We are offering a \$100.00 trade-in credit for your DP2000 or a \$200.00 trade-in credit for any other head.

DP3000's Insert Orifice Assembly: The Results

The results have been outstanding. The piercing time has been reduced tremendously. Setting your dwell times allows you to pierce glass and other brittle materials, performing in most cases as good as heads running vacuum assist. The head retains enough abrasive to pierce glass and other brittle material, while using less abrasive. Every time you change the orifice insert, you have a brand new head. This eliminates the variable of mixing chamber wear.



We are seeing 80 to 120 hours average life on orifices with some customers getting well over 300 hours. Contributing to the life of the orifice insert is the extensive alignment test that's done on each orifice for this cutting head. We don't believe in letting our customers do our rejection process for us.

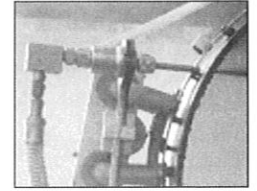
Stream coherency, cut quality, cutting speeds, less abrasive and cost are all essential for the profitability of the cutting process. The new DP3000 abrasive inlet cutting head improves results for all of these.

Advantages

- Use any style long life nozzle - allows you to utilize your existing inventory.
- Adaptors for any style head (direct replacement on Flow Style Cutting heads).
- Uses less abrasive with faster cutting speeds and consistent quality.
- Lower cost components.
- Reduces operating costs.

Portable Cutting Head

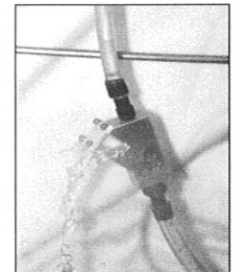
The patented cutting head has been tested and is now in stock for portable cutting applications.



Utilizing the bigger orifices, combined with the ease of use, makes this perfect for the person in the field with no time to waste.

The Snorkel (Back Wash Eliminator)

Does this happen to you? Inconsistent abrasive - trash in the lines - touching the tip of the nozzle on the cutting material - all resulting in



plugging. It takes considerable time to disassemble your metering hopper and clean everything out. This takes time away from cutting and could very easily scrap a part. This patent pending application works. Unlike other devices in the industry, this unit is self-cleaning and very easy to install. Best of all it works! We have tested this unit with different orifice nozzle ratios from low output to high output. Ask any operator in the Waterjet industry how difficult it is to clean out and start all over again and he will tell you, "it's very difficult." There really isn't anything more frustrating than this happening. It doesn't matter what type of equipment you are running. We have made this work with all abrasive cutting heads by merely changing the barb fittings to the size of hose you are running. It only takes seconds to plug your nozzles and create 30 minutes of work and downtime. With this device, it only takes minutes to clean it and begin cutting again. Although we cannot eliminate plugging, we can make it much easier to deal with, when it happens.

For more information, visit IWP online at www.iwpwaterjet.com, or contact IWP toll free by phone: (866)302-3284, fax: (866)883-3292, email: iwp@iwpwaterjet.com, or mail: IWP, 1299 A Street SE, Ephrata, WA 98823.

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