CUSTOMIZABLE CUTTING HEAD SOLUTIONS WITH DIALINE FROM ACCUSTREAM
The industry’s **FIRST** customizable cutting head!

AccuStream has spent countless hours developing the industry’s most comprehensive, smartly designed and completely customizable cutting heads available today. The DiaLine cutting head has taken stream alignment to the next level and backs it up with an industry best 600 hour warranty. Not only is DiaLine the most technologically advanced cutting head on the market but the DiaLine also offers you the ability to customize the cutting head to meet the needs of your operation. If you want 1000 hours of worry free cutting you need to have the DiaLine cutting head in your arsenal.

**What sets DiaLine apart**

1. **Diamond Orifice**
   - Secure precision diamond engagement produces concentric stream alignment to the nozzle
   - Removable diamond mount provides maximum flexibility for a variety of cutting applications
   - Best warranty in the industry (600 hours)

2. **Mixing Chamber**
   - Produced from the most wear resistant material for abrasive waterjet
   - Anti-turbulent design reduces wear, protects diamond and optimizes abrasive usage
   - Easy access allows for periodic inspection and replacement (if required)

3. **Nozzle Nut**
   - Designed with dual piloting diameters precisely center the cutting stream to the carbide nozzle
   - Long life Diamond orifices and precise nozzle alignment increase nozzle longevity by as much as 15%
   - Trouble-free removal of broken nozzles due to part “pop-ups” or nozzle “touchdowns”

**DiaLine vs. Standard Ruby Head**

The chart below illustrates the average cost of operating a DiaLine cutting head over a 1200 hour period as compared to a standard ruby orifice cutting head.

<table>
<thead>
<tr>
<th></th>
<th>DiaLine</th>
<th>Average Life</th>
<th>Per 1200 hrs</th>
<th>Average Cost</th>
<th>Extended Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orifice</td>
<td>.300</td>
<td>1200</td>
<td>30</td>
<td>$15.00</td>
<td>$425.00</td>
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<tr>
<td>Orifice</td>
<td>.250</td>
<td>720</td>
<td>17</td>
<td>$85.00</td>
<td>$1,445.00</td>
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<td>Cutting Head</td>
<td>2000</td>
<td>1200</td>
<td>.6</td>
<td>$300.00</td>
<td>$340.00</td>
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<td></td>
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<td></td>
<td></td>
<td>$180.00</td>
<td>$340.00</td>
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</tbody>
</table>

In 1200 hours the cutting process will never be interrupted due to a blown orifice. In fact, nozzle life increases by as much as 15% due to a perfectly aligned stream. Using a DiaLine Cutting Head, there is no more struggling with poor cutting stream and having to worry if important parts will be damaged due to failed orifices. The DiaLine is your assurance of maximum cutting performance and prolonged up-time!
When choosing a DiaLine you are not limited to one style or configuration. DiaLine allows you to customize your cutting head to meet the specific needs of your operation. Not only will you have a cutting head that exceeds all expectations but a cutting head that also works seamlessly with your system and allows you to operate at peak performance.

### Build your DiaLine

1. **CHOOSE YOUR ABRASIVE BODY**
   - Choose from .281, .300 or .281 Dual Inlet Abrasive body’s

2. **CHOOSE YOUR INLET**
   - Chose from 3/8” (Standard) or 3/16” for smaller abrasive feed lines

3. **CHOOSE YOUR NOZZLE NUT**
   - Choose from the standard, 3” nozzle nut or 4” nozzle nut

### Complete the Package

- **CHOOSE YOUR CONNECTION**
  - Choose from standard or swivel adapters for any system

- **CHOOSE YOUR ORIFICE**
  - Choose from Diamond (.008-.018) or Ruby (.004-.020) oriﬁces

- **CHOOSE YOUR PROTECTION**
  - Choose from 1/4” or 3/8” Thimble Filters for added protection and 600 hr. extended warranty

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For purchasing information or to download the DiaLine Buyers Guide visit accustream.com

AccuStream™
waterjet products

309 5th Avenue NW
New Brighton, MN 55112

Phone: 866-566-7099
Fax: 651-294-8620

Email: sales@accustream.com
Web: www.accustream.com