Five-Axis

No Material Stress

No Dust or Fumes

Near Net Shape

Why Waterjet

- Eliminates Most Finishing
- Environmentally Friendly
- Cuts Multilayer Materials
- Cuts Thin foil – 12” Titanium
- High Speeds (Most Materials)
- Easily integrate into Automation
- Contouring Systems
- Easy Programming w/Standard CAD/CAM Systems
- Multiple Axis Cutting
- Allows Rapid Prototyping
- Minimal Fixturing Required
- No Tool Sharpening

KMT
47 YEARS
STREAMLINE® PRO-III Series 90,000psi Pumps

WORLD’S FASTEST WATERJET

When you factor in the greater productivity of cutting faster, a 50-100% increase in capacity, reduced abrasive costs up to 50% and increase gross margins, the PRO III 90,000psi waterjet system is an attractive alternative to the standard 60,000psi waterjet technology.

Increase Productivity/Profitability
Reduce Abrasive Cost
Increase Capacity
Lowest Cost Per Part

STREAMLINE™ SL-VI 60,000psi Pumps

THE RIGHT SOLUTION FOR EVERY APPLICATION

The KMT SL-VI Series utilizes the latest technology and a configurable design for ease of use, reliability and convenience. The result is a system that delivers the highest efficiency & profit.

Available in 30hp, 40hp, 50hp & 100hp, and an Optional Redundant Intensifier, the KMT SL-VI has the Horsepower, Pressure and Options to Fulfill Most Every Application.

Increase Orifice Sizes = Increased Productivity

<table>
<thead>
<tr>
<th>SL-VI Single Head Cutting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orifice Size @ 30hp</td>
</tr>
<tr>
<td>Orifice Size @ 40hp</td>
</tr>
<tr>
<td>Orifice Size @ 50hp</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SL-VI 100hp</th>
</tr>
</thead>
<tbody>
<tr>
<td># Cutting Heads</td>
</tr>
<tr>
<td>1 (1.88 gpm max)</td>
</tr>
<tr>
<td>2 (1.88 gpm max)</td>
</tr>
<tr>
<td>1 (2.00 gpm max)</td>
</tr>
<tr>
<td>2 (2.00 gpm max)</td>
</tr>
</tbody>
</table>

Values good for 60kHz & 50kHz

SL-VI e-Series BASIC MODEL
- No Doors
- No Cover
- No Electric Panel

SL-VI e-Series ECONOMICAL MODEL
- No Cover

SL-VI e-Series INDUSTRIAL MODEL
- Fully Loaded

MAX. ORIFICE SIZE:
PRO-III 60HP: .011
PRO-III 125HP: .016

More Information, Videos and Testimonials

60,000psi Pump Shown for Comparison
TRILINE™ 55,000psi PUMPS

The TRILINE™ delivers high efficiency at continuous operation and is ideal for small job shops performing conventional shapcutting.

DIRECT DRIVE TECHNOLOGY - EFFICIENT & ECONOMICAL
- Three Frame Options for Flexible, Easy Integration
- Continuous Duty Water Pressure Generator
- Patented Valve Automatically Controls Pressure & Flow Rate
- Small Footprint & Emits a Low 82dBA Sound Level

30hp Models: With Doors, No Doors & Frameless

AUTOLINE® PRO
90,000psi Nozzle

HIGH SPEED, SELF-ALIGNING ABRASIVE CUTTING NOZZLE
Independent tests prove the KMT AUTOLINE® Series of Abrasive Nozzles cut faster & at a lower cost than any other nozzle.
Tests performed by the University of Missouri-Science & Technology showed that the AUTOLINE® design achieved best overall cutting performance for speed & efficiency.

Simple, Self-aligning Components
The self-aligning components of the KMT AUTOLINE® provide perfect alignment & extends the life of focusing tubes & mixing chambers. (AUTOLINE® 60,000psi Pressure Available)

IDE® PRO DIAMOND
90,000psi Nozzle

DIAMOND MOUNTING DESIGN IMPROVES ALIGNMENT & CUTTING PERFORMANCE
The KMT Diamond Orifice Integrated Diamond Eductor PRO is integral to the cutting head & factory aligned for life. The KMT IDE®PRO cutting nozzle is a one piece body, with a permanent mounted orifice, reducing operating downtime compared to changing a diamond orifice.

The IDE® PRO has achieved successful test cutting performance at 100,000psi & has demonstrated 1,000+ cutting hours in the field for many applications. The IDE®PRO performance rating is 10-20 times better over sapphires or rubies. (IDE®60,000psi Pressure Available)

ADS SERIES HOPPERS
Abrasive Delivery System

CONTINUOUS LEVEL MONITORING -- FOR EFFICIENT PRODUCTION!
Abrasive Flow Monitoring Saves Time & Costs
KMT ADS SERIES HOPPERS precisely monitor the availability of sufficient abrasive closely during the entire cutting process.
The abrasive level indicator uses a weighing mechanism combined with a low-level alarm (or warning light on 2,000lb unit) to detect the low limit (100 lbs.) and notify the user.
Available in 500 LB. & 2,000 LB. Capacity.

FEEDLINE V
Abrasive Metering System

OPTIMIZED ABRASIVE FLOW FOR CUSTOMIZED APPLICATIONS
Stable and Repeatable Parameters are a fundamental requirement for high quality waterjet cutting. Without this controlled supply, the mixing chamber for abrasive, air and water would become clogged up and lead to higher costs.
The FEEDLINE V accurately controls the abrasive flow required for each application, further lowering costs of operation.
KMT Original Equipment Manufacturers (OEM's) Design, Engineer, And Manufacture The Right Waterjet System For Your Cutting Application.

KMT Waterjet System Integrators are experienced in waterjet cutting to ensure that you & your employees are well trained & have all the tools & support you need for a successful and profitable waterjet cutting business.

KMT Global Waterjet OEM Options:

- Standard and Customized Tables
- Multiple Cutting Heads
- X-Y, X-Y-Z, 4, 5 & 6 Axis Cutting
- Robotic Integration
- Combination Systems: Saw, Plasma or Drill

KMT Waterjet now offers a Cut Calculator APP that compares 90,000psi to 60,000psi cutting.

Increase Productivity @ 90,000psi!