Water-Only Cutting
Robotic Systems

No Heat Affected Zone

No Material Compression

Stacked Cutting

Waterjet Cuts

- Foam
- Insulation (HVAC)
- Auto Headliners
- Composites
- Filters
- Plastic
- Rubber
- Corrugate
- Wood
- Cork
- Paper
- Silicone
- Neoprene
- Teflon
- Diapers
- Carpet
- Textiles
- Vinyl
- PVC
- Laminates
- Styrofoam
- Leather
- Food/Produce
& much more
High Speed Production

Common Line Cutting

Multi Head Cutting

Waterjet Benefits

- No Material Deformity
- Environmentally Friendly
- No Heat or Chemicals
- Cut Stacked Material
- Multiple Cutting Heads
- No Blade Sharpening
- Cut Intricate Designs
- Reduced Product Waste
- Fast, Efficient Robotic Cutting
- Accurate Repeatability Cutting
- High Production Capacity
- Flexible, Fast Set-ups
- Better Quality Product
- Tighter parts Nesting
- Easily Cuts Thin, Flimsy Materials
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.

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>UNIT</th>
<th>15</th>
<th>30</th>
<th>40</th>
<th>50</th>
<th>100</th>
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<tbody>
<tr>
<td>Motor Rating</td>
<td>kW/HP</td>
<td>15/11</td>
<td>22/30</td>
<td>29/40</td>
<td>37/50</td>
<td>75/50</td>
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<tr>
<td>Pressure Range</td>
<td>PSI</td>
<td>60,000</td>
<td>60,000</td>
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<tr>
<td>Max. Flow Rate at Max. Pressure (60 Hz)</td>
<td>gal/min</td>
<td>0.30</td>
<td>0.69</td>
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<td>Length</td>
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<td>CUTTING WATER CIRCUIT</td>
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<td>Intensification Ratio</td>
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<td>Max. Stroke Rate</td>
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<tr>
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<td>2.8</td>
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<td>Low Pressure Filter</td>
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<tr>
<td>CONTROLS &amp; ELECTRIC</td>
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<td>Nom. Current at 480V/60Hz</td>
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<td>40</td>
<td>52</td>
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</table>

SL-VI INTENSIFIER

The source of pressure.

No other system incorporates the features of the SL-VI to deliver the simplest, easiest to operate, most reliable system.

- Slower Strokes, 8” Ceramic Plunger Reduces Maintenance
- Patented HYPERLIFE™ “One-Step” Seals Last 2X Longer
- Cartridge Style Hydraulic Seals for Quick Seal Changes
- Smoother, More Reliable Electronic Shifting Deters Leaking
- Exclusive, Metal-to-Metal Seal Head for Less Maintenance
- Intensifier Threaded Hard Seal End Cap Allows Working on One Side at a Time
- Weep Hole Indicators for Easy Seal Troubleshooting

More Information and Videos
AQUALINE® 60,000psi CUTTING NOZZLES

PROVEN PERFORMANCE AT EXTREME PRESSURES

Pure water cutting applications are among the most demanding of production jobs in the industry. Demands put on waterjet components and some industry production units usually run 3 x 8-hour shifts throughout the complete week highlighting a need for extremely high reliability and speed.

Our AQUALINE® pure water pneumatic valve has gained an industry-wide reputation for being among the quickest and the most reliable pure water cutting heads under extreme working conditions.

KMT AQUALINE® heads have the fastest reaction times while maintaining long component lifetimes with high quality.

Unlike die cutting, waterjet doesn’t compress & damage foam material creating a better product and less material waste.

Pure water produces a clean cutting stream thinner than a strand of human hair eliminating water absorption & maintains the paper integrity.

THE RIGHT PUMP & COMPLETE WATERJET SYSTEM MATTERS

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 and your employees are well trained, and have all the tools and 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

More Information on KMT Global OEM’s
The KMT Preventive Maintenance (PM) Program provides a 65 Point Comprehensive Inspection for your KMT pumps, parts and components.

800-826-9274 • 24 Hours a Day/7 Days a Week
Normal business hours are 7:00AM CDT to 5:00PM CDT
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kmtgenuineservice@kmtwaterjet.com
Order Parts Online: kmtgenuineparts.com

KMT Genuine Parts & Service is Closer Than You Think

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