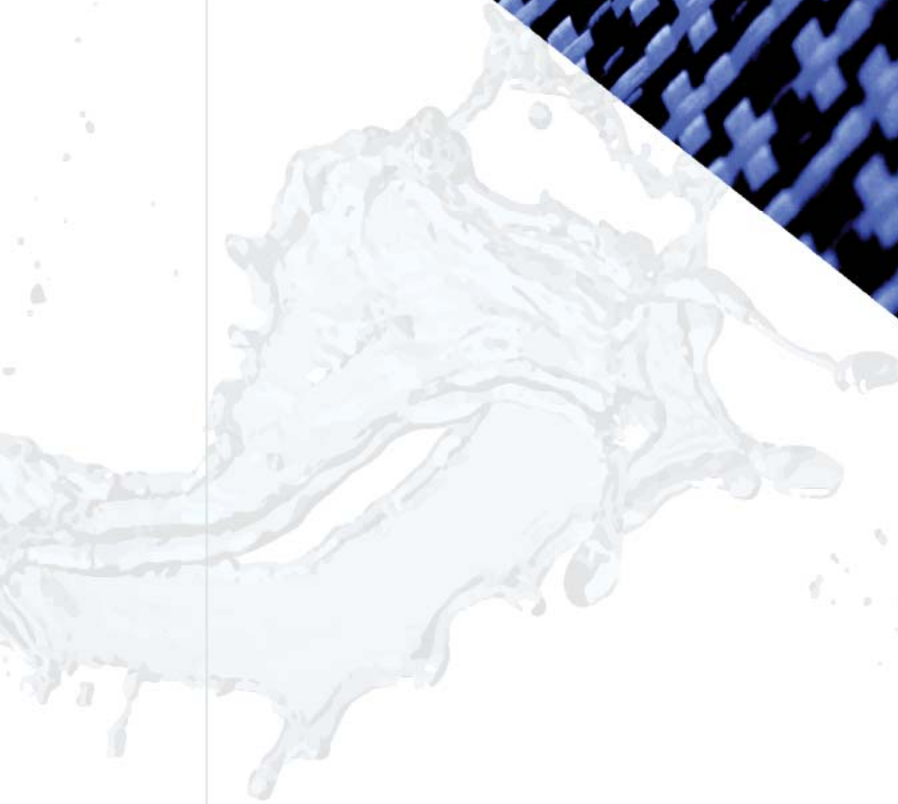
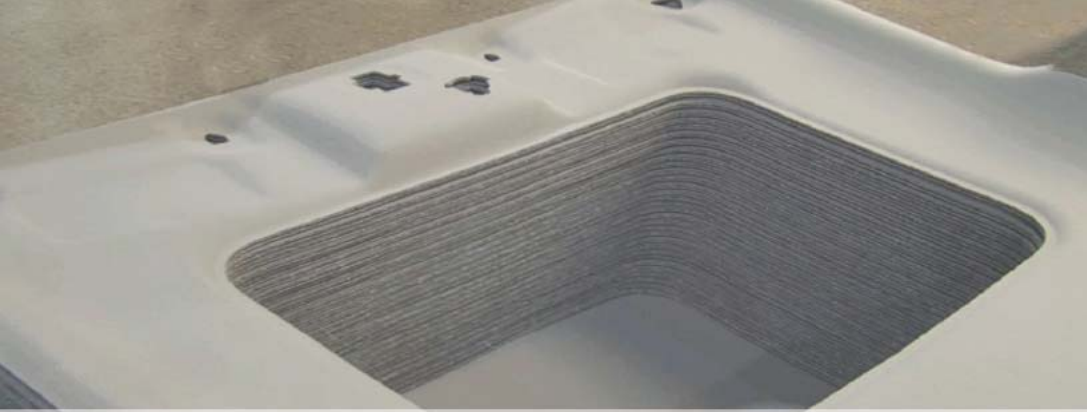


KMT
KMT Waterjet



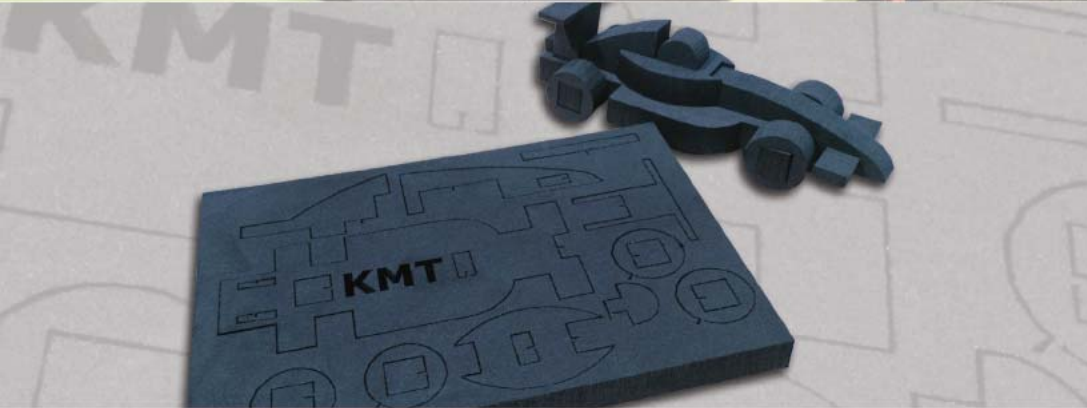
WATER-ONLY CUTTING



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

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.



SL-VI 15hp
(Available only as shown)



**SL-VI s-Series
BASIC MODEL**

No Doors
No Cover
No Electric Panel

**SL-VI e-Series
ECONOMICAL MODEL**

No Cover

**SL-VI i-Series
BASIC MODEL**

Fully Loaded

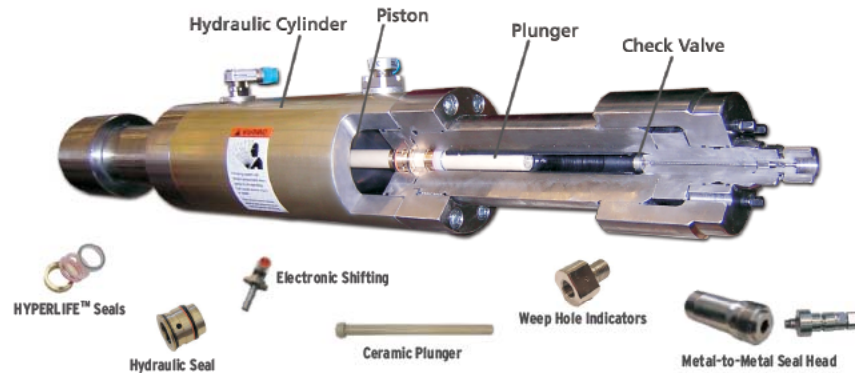
| DESCRIPTION | UNIT | 15 | 30 | 40 | 50 | 100 |
|---|---------|--------|---------|---------|---------|---------|
| Motor Rating | kW/HP | 15/ 11 | 22 / 30 | 29 / 40 | 37 / 50 | 75 / 50 |
| Pressure Range | PSI | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 |
| Max. Flow Rate at Max. Pressure (60 Hz) | gal/min | 0.30 | 0.69 | 0.84 | 1.00 | 1.88 |
| Length | in | 56 | 67.7 | 67.7 | 67.7 | 83.7 |
| Width | in | 28 | 45.6 | 45.6 | 45.6 | 53.7 |
| Height | in | 33 | 59.3 | 59.3 | 59.3 | 59.3 |
| CUTTING WATER CIRCUIT | | | | | | |
| Intensification Ratio | | 20.21 | 20.21 | 20.21 | 20.21 | 22.9 |
| Max. Stroke Rate | SPM | 19 | 38 | 49 | 59 | 75 |
| Attenuator Volume | Liter | .41 | 1 | 1 | 1 | 2 |
| Cutting Water Inlet Pressure | PSI | 35-100 | 35-100 | 35-100 | 35-100 | 35-100 |
| Min. Cutting Water Inlet Flow | gal/min | 1.4 | 2.8 | 3.5 | 4 | 7 |
| Low Pressure Filter | µm abs. | 10 | 10 | 10 | 10 | 10 |
| CONTROLS & ELECTRIC | | | | | | |
| Nom. Current at 480V/60Hz | A | 20 | 40 | 52 | 65 | 124 |

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 Stroke, 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



Normally Open &
Normally Closed Options

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.

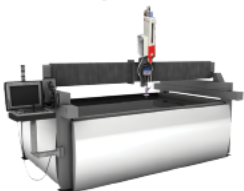


Unlike die cutting, waterjet doesn't compress & damage foam material creating a better product and less material waste



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

KMT Genuine Parts & Service

Your business is worth it.



THE KMT PREVENTIVE MAINTENANCE (PM) PROGRAM PROVIDES A 65 POINT COMPREHENSIVE INSPECTION FOR YOUR KMT PUMPS, PARTS AND COMPONENTS.



More Information on the KMT Genuine Service PM Program

PARTS AND SERVICE CONTACTS



800-826-9274 • 24 Hours a Day/7 Days a Week

Normal business hours are 7:00AM CDT to 5:00PM CDT

kmtgenuineparts@kmtwaterjet.com

kmtgenuineservice@kmtwaterjet.com

Order Parts Online: kmtgenuineparts.com



KMT Genuine Parts & Service is Closer Than You Think



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635 West 12th Street
Baxter Springs, KS 66713 USA
620-856-2151 • 800-826-9274
sales@kmtwaterjet.com
kmtwaterjet.com

