



METAL CUTTING



TIGHTER NESTING

WATERJET CUTS



SMALLER KERF



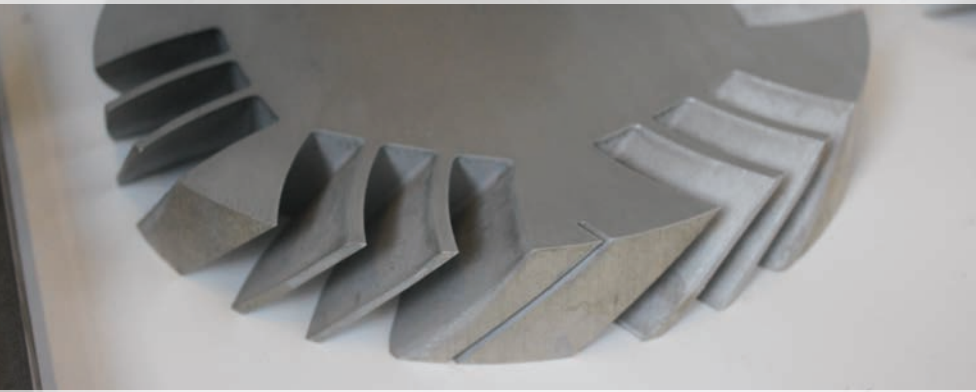
No HAZ



BURR FREE FINISH

- Aluminum
- Alloys
- Brass
- Bronze
- Copper
- Carbon Steel
- Cast Iron
- Composites
- Inconel
- Invar
- Lead
- Mild Steel
- Kevlar
- Stainless Steel
- Titanium
- Tool Steel
- & much more

FIVE-AXIS



NO MATERIAL STRESS



NO DUST OR FUMES



NEAR NET SHAPE



WHY WATERJET

- Eliminates Most Finishing
- Environmentally Friendly
- Cuts Multilayer Materials
- Cut 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



STREAMLINE® PRO SERIES 90,000PSI PUMPS



125hp/60hp
Dual Head Cutting
Redundant Intensifiers

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 90,000psi waterjet system is an attractive alternative to the standard 60,000psi waterjet technology.

PRO TECHNICAL DATA	125	60
Motor Rating	125 HP	60 HP
Pressure Range	14,500 - 60,000 PSI	
Max Flow Rate @ Max Pressure (gal/min)	1.58	0.74
Max Orifice Size @ 90,000 PSI*	.016"	.011"

*Contact KMT for information on orifice size with multiple cutting heads.

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



*60,000psi Parts Shown for Comparison

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.

INCREASED ORIFICE SIZES = INCREASED PRODUCTIVITY

SL-VI Single Head Cutting		
Orifice Size @ 30hp	→	.011
Orifice Size @ 40hp	→	.013
Orifice Size @ 50hp	→	.014

SL-VI 100hp # Cutting Heads	Orifice Size	@PSI
1 (1.88 gpm max)	.019"	60,000
2 (1.88 gpm max)	.013"	60,000
1 (2.00 gpm max)	.020"	55,000
2 (2.00 gpm max)	.014"	55,000

Values good for 60Hz & 50Hz



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
INDUSTRIAL MODEL

Fully Loaded

TRILINE™ 55,000PSI PUMPS



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

DIRECT DRIVE TECHNOLOGY - EFFICIENT & ECONOMICAL

- Frame-only Option for Flexible, Easy Integration
- Continuous Duty Water Pressure Generator
- Patented Valve Automatically Controls Pressure & Flow Rate
- Small Footprint & Emits a Low 82dBA Sound Level

Available in 30hp

More TRILINE Information



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 II 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 Genuine Parts & Service

Your business is worth it.

WATERJET

SHAPE TECHNOLOGIES GROUP®



THE KMT PREVENTIVE MAINTENANCE (PM)
Program provides a 65 Point Comprehensive Inspection for your KMT pumps, parts and components.

PARTS & 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

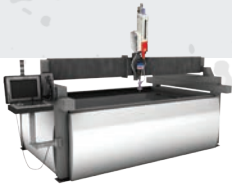


More Information on KMT Genuine Service PM Program

KMT Genuine Parts & Service is Closer Than You Think



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



More Information on KMT Global OEM's



KMT WATERJET
SHAPE TECHNOLOGIES GROUP®

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Android



iOS



NEW! Cut Calculator APP 2.0
Compare 90,000psi to 60,000psi cutting.
Increase Productivity @ 90,000psi!

