

Industry Leading Manufacturer KMT WATERJET

Ultra-High Pressure System Components



WHY KMT WATERJET?

- Complete Integrated High-Pressure Systems
- Worldwide 24/7 Sales and Support Network
- ISO 9001:2000 Certification; CSA and CE Certified



STREAMLINE™ SL-V HIGH PRESSURE PUMPS

- Longer run-times due to high precision in parts and reduction in seals
- Increase in pressure means faster cutting and cleaner edges
- Produces up to 60,000 psi from just one intensifier
- Redundant high pressure intensifier available
- Comprehensive list of features built into every system
- Available in 15, 30, 50, 75 and 100hp units



STREAMLINE™ SL-V E-SERIES HIGH PRESSURE PUMP

- Seal life is extended by the slower stroke rates of the high pressure plunger
- Continuously generates up to 55,000 psi
- Easily accessible components, seals, and parts
- Overall design is efficient, open, and functional
- Economical price and longer run times





NATURAL DIAMOND ORIFICE

- Recommended for greater reliability
- Standard equipment with KMT Waterjet
- Natural diamonds have better crystalline structure for more durability
- Made using a sintered process for perfect alignment and best performance

IDE™ (Integrated Diamond Eductor) ASSEMBLY CUTTING NOZZLE

- One piece body, orifice and mixing chamber design eliminates guesswork and reduces assembly time.
- Superior Operation - *10-20 times better performance over sapphires or rubies!*
- Permanent Alignment - Integrated orifice has 0% chance for mis-alignment.
- Stress-free Mount - Seal is formed between the body and nozzle tube, without stress on the diamond.
- Every head is guaranteed to last a *minimum of *500 hours*, saving money in maintenance, improving cut quality and operation. (**When used with Short Stop filter*)

AUTOLINE II™ CUTTING NOZZLE

- New design for easier maintenance
- Better cutting performance
- Maximum efficiency for lower operating cost
- Self-aligning for extended life of focusing tubes
- Mixing chamber and focusing tube can be replaced independently
- Patented design insures realignment to Tool Center Point
- Sharper, faster cutting stream uses less abrasive

SL-I, SL-II, AND SL-IV UPGRADE KITS

- New Hyperlife™ plunger seal, metal-to-metal end cap seal design
- Reliable delivery of 60,000 psi
- Update provides longer component life and efficiency in production
- KMT Waterjet engineering allows you to stay competitive and profitable

CUTTING HEAD VALVES

- KMT Waterjet reliability and durability
- Fast response times with minimal operating costs
- Simple, functional design for easy maintenance
- Tighter alignment with orifice extends life of consumable parts
- Designed for either pure water cutting or abrasive cutting
- Easy integration with any high pressure system

ABRASIVE HOPPER

- Simple, functional top loaded design for easy maintenance
- Warning signal when abrasive level is too low
- Models available to hold from 500 up to 2,000 pounds of abrasive
- Side gauge shows amount of abrasive in tank
- Top screen to filter out large pieces and prevent clogging



Authorized Representative:

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