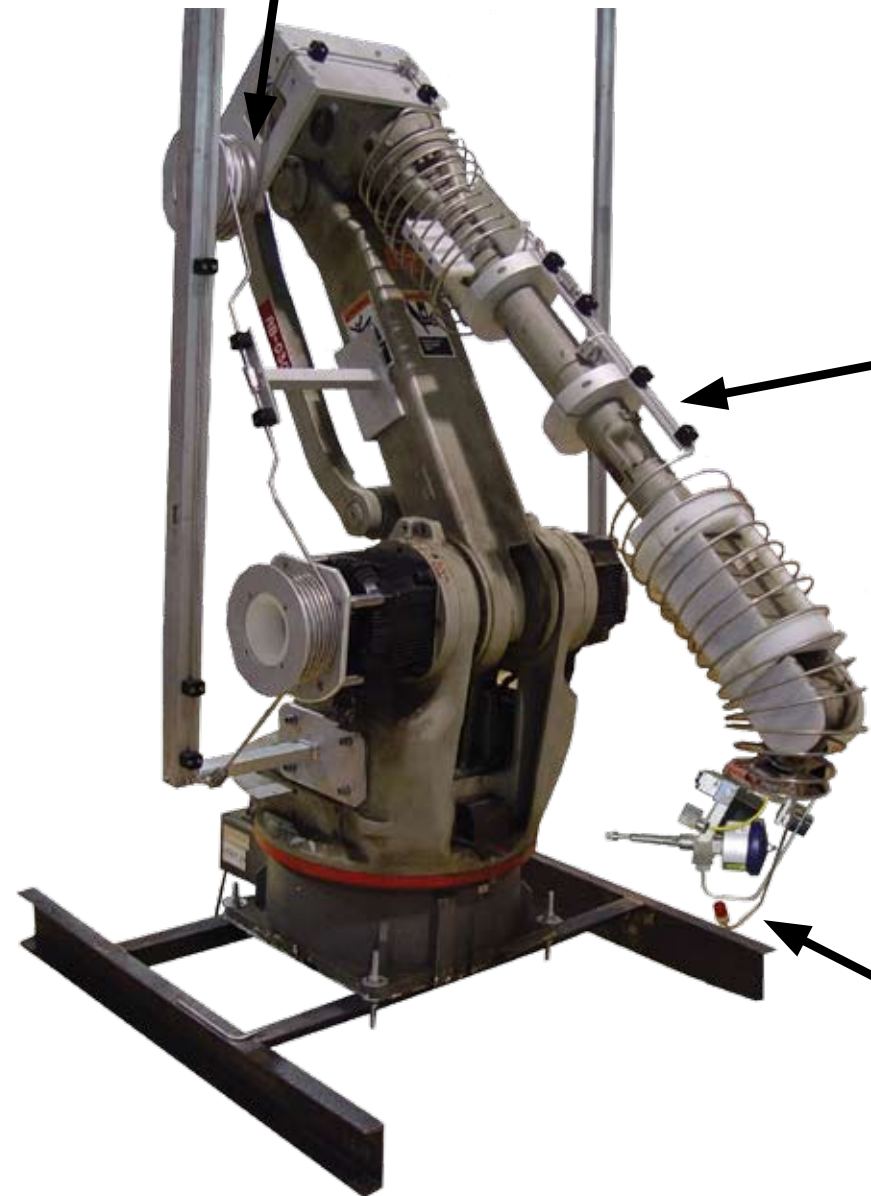


Engineered for every application!

Robotic interface components are not one-size-fits-all!
KMT engineers can customize any kit for your application.

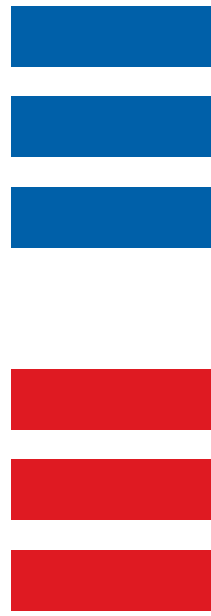
Interface kits include coil guides and coil supports that insure maximum coil life. All connections include anti-vibration glands and collars.



Coil guides and supports are designed for specific robot applications.

High pressure coils are supported by polyethylene brackets to protect the robot arm and the high pressure tube.

Collision sensors for each robot are optional.



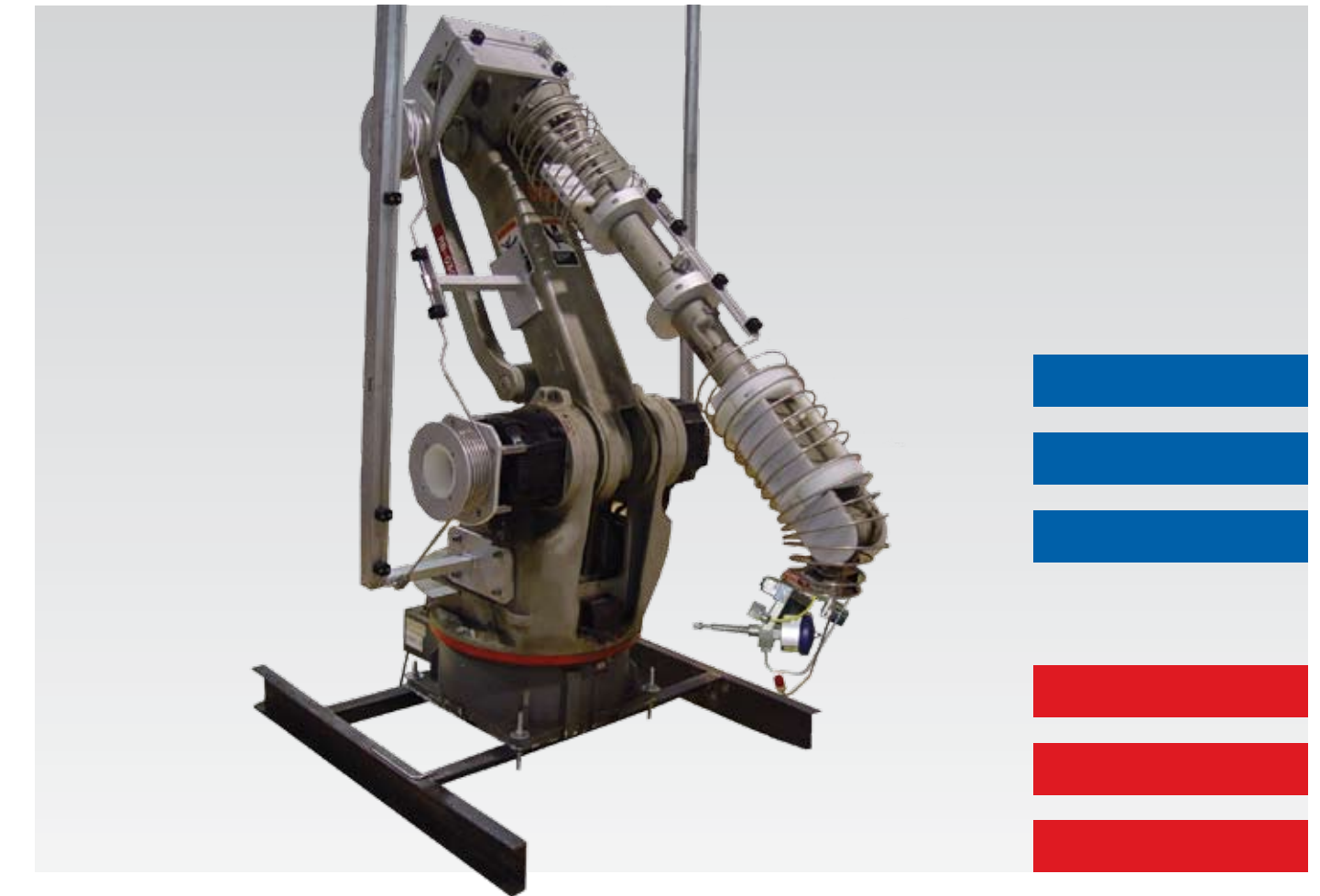
Advancing Waterjet Technology
Worldwide Sales and Support Network
Making Waterjet Systems Easier to Use, with Greater Reliability
ISO 9001:2000 Certification; CSA and CE Certified
Trained, Certified Technicians
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KMT Waterjet Systems Inc.

635 W. 12th Street • P.O. Box 231 • Baxter Springs, KS 66713
Tel.: 1-620-856-2151 • Fax: 1-620-856-5050
www.kmtwaterjet.com • sales@kmtgroup.com

RIK-08/08



KMT Waterjet Robot Interface Kits Robust Waterjet Kits for Robots



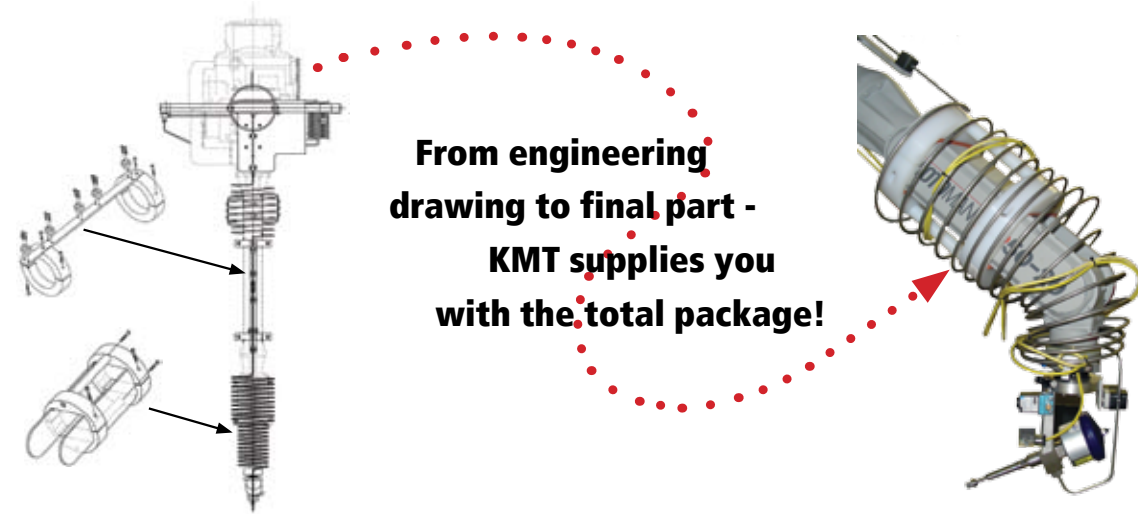
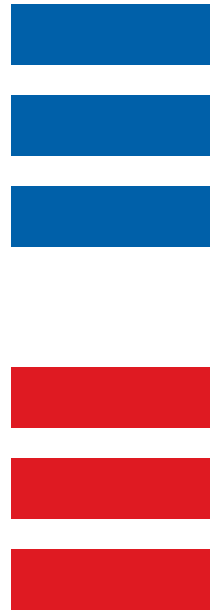
COMPANY OVERVIEW

KMT is a leading manufacturer of waterjet cutting systems and developer of "Cutting Edge Solutions" for customers in a very wide range of industries. The focus of the company is on intelligently developing high pressure systems and parts for ease of use and reliable operation by customers.

The strength of the company is found in the strong waterjet experience of the employees (tracing back to 1971), the largest network of system integrators in the world, and the continual investment in research and development, using customer feedback.

The world's largest network of system integrators and support people are available to assist with more information at any time.

For the best waterjet system, replacement parts and robotic interface components, rely on the "Cutting Edge Solutions" delivered by **KMT**.



The Value of Genuine KMT Robot Interface Kits

KMT understands the importance of reliable robot systems and builds kits for durability and reliability even at high speeds.

KMT customized robot interface kits are designed to help your robotic system run at peak performance levels.

KMT robot interface kits have a 6 month limited warranty.

KMT robot kits are supported by an organization of qualified and experienced aftermarket representatives.

KMT stocks a comprehensive inventory of high quality original equipment robotic spare parts.

Shipment of stock items in one business day and emergency same day delivery.

KMT representatives are on hand 7 days a week to answer technical questions, ship parts and, if required, dispatch a field service technician for an emergency site visit.

Emergency after hours support via a toll-free phone call at 1-800-826-9274.

The AQUALINE™ Waterjet Cutting Head Long Lasting for Demanding Applications!

The AQUALINE™ with optional FS (Fast & Sure) pneumatic valve, is the perfect cutting head for robot applications. The AQUALINE™ is the complete cutting head including valve, orifice & nozzle tube.

Our pneumatic valves, available as standard valve or our FS premium valve, combine fast response times with long life to deliver very reliable, predictable service. The FS valve delivers even longer life for the more critical production lines. The AQUALINE™ enables longer production runs, resulting in the production of more parts.

Reliability Under Extreme Conditions

Our AQUALINE™ waterjet cutting head has gained an industry-wide reputation for being among the quickest and the most reliable waterjet cutting heads under extreme working conditions, through fast reaction times, high component lifetimes and quality.

Applicable in 1D to Multiple Axis Systems

The AQUALINE™ cutting head is widely used in robotic "3D Cutting Boxes" as well as multi-dimensional cutting machines.

High Performance Nozzle Valve

The multiple cutting cycles found in these industries place huge requirements on the on/off cycle speed and reliability of the cutting valve. The dependable valve performance is due to 12 stainless steel springs which apply the force to open or close the valve.

Depending on the application, normally closed (N/C) and normally open (N/O) cutting valves are available. The valves have the following cycle times (water @ 50,000 PSI):

VALVE	OPENING	CLOSING
NC	48 MS	160 MS
NO	48 MS	115 MS

(MS = Milliseconds)

Compact Design for Flexible Use

The AQUALINE™ head weighs only 3.97 lbs guaranteeing high flexibility and making multihead and 3-D applications easy. It can be equipped with both sapphire and diamond orifices. Diamonds provide hundreds of hours of high quality, consistent cutting with low average cost per hour while sapphires typically have shorter lives, lower purchase price, but higher average cost per hour.



Technical Data

Length: 1.97"
Width: 1.97"
Height (with 8" Nozzle Tube): 19.29"
Weight: 3.97 lbs
HP Connection: 3/8" UNF
Mounting Screws: (2x) 1/4" x 7/8"

KITS AVAILABLE FOR THESE ROBOT MODELS*

MOTOMAN	FANUC	ABB
SK-16	M-710iB	IRB 2400
SK-16M	M16iB	IRB 4400
UP-20M		

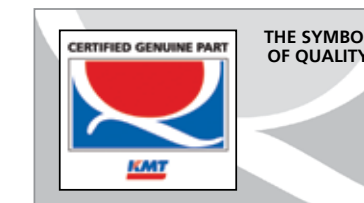
*Other kit models available. Model numbers shown are for reference only.

Please have the following information ready and call us toll free at 1-800-826-9274 to discuss your application and specifications:

- Basic description and model number _____
- Robot style and range of motion _____
- Payload _____
- Robot options, such as end of arm reach, waterproofing, etc. _____

You will be asked the following questions:

- Will the robot be floor mounted? _____
- Will the robot be enclosed or exposed? _____
- What will be cut by the robot? _____
- Will any axis require more than 360 degree rotation? _____
- Will the kit include an End of Arm Collision Sensor? _____
- What are the delivery requirements? _____



Toll-free order-line: 1-800-826-9274
www.kmtwaterjet.com