

MOVEABLE PATHWAYS FOR FLUIDS, POWER, AND SIGNALS

Manufactured To Help You
Build Your Product Better

- Fluid Swivels
- Electric Slip Plates
- Telescoping Waterways
- Value-added Assemblies



DESIGNED FOR SUCCESS... YOUR PRODUCT'S SUCCESS

Your customers demand strength and dependability in the equipment and machinery you build. Your products work in formidable environments under tough conditions, from remote construction sites to busy metropolitan centers. To meet these challenges, the components you choose for your assembly must meet the highest standards of design and quality—the standards your customers demand. That's why you should turn to Hydromotion.



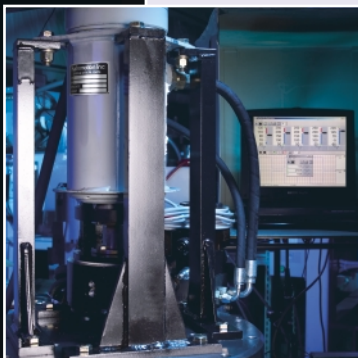
A strong engineering foundation means quality and technical excellence in every Hydromotion product.

Our engineering-intensive, customer-focused organization understands these needs—yours and your customers'. It's the reason we have the commitment and capability to design and manufacture the performance, reliability, and quality that you need into every Hydromotion product.

VALUES THAT MATTER TO YOU AND YOUR CUSTOMERS

We provide the kind of values that help you build sales, generate repeat business, dominate your competition, and expand your markets:

- Technical Excellence—building products that work right every time, with a sustained operating life cycle
- Responsiveness—meeting diverse needs and ever-changing requirements and meeting them fast
- Value—providing cost-effective, competitive solutions
- Flexibility—adapting when you need to accommodate your customers' unique demands
- Technology—satisfying difficult specifications, and developing creative solutions



Modern production facilities and comprehensive testing lab ensure cost-effective, dependable products.

PRODUCTS AND SERVICES— FOCUSED TO FIT YOUR NEEDS

Hydromotion has grown to a market leadership position by serving our customers with both standard and custom designed system components and assemblies, made to fit the customers' specifications:

- Fluid Swivels—Custom designed high quality fluid transmission for industrial and vehicular applications
- POWER PLATE™ Electric Slip Plates—Unique, 360° constant contact design*, for dependable electric power transfer and low noise data transmission, with available position sensing for maximum control
- Telescoping Waterways—Precision, long life design for fluid transmission to the point of application in fire apparatus, airport service vehicles, robots, and construction equipment
- Value-added Assemblies—Customized products for answering specific customer requirements

*Patent pending

Hydromotion engineering means reliable, dependable performance in rotating and telescoping pathways for transmission of fluids, electric power, and data in vehicular, industrial, and electronic applications.



ENGINEERING AND MANUFACTURING RESOURCES THAT COMPLEMENT YOURS

We dedicate the rich skill set of our people and our advanced engineering support systems, tooling, and production equipment to enhance your product's performance. It's a commitment that flows from conception and design to production, testing, and packaging.

- Engineering and technical staff with extensive electrical, mechanical, and hydraulic experience that can analyze your needs and develop the most effective solution
- 3-D CAD system, including 3-D modeling, finite element analysis, and application capability
- CNC machining centers, with 4th axis rotary tables, and conventional machining, in a "Lean Manufacturing" environment
- Fully equipped lab for electrical and hydraulic pressure testing
- Certified welders (ANSI Specification D1.1) using motion-controlled fixtures to optimize penetration and deposition rates



Advanced computer design and modeling facilitate development, providing responsive solutions for our customers.



Your needs and applications drive our design and manufacturing, whether for a standard product or a custom solution.



Certified welding means the best sealed, strongest products possible.

PRODUCT APPLICATIONS THROUGHOUT INDUSTRY

Hydromotion products are serving customers everywhere electric power, data, or fluids must be carried through movable joints. Current and future application areas include:

- Aerial fire apparatus*
- Aerospace*
- Chemical handling*
- Data communication and transmission*
- Forestry*
- Industrial systems*
- Machine tools*
- Marine*
- Material handling*
- Medical*
- Military*
- Mining*
- Mobile construction*
- Papermaking*
- Robotics*
- Rotary signage*
- Tank farms*

Hydromotion will work with you to develop solutions for your applications, whether you need an existing product or a novel design.





PUT HYDROMOTION TO WORK FOR YOU

For over three decades, Hydromotion has brought superior engineering and manufacturing to solving industrial challenges. Contact Hydromotion for information about how we can help you.

Hydromotion is a fully owned subsidiary of Texas Hydraulics, Inc.



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