



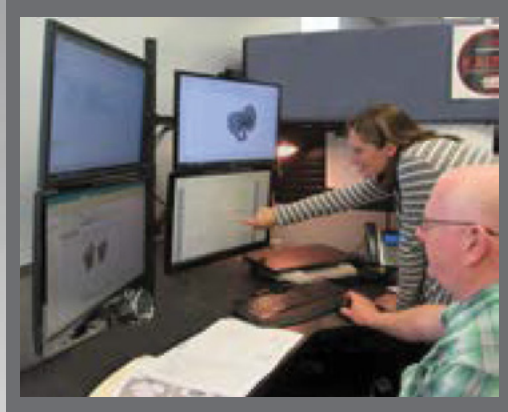
# **TECHNOLOGY**

THAT WORKS FOR YOU



**CONNECT • ROTATE • ELEVATE**

At Hydromotion, we provide the kind of value that helps you build sales, generate repeat business, dominate your competition and expand your markets. With the strongest engineering team in the industry, you can be certain that our custom designed solutions meet your exact requirements.



### Designed For Excellence

Hydromotion has specialized in the design and manufacture of electric slip plates, fluid swivels, position sensing systems, and combination swivels for over 40 years. Our patented designs, complemented by our experienced engineering team and manufacturing processes, ensure the highest performance and quality in all our products.

### Supporting Your Success With:

- Industry leading standards backed by ISO 9001 certified quality systems and world class processes
- Certified welders (AWS D1.1) using motion-controlled fixtures to optimize penetration and deposition rates
- Fully Equipped lab for electrical, hydraulic pressure, and rotational testing at 150% of operating pressure
- Creo CAD system, including 3-D modeling and finite element analysis
- Unsurpassed After-market Service, Re-manufacturing and Rebuild capabilities



### Fluid Swivels For Demanding Applications

For hydraulic flows up to 300 GPM and pressures up to 7,500 PSI, let us design you a custom fluid swivel for your industrial or mobile equipment. Compact design, reliability, optimized sealing solutions, low pressure drops and integrated position sensing encoders are just a few of the value added features that Hydromotion fluid swivels deliver on your mission-critical application.

#### Designed to handle the flow of a combination of media:

- Oil
- Water
- Gas
- Air
- Various Chemical compositions

#### At your specific:

- Flow Rate
- Temperature
- Pressure



### POWER PLATE™ Electric Swivels

The continuous connection technology in our POWER PLATE™ family of slip plates eliminates the weaknesses of conventional slip rings in the rotating transmission of power and information.

- 360° contact between fixed and rotating elements
- Unsurpassed signal integrity for CAN/BUS, full HD video, and other multiplexed signal communications
- Low ownership cost and longer life cycle
- 30 amps per plate up to 36 circuits with 16GA to 10GA wire (can be bundled up to 6GA)



### Cutting Edge Fire Aerial Swivels

- Water passages available in 4", 5" and 6" with pressure ratings to 400 PSI
- Hydraulic pressure rating can range from 4,500 to 10,000 PSI
- Compact design, capable of 30 amps per circuit up to 42 circuits, wire gauges from 16GA to 10GA
- Unsurpassed signal integrity for CAN/BUS, full HD video and other multiplex signal communications
- 360 degrees rotation with field serviceable internal and external encoders for exact positioning



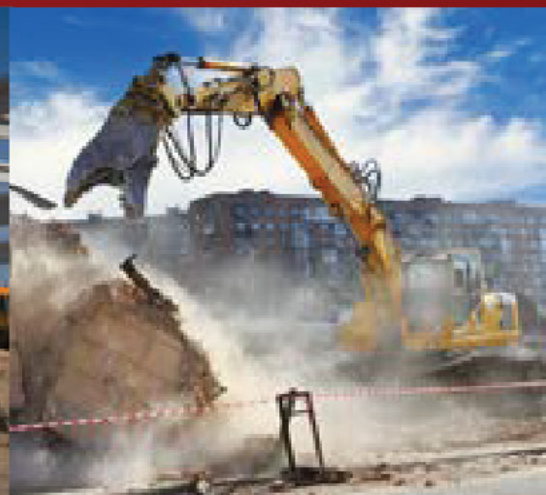
### Polymer Housing Power Plate Swivel

With a high-impact polymer housing, molded-in components and standard configuration of twelve pre-wired, 30 amp circuits, this is the economical solution for a broad spectrum of applications. An environmentally sealed housing and dry lubricant eliminate maintenance cost, and at only 2.6 pounds and 4.75 inches tall — it's the perfect option for weight-critical applications and tight spaces.



### Combining Leading Technologies

Build more versatile and reliable mobile equipment and service vehicles with Hydromotion combination electric/ fluid swivels. The combination of fluid handling characteristics and electrical reliability is unmatched in the industry.



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TH Holdings affiliated brands:

**HYDROMOTION** **TEXAS** **OILGEAR**  
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## **HYDROMOTION**

### **PUT HYDROMOTION TO WORK FOR YOU**

For over four decades, Hydromotion has brought industry-leading engineering and manufacturing solutions to application challenges in various mobile equipment markets around the world.

Contact us for more detailed information based on your requirements and make Hydromotion part of your team!