MOBILE HYDRAULIC
JOYSTICK & CONTROL SOLUTIONS
A DEDICATION TO QUALITY & RELIABILITY

Whether your duty cycle is high or your operators are heavy-handed, J.R. Merritt’s extensive range of control solutions are hand-crafted and tested to withstand the harshest conditions and use. A stringent focus on quality control in our U.S.-based manufacturing facility ensures the utmost accuracy and quality of all our joysticks.

PRODUCTS SPECIFICALLY DESIGNED FOR YOU

Every controller we build is as unique as its application and operator. From the handle to the output technology, we partner with our customers to identify and engineer the controls that will meet and exceed the needs of their application. When choosing to work with us, consider our engineers and technical staff an extension of your own team.

ENGINEERING SUPPORT THAT GOES THE EXTRA STEP

We go far beyond simply supplying controllers and chair systems for your machinery. Our engineering and design teams will work closely with you from concept through installation, thus becoming an extension of your development staff. With manufacturing, engineering and service based in the U.S., we are only a phone call away to provide support throughout the life of your equipment and operation.
With local and worldwide engineering support, we are capable and passionate about designing solutions that meet your most stringent requirements. Regardless of your industry, we take the time to understand the requirements of your application, so we can engineer the ideal solution that optimizes the operation of your equipment.

- Limitless Configurations
- Co-Designed to Meet Your Needs
- Full Engineering Partnership

Let Our Engineers Be Your Engineers

With local and worldwide engineering support, we are capable and passionate about designing solutions that meet your most stringent requirements. Regardless of your industry, we take the time to understand the requirements of your application, so we can engineer the ideal solution that optimizes the operation of your equipment.
FEATURES & OPTIONS
• Single or multi-axis
• Non-contacting and contacting technologies
• Spring-return, maintained, or friction-held handle action
• Drop-in or panel-mounted base
• And more.

APPLICATIONS
• Construction
• Agricultural & Forestry
• Road & Maintenance
• Marine

CONFORMAL-COATED ELECTRONICS THAT RESIST MOISTURE
ENVIRONMENTAL PROTECTION UP TO NEMA 4 / IP66*

*Does not apply to all joystick models.
FEATURES & OPTIONS
• Single or multi-axis
• Non-contacting and contacting technologies
• Spring-return, maintained, or friction-held
• Drop-in or panel-mounted base
• And more

APPLICATIONS
• Construction
• Mining
• Agricultural & Forestry
• Road & Maintenance
• Airport Ground Support

*Does not apply to all joystick models.
FEATURES & OPTIONS
- Push buttons
- Rocker switches
- Handle twist
- Thumbwheel
- Mechanical interlock
- Deadman functions

PURPOSE BUILT JOYSTICK HANDLES

CONFIGURABLE WITH A RANGE OF BUTTONS AND ROCKER SWITCHES
CAPABLE OF TWIST AND VARIOUS DEADMAN FUNCTIONS
OPERATOR CHAIR SYSTEMS

FEATURES & OPTIONS
• Full range of seat and console adjustability
• Rotating or fixed base
• Flip-up or fixed consoles
• Mechanical or pneumatic suspension
• Velour or vinyl seat upholstery

PORTABLE & REMOTE OPERATOR CONSOLES

FEATURES & OPTIONS
• Joysticks and pilot devices configured to your requirements
• NEMA 4 - IP54 weatherproof sealing
• Breast plate with simple harness offers comfort for extended work periods.*

* Breast plate not offered with FOP-02
CAN-BASED MODULES & CONTROL SYSTEMS

FEATURES
- Configurable to CANopen, J1939 or basic CAN protocols.

Partnering with the Trionic Group, we offer complete electronic control systems for industrial vehicles from concept to production. Associated solutions include:
- AC Controllers
- AC Motors
- Load Cells
- Wide Angle Transducers
- Pressure Transducers
- Hand-Held Calibration Tools

VISIT JRMERRITT.COM
- PRODUCT DETAILS AND DRAWINGS
- SPARE PARTS & INSTALLATION INSTRUCTIONS
- NEW PRODUCTS & COMPANY NEWS

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