

SURE GRIPTM

CONTROLS INC.



Joysticks and Electronic Throttles

Joysticks

We offer reliable single axis and multi axis joystick controls that can be configured to your exact needs.



Endurance Series Joystick

Built to withstand the most demanding environments with maximum operator comfort.

- Dual axis, ergonomic design
- IP69K (IP67 below panel) sealing
- SAE J1939, CANopen outputs
- -40°C (-40°F) and +85°C (185°F) operating temperature



Demand Series Joystick

An ergonomic control solution that provides reliability and efficiency to today's refuse collection vehicles (RCVs).

- Dual axis
- IP67K sealing
- CAN output
- -40°C (-40°F) and +85°C (185°F) operating temperature



Elevate Series Joystick

Durable control for MEWP equipment and single-axis applications.

- Single axis
- IP69K sealing
- Ratiometric 0.5 VDC to 4.5 VDC output
- -40°C (-40°F) and +85°C (185°F) operating temperature



Harvest Series Joystick

A configurable, rugged and long-lasting solution for electronic control in agricultural harvesting machines.

- Single and dual axis spring-return-to-center or friction hold configurations available
- Sealing up to IP67
- Proportional and switched outputs
- Operating Temperature - 40° to +85°C



Precision Series Joystick

These joysticks feature the right combination of buttons, sliders and rockers suitable for telehandler designs.

- Dual axis
- IP67K sealing
- -40°C (-40°F) and +85°C (185°F) operating temperature

Throttles

Customizable floor mount, suspended and wig-wag throttles for tough OEM demands..



Floor Mount Throttles

For applications where the operator is seated or standing

- Throttle or accelerator control
- Aluminum, steel or composite plastic
- Multiple sensor, angle and connection options
- Heavy duty construction



Suspended Throttles

For applications where firewall mount is preferred

- Throttle or accelerator control
- 20° travel
- IP66 or IP67 sealing
- Aluminum, steel or composite plastic



Wig-Wag Throttles

Most popular in the sweeper/scrubber industry

- Throttle or accelerator control
- Aluminum, steel or composite plastic
- Multiple angle and connection options
- Heavy duty construction



Custom Throttles

Custom solutions that are competitively priced for low to moderate volumes.

- Extensive OEM experience
- Rugged designs
- On-time delivery
- Unsurpassed product quality



Display Controllers

Customizable smart displays and controllers for a variety of demanding OEM applications

- Analog controllers operate up to 4,000 RPM
- Environmentally sealed for extreme environments
- J1939, alternator, magnetic pickup and AC coil pack inputs



Joystick Handles

Our modular handles offer precision and operator comfort for the most extreme environments. All handles are designed to be paired with Sure Grip Controls' bases; universal handles can also be configured to work with other manufacturer's bases.

ELECTRONIC HANDLES



BE Center Lock Handle

A revolutionary and secure center-lock handle designed for comfortable control.

- IP67 sealing
- Ergonomic paddle-style lever
- Designed for JSM joystick base



LE Handle

Our large electronic handle designed to support up to 10 buttons.

- IP67 sealing
- Customizable sealed overlay
- Designed for JSL and JSM joystick bases



JE Handle

An ergonomic electronic handle that can support up to 4 buttons.

- IP67 sealing
- Customizable sealed overlay
- Designed for JSL and JSM joystick bases



KE & NE Handles

Lightweight and durable with excellent ergonomics, ideal for extreme duty applications.

- Sealing up to IP67
- Switch tested to 10 million operations
- Available with 0, 1 or 2 switches
- Designed for JSL and JSM joystick bases

UNIVERSAL HANDLES



LU Handles

Our large, universal handle with a sleek design and easy-to-use interface accommodates up to 10 buttons.

- Sealing up to IP67
- Switches tested to 10 million operations
- Customizable sealed overlay



CU Handles

Mid-sized universal handle that can support up to 4 buttons.

- IP67 sealing
- Customizable sealed overlay
- Standard configurations for next-day shipping



SU Handles

Small and ergonomic universal handle that supports up to 2 buttons.

- IP67 sealing
- Customizable sealed overlay
- Standard configurations for next-day shipping



AU Handles

Adjustable shaft diameter and rotating faceplate for aftermarket applications.

- Attaches to 3/8" to 3/4" diameter shafts
- 360° rotating faceplate
- Supports up to 4 buttons or 2 modules

Joystick Bases

Operating from -40°C (-40°F) to +85°C (185°F), our joystick bases can be paired with the perfect Sure Grip handle for your specific application.



JSC Series Joystick Base

Flexible design and connection options for the rugged off-road market.

- Dual axis
- IP69K/IP67 sealing
- CANbus J1939 or analog output



JSM Joystick Base

Multiple output options and internal wire configuration for harsh environments.

- Single or contact-less multi-axis
- Up to IP67K sealing (handle dependent)
- CAN, Proportional, switched, USB, and PWM output



JSL Joystick Base

Our largest joystick featuring multiple output options and gimbal mounting.

- Single or multi-axis
- Up to IP67K sealing (handle dependent)
- CAN, Proportional, switched, USB, and PWM output

Miniature Thumb Controls

Precise, linear motion control for stand-alone installations or in our electronic and universal handles.



Slider Module

Precise, linear motion control for stand-alone installations or in our electronic and universal handles



Proportional Rocker Module

Single or redundant output modules with the rugged cycle life of a sealed assembly.



Switched Rocker Module

Long-lasting, ergonomic modules for stand-alone installations or in our handles.



MJS Joystick

Intuitive thumb control operation for a wide range of stand-alone or joystick applications.

Additional Products

We offer electronic throttles, sensors and other custom products for rugged mobile applications.



Power Modules

Power Modules are used to increase/decrease power or to convert power.



Electronic Sensors

Wide variety of resistive element or Hall effect sensors.



E-Stops

Emergency Stops (e-stops) prevent injuries and save lives.



Hand Controls

Variety of durable hand controls for applications where foot controls are not appropriate.

Sure Grip Controls is an ISO certified company specializing in custom control solutions for vehicles and equipment in agriculture, construction, forestry, transportation and industrial applications. Our joysticks, miniature thumb controls, and control electronics are meticulously designed, engineered, manufactured and quality-tested to meet manufacturer's specifications while delivering long-lasting, reliable performance. We work closely with hundreds of original equipment manufacturers around the world to develop innovative solutions to their challenges. Whether it's a few joysticks or thousands, our engineering, manufacturing and fulfillment teams are ready to produce your project. Our flexible manufacturing and distribution systems are designed to meet the needs of our global customers.

Contact us today to find out why there's nothing we can't handle.

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