

SURE GRIP CONTROLS™

Electronic Throttles

Foot Throttles

Built to Perform

Our electronic throttles are engineered to meet the toughest OEM demands, delivering outstanding reliability and durability. Products are designed for light, medium, and heavy commercial vehicle applications, for both on and off-highway use.

We offer a wide range of throttle types to suit your application needs—floor-mount, suspended, and bi-directional configurations. When standard products don't meet your needs, our specialized team of engineers can tailor a custom solution specifically for your application.

All of our electronic throttles feature either Hall effect sensing or resistive element technology, ensuring a dependable and robust drive-by-wire signal. They are compatible with all major engine manufacturers and can be factory-configured to deliver the optimal combination of APS (Accelerator Position Sensor) and IVS (Idle Validation Switch) signals for your application.

Features and Benefits

- Optimized for light, medium, and heavy-duty commercial vehicle applications.
- Compatible with internal combustion and electric-powered drivetrains.
- Hall effect or resistive element sensing for reliable, durable drive-by-wire control signal
- Flexible configuration of APS and IVS signals
- Multiple types, angles, sizes and mounting options meet exact application requirements

Applications



CONSTRUCTION | SWEEPERS | FORESTRY | AGRICULTURE | MATERIAL HANDLING | MINING | MEWP UTILITY VEHICLES | GROUND SUPPORT

Electronic Throttles Designed to Meet Tough OEM Demands



Floor Mount Throttles

- For applications where the operator is seated or standing
- Throttle or accelerator control
- Multiple sensor options up to 48V
- Multiple angle options
- Multiple connection options
- Aluminum, steel and high-strength composite plastic options
- Heavy duty construction



Suspended Foot Throttles

- For firewall mount applications
- Throttle or accelerator control
- Flexible angle and connector options
- Aluminum, steel, or high-strength composite build
- Engineered for tough, high-duty environments



Bi-Directional Throttles

- Preferred choice in sweeper and scrubber applications
- Throttle or accelerator control
- Flexible angle and connector options
- Aluminum, steel, or high-strength composite build
- Engineered for tough, high-duty environments

Custom Throttles



Bailey is your trusted partner for custom electronic throttle solutions. With deep OEM experience and advanced engineering capabilities, we rapidly deliver rugged, application-specific designs — on time and with exceptional quality. What sets us apart? Our ability to competitively manufacture low to moderate volumes with the agility and attention to detail your project demands.



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