



Electronic Throttle Control Systems



ORSCHN®



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Electronic Throttle Control Systems

www.orschelnproducts.com

Orscheln Electronic Throttle Control Systems (ETCS) are designed with the end user in mind, to deliver a precision signal that interacts with the engine's electronic fuel management systems and to provide smooth responsive interface with the operator.

Orscheln ETCS are designed to work in a wide variety of applications from on-highway trucks and buses, off-highway agricultural and construction equipment to a wide range of specialty vehicle uses.

- Trucks
- Buses
- Vans
- Stationary Equipment
- CNG
- Hybrid
- Military
- Construction
- Agriculture



Orscheln supports global customers

- Dedicated design and application engineering support team
- Manufacturing in North America and Europe

Validation and durability testing include:

- FMVSS
- Electrical Sequence
- EMI
- Vibration
- Temperature Cycle
- Dust Ingress
- Humidity
- Chemical Resistance
- Water Ingress
- Salt Spray
- Handling Shock
- Endurance

100% end-of-line testing on all throttle assemblies with electronic footprint recorded.



Sensor Technology

Orscheln ETCS are available in a wide variety of configurations to meet the customer's and end user's exact requirements. It starts with understanding the engine's electronic fuel management systems.

Orscheln works closely with customers to develop sensor technology to meet the specific application requirements. Both non-contact and contacting technology are applied.

Sensor outputs available include Ascendent, Descendent, A+D, Dual Output (A+ Half A), P.W.M., Signals+Switch.



Orscheln is a global supplier offering a broad range of motion control products and systems to the heavy-duty vehicle marketplace.

Floor Mounted

Floor mounted foot pedal assemblies are available in all polymer and a combination of polymer and steel materials.

- Lightweight
- Robust/Durable design
- Corrosion-resistant
- Complies with FMVSS-124
- Various pedal angles
- Various connector options and harness lengths



Suspended

The suspended pedals are designed for ease of installation and flexibility for ergonomic positioning. Adaptable designs incorporate all polymer or polymer/steel.

- Lightweight
- Robust/Durable design
- Corrosion-resistant
- Complies with FMVSS-124
- Fire wall mount
- Various pedal rotation angles
- Various connector options and harness lengths



Hand Throttle

Hand throttles are designed for use with electronic engines to allow hand control of the engine.

- In-cab location
- Remote location
- Easy to operate
- Precise control of engine
- Quick shut-down feature available

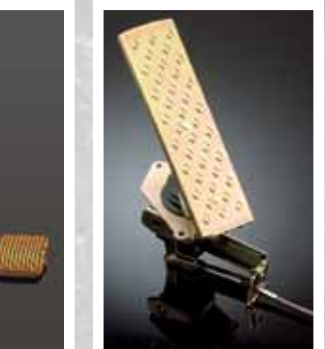
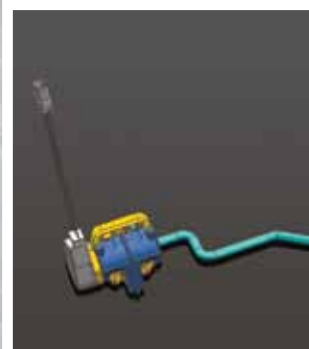
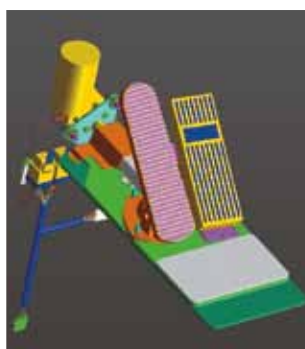


Custom Designs

Orscheln ETCS are available in custom designs to meet the customer's ergonomic, mounting and space envelope requirements. Mechanical and electromechanical are available.

Application support can provide:

- Design
- Development
- Validation





check » shift » accelerate » park

Markets

TRUCK



BUS



CONSTRUCTION



AGRICULTURE



MILITARY



Products

PARK BRAKE SYSTEMS



MECHANICAL CONTROL CABLES



FLUID LEVEL INDICATORS



ELECTRONIC THROTTLE CONTROL SYSTEMS



SHIFT CONTROL SYSTEMS



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Specifications subject to change without notice.

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