

Making machines smart, safe and productive



Operator-machine interface solutions for critical environments

maximatecc specializes in operator information and control solutions for industrial vehicle manufacturers and systems integrators in a diverse range of industries — including the rugged construction market. Our company also designs and manufactures custom instrument clusters under leading brand names such as Stewart-Warner and DATCON. Branded maximatecc products and custom solutions are used by the world's leading construction, earth moving, material handling and mining equipment OEMs.



Heavy-duty industrial gauges

Some applications are much tougher than others. That's why maximatecc offers Stewart-Warner and DATCON gauges designed for severe-duty, off-highway, industrial and specialty vehicles used in the most challenging environments. These industrial electrical gauges are based on proprietary air-core movement and are compatible with industry standard sensors and senders. The heavy-duty DDBI 500 electronic gauges are driven by stepper motors and connect to vehicle J1939 network directly. These gauges can be customized to meet exact customer requirements.

maximatecc is a leading manufacturer of SAE J1939 compliant instruments for heavy-duty, off-road vehicle OEMs. Learn more at maximatecc.com.

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maximatecc markets

maximatecc instrument clusters, gauges, displays and accessories deliver reliability and efficiency in some of the world's most demanding applications — standing up to extreme temperatures, moisture, UV, shock and vibration. Key markets served are:

Agriculture – Combine harvesters and tractors

Classic Cars – American muscle cars, antique cars, hot rods and street rods

Commercial Vehicles – Diesel generators, medium to heavy-duty trucks, passenger coaches, refuse trucks and tractor trailers

Construction – Construction, earth moving, material handling and mining equipment

Marine – barges, fishing boats, recreational vessels, service vessels and tug boats

Specialty Vehicles – ATVs, ambulances, courtesy vehicles, fire trucks, industrial forklifts and recreational utility vehicles



maximatecc engineers and builds an extensive line of gauges, instrument clusters and other innovative products to keep vehicle operators safe and in the know.



Instrument Clusters

maximatecc instrument clusters provide operators of on-highway, off-highway, industrial and specialty vehicles clear and fast access to the important data they need. Standard clusters include three to five electronic gauges with stepper motor technology, 12 to 27 LED status indicator lights and single line LCD or multi-line dot matrix display for added information. maximatecc engineers also design custom clusters to fit precise needs.

Senders and Sensors

maximatecc designs and manufactures the industry leading DATCON senders. Float-arm fuel-level, temperature and pressure senders are designed to match Datcon gauges. Fuel senders are also available to cover other electrical matches, such as 10-180Ω, 0-90Ω and 10-73Ω. Fully electronic vertical level and volume sensor line called IntelliSensor® for hydrocarbon-based fuel measurement features no moving parts for best-in-class durability, reliability and accuracy. Speed sensors, i.e., magnetic pick-ups (MPUs) and pulse generators, are also offered for tachometers and speedometers.



Hourmeters

Our Datcon sealed 2" diameter round and mini rectangular LCD hourmeters with digital indices offer an excellent combination of accuracy, ruggedness and all around performance. The units are ideal for applications in harsh environments.



One of six businesses in the Actuant Engineered Components & Systems segment, maximatecc supplies customers throughout the world. Our main headquarters and engineering center of excellence is located in Lancaster, Pennsylvania in the United States. maximatecc also serves our global customer base out of state-of-the-art facilities in Spain and Brazil. Learn more at maximatecc.com and actuant.com.

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