A HISTORY OF QUALITY MILITARY PRODUCTS

Maxima is a full-service, global electronics company specialized in “ruggedized” vehicle instrumentation, controls and components. Maxima’s brands—Datcon, Stewart Warner and AST—have a rich heritage, dating to 1893 when Hamilton Watch Company was incorporated. (Of course, many well-known Hamilton watches were worn by military personnel, especially during World War II.)

Datcon evolved into a company in 1970, when a Hamilton department producing automotive clocks and hourmeters was spun off. Today, the military uses totally sealed Datcon hourmeters because they are regarded as rugged, reliable and accurate, as well as high-quality Datcon gauges on vehicles such as the U.S. Marine Corps’ MTVR.

Stewart Warner originated in 1905, and the company’s first product—a speedometer—was used on the Ford Model T. Historically, Stewart Warner gauges, speedometers, tachometers and sending units were used in a wide array of military vehicles and even aircraft. And today, Stewart Warner products are used in military vehicles such as the FMTV, MTVR, HMMWV and Bradley fighting vehicle.

In addition to Maxima’s military instrumentation, we serve the off-highway, industrial, specialty vehicle, on-highway, and heavy-duty and automotive performance aftermarket. We are a preferred supplier to “blue-chip” companies such as AGCO, Caterpillar, CNH, Freightliner, Harley-Davidson, Linde, NAPA, Oshkosh and Textron. As a “full-service” supplier, we take products from concept to customer, plus we offer a full range of standard “off-the-shelf” products that readily fit military applications.

Maxima operates three plants: Lancaster, PA, USA; Juarez, Mexico; and Barcelona, Spain. Manufacturing operations feature a high degree of automation and mistake-proofing; and each plant is either ISO 9001 or QS-9000 certified. Further, we employ 6-Sigma as the driving force behind our continuous improvement effort. And, our workforce is not only stable, it’s buoyed by a core group of associates who consistently deliver results. Talented, multi-lingual, self-directed and diverse, our team knows how to get the job done.

Call us today and we’ll get to work for you.

Some photos used courtesy of US Army and Department of Defense.
Military Applications
**Military Products (Examples)**

1. Mechanical Speedometer w/ Odometer
2. Mechanical Tachometer w/ Hourmeter
3. Electric Speedometer w/ Odometer
4. Mechanical Speedometer w/ Odometer
5. Speedometer w/ Odometer & Indicator
6. Electronic Tachometer w/ Hourmeter
7. Oil Pressure Gauge
8. Voltmeter
9. Fuel Gauge
10. Oil Pressure Senders (Not pictured: 506V & 506T)
11. Float Arm Fuel Sender
12. Electronic Fuel Sender
1 Universal Cluster
2 Compattino™ Cluster
3 Serie 2000 Instruments
4 Direct Data-Bus Instruments (DDBI™)
5 Multi-Function Display (MFD)
6 English Metric™ Instruments
7 4GC Cluster
8 Deluxe™ Instruments
9 Wings™ Instruments
10 5” Memory Tach w/ Shift Light
11 Ultra-Shift Light™
12 Gauge Ultra-Shift™
13 Electronic Fuel Level Sensor* (IntelliSensor™)
14 Temperature & Pressure Senders
15 Heavy-Duty Switches

*Maxima also produces a full line of float-arm type fuel senders.
Maxima’s custom products cover a wide range of OEM vehicle and machine applications.
Examples include instrumentation and sending units for the U.S. Marine Corps’ MTVR, as supplied to Oshkosh Truck Corporation; gauges for the U.S. Army’s Bradley Fighting Vehicle, produced by United Defense; and sending units for the FMTV produced by Stewart & Stevenson and AM General’s HMMWV. In addition, we support multiple government agencies, notably DFAS, with a wide range of Stewart Warner and Datcon brand products for OEM and military service requirements.