

GEMSTAR[®]

MANUFACTURING

Gemstar provides industrial and military markets with technology-driven design solutions. From designing around the toughest challenges and testing requirements to production fulfillment, Gemstar strives to deliver the best end-to-end customer experience.

PRODUCT CAPABILITIES



PROTECTIVE HARD CASES

CASE LINES

- Stronghold[®] Rotationally Molded
- Sentinel[®] Injection Molded
- VersaPro[®] Thermoformed
- NEW RoboRack[™] Half Rack Mount

CASE CUSTOMIZATIONS

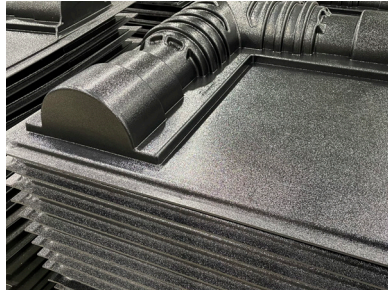
- Automatic pressure relief valves
- Case wall cutouts
- Custom colors
- Foam inserts
- Hinged compartments
- Humidity indicator
- Literature pockets
- Mold-in graphics
- Mounting flanges & brackets
- Name plates & ID Tags
- Shock mounts
- Stencil markings
- Thermoformed inserts

CUSTOM PART SOLUTIONS

OEM PARTS

- Boom Covers
- Bumpers
- Conduit Routing Systems
- Containers - Non-Fluorinated
- Dashboards
- Dock Bumpers
- Fenders
- Fuel Tanks - Non Fluorinated
- Hollow Wheels
- Hoppers
- Housings
- Solution Tanks
- Thermoformed Covers
- Underground Utility PVC Connectors
- Vehicle Ductwork
- Wheel Wells
- And more

OUR MISSION: TO TEST THE LIMITS OF PLASTIC MANUFACTURING & EXCEED THE EXPECTATIONS OF CUSTOMERS.



MANUFACTURING CAPABILITIES

CORE MANUFACTURING

- Rotational Molding
- Robotic Rotational Molding
- Thermoforming

ADDITIONAL CAPABILITIES

- 5-Axis Routing
- Assembly
- Fabrication
- Sheet Extrusion
- Tooling



CUSTOM PART SOLUTIONS



TESTING CERTIFICATIONS

Our cases have passed and are capable of being manufactured to the following certifications:

- MIL-STD-810
- IP67 - IEC Standard 60529
- ASTM D4169
- MIL-STD-3010
- ASTM D5276
- ASTM D999
- Vibration ATA Specification 300 Category 1
- FED-STD-101
- ISTA 1A
- STANAGE 4280/AEPP - 3
- C.A.G.E. - 36NE1
- ISO 9001:2015
- ITAR Registered
- NIST Compliant
- CMMC Level 2 Self-Certified



TESTING CAPABILITIES

- Corrosion
- Custom Testing
- Dart Impact
- Drop
- Handle Strength
- Heat & Conditioning
- Pressure
- Submersion/Immersion
- UV
- Vibration
- Wheel Endurance

ROBOMOLD ROBOTIC ROTATIONAL MOLDING

Our exclusive Robomold® technology provides tighter tolerance control with precision-distributed heat and allows for unsurpassed design flexibility including the ability to layer different compounds and coatings into finished parts.

INDUSTRIES SERVED



AEROSPACE & AVIATION



MEDICAL



AUTOMOTIVE



INDUSTRIAL



DEFENSE



AGRICULTURE



MARINE



HAND & POWER TOOLS



HEAVY CONSTRUCTION



OIL & GAS & MINING



ELECTRONICS & COMMUNICATIONS



MILITARY & GOVERNMENT



PACKAGING & CONTAINERS



FOOD & BEVERAGE



TEST & MEASUREMENTS

PARTNER WITH US ON YOUR NEXT PROJECT.

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