

Weapon Systems

capabilities



General Dynamics Armament and Technical Products (GDATP) offers our customers a broad range of weapon and protection systems, including the family of 2.75-inch Hydra-70 rockets, reactive armor tiles for the Bradley Fighting Vehicle and the Stryker family of combat vehicles, ammunition and material-handling and fire-control systems for ground and sea platforms, and shoulder-fired weapons. GDATP's protection products have expanded to include lower "skirt" protection for tactical vehicles and passive armor for both vehicles and personnel.

GDATP maintains an industry-leading market position with its diverse product line by providing high-value services as prime contractor, managing both complex technical systems and a diverse team of suppliers. Our production capabilities include propellant loading, PBX processing, warhead pressing, conventional and hybrid melt casting, and explosives assembly, testing and storage. Our program management and production capabilities are backed by stringent quality control procedures, which ensure our products meet the highest quality standards.

GDATP has facilities in Camden, Arkansas and Stone County, Mississippi. These locations offer 640,000-square-feet of combined manufacturing and explosive storage space. The Camden facility specializes in load, assemble and pack services for the business's rocket, missile, warhead and ordnance programs. Camden and Stone County both offer state-of-the-art capabilities for the load and assembly of Reactive Armor Tiles for Stryker and Bradley Fighting Vehicles with capacity for future platforms.

Propellant loading:

- High Volume LAP Facilities (50,000-100,000 Monthly)
- State-of-the-Art Tool Controlled Applications
- Real Time Process / SPC Controls

PBX processing:

- High Shear Vertical Planetary and Horizontal Mixers
- Independent Casting Facilities
- Environmentally Controlled Manufacturing Facilities
- Fully Instrumented Quality Control Laboratory

Warhead pressing:

- Pressed Warheads Over 175mm In Diameter
- Capability From 1-800 Tons
- High Length over Diameter Booster Pellets
- Volume Production of Fuze Boosters
- Patented Processes

Conventional and hybrid melt cast:

- Large Capacity Melt Vessels
- Mid Capacity R&D Facility
- Sedimentation Casting
- Vacuum Casting
- FASCAST

Testing:

- Static Motor Test Facility
- On-Site LAT Testing
- NTS Test Facility Co-Located

Explosive storage:

- Category I, and II explosive storage available

Mechanical assembly of explosive devices:

- Dedicated space and workforce

MRocket system Load Assemble and Packs:

- High volume LAP, 300,000+ annually

GENERAL DYNAMICS Armament and Technical Products

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