



# SACO OPERATIONS

Weapon System  
Production

OTS FACILITIES

SACO, ME

## OVERVIEW

Saco Operations is an industry leader in weapon system production. As part of General Dynamics Ordnance and Tactical Systems' Armament Systems group, Saco Operations is the business's core production facility for single and multi-barrel aircraft and crew-served weapon systems, including the GAU19-B 12.7mm three-barrel and the GAU22/A 25mm four-barrel Gatling guns, MK47 40mm grenade weapon system and the M2A1 .50 caliber machine gun. Located in Saco, Maine, Saco Operations houses more than 450,000 square feet of state-of-the-art manufacturing space.

**Saco Operations offers the skilled work force and specialized technology to provide customers complete production capabilities, from design and development to manufacturing, testing and integration.**

Saco's technologies and capabilities combine to meet customers' needs for quality, cost and delivery. As a key developer of next generation weapon systems, Saco Operations portfolio of products consistently meets the demands of today's evolving military needs.

Saco Operations processes include hot and cold-rotary forging, CNC (Computer Numeric Control) precision machining, hard chrome plating, assembly, broaching, deep-hole drilling, painting, manganese phosphating, welding, engineering, heat treating, parts inspection and CMM (computerized-coordinate measuring) inspection. Testing capabilities include dimensional verification, non-destructive testing and test firing for product assurance.

**OVERVIEW (CONTINUED)**

With more than 50 years of experience in weapon systems production, Saco Operations is an industry-leading developer and manufacturer of next-generation individual, crew-served and aircraft weapon systems.

**FAST FACTS**

**KEY PRODUCT AREAS**

- » Single and multi-barrel aircraft and crew-served weapon systems

**KEY PROCESSES**

- » Assembly and testing
- » Chrome plating
- » Hot rotary forge
- » Precision machining

**FACILITIES**

- » Horizontal and vertical test firing ranges
- » Metallurgical lab
- » Metrology/Gage lab
- » More than 450,000 square feet of manufacturing space



**KEY PROCESS CAPABILITIES**

Saco Operations has a solid reputation and proud heritage in precision machining, assembly and processing. Today, Saco provides customers with a full scope of production capabilities, from design and development to procurement, manufacturing, testing and integration.

**HOT ROTARY FORGE**

Saco Operations forges bar stock up to 7.5 inches in diameter. Saco's hot rotary forge process produces fully heat treated, near net shape forgings up to 11 feet in length and 550 pounds in weight.

**CHROME PLATING**

Saco Operations includes a unique, fully integrated chrome plate department. The skilled team applies durable plate through an electrical deposition process to exacting tolerance and operates to very stringent Mil-Spec requirements.

**PRECISION MACHINING**

Over 600 precision machine tools provide the comprehensive manufacturing technology required to achieve demanding process tolerance.

**ASSEMBLY**

Supported by continuous training and education, capabilities support the most demanding and complex assembly requirements. From prototype and low rate initial production to full rate production, Saco's team of skilled technicians ensure the mission is achieved with world class quality.