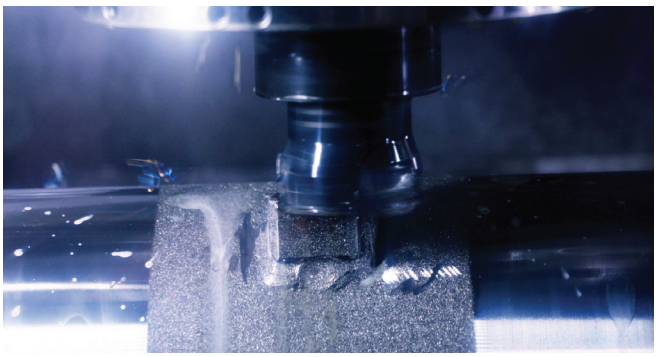


HEAVY & HIGH-SPEED MACHINING

HEAVY & HIGH-SPEED MACHINING

Paligen Technologies offers the heavy machining of aluminum and steel alloys. Our variety of lean and cellular manufacturing methodologies, CNC, and support equipment provide industry-leading capabilities. Our heavy and high-speed machining is located within a 525,000-square-foot facility in Garland, Texas, where we have delivered superior solutions to customers for more than 75 years.







PALIGEN™ TECHNOLOGIES

Heavy & High-Speed Machining

CAPABILITIES

- High strength aluminum and steel alloy fabrication
- CNC laser cutting and programming
- Turning, milling, or mixed applications
- Fully equipped, state-of-the-art metallurgical laboratory and testing facilities

MARITIME CAPABILITIES

- Maritime Structures
- Maritime Equipment Assembly

AEROSPACE & DEFENSE COMPONENTS

- Aircraft Skins
- Wing Terminal Fittings
- Fuselage Stringers
- Structural Belt Frames
- Anti-Thrust Kick Back Components
- Custom Replacement Parts
- Reverse Engineering

CERTIFICATIONS

- AS9100D and ISO 9001:2015 Certified
- NADCAP Accreditations

QUALITY ASSURANCE

Our quality assurance department has full-dimensional inspection capabilities, state-of-the-art coordinate measuring machines, and laser-scanning equipment for mapping and comparison to customer models.

IN-HOUSE TESTING - METALLURGY

Our in-house testing facility offers mechanical testing, micro- and macrostructural examination including grain flow, hardness testing, electrical conductivity testing, fluorescent penetrant inspection, and chemical composition verification in accordance with the most recent industry and customer specifications.





2026.09

PALIGEN™ TECHNOLOGIES

paligentech.com
contact@paligentech.com

4301 West Boy Scout Boulevard
Suite 450
Tampa FL 33607