

KENCOA

AEROSPACE

TOTAL SOLUTION PROVIDER IN AEROSPACE & DEFENSE INDUSTRIES

Georgia, USA

Los Angeles, USA

Sacheon, Korea

NOV 2025

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Contents

1. Company Overview
2. Kencoa USA
 - Business Overview
 - Manufacturing Strengths & Facility
 - Machining
 - Sheet Metal Fabrication
 - Heat Treatment
3. Kencoa Aerospace, Korea
4. California Metal

1. Company Overview

A Global Tier 1 Solution Provider in Defense & Aerospace Industries

Aerostructure

- Machining & Fabrication
- Complex Assembly
- Raw Material Supply



Defense MRO

- Structure Repair & Upgrade
- Avionic System Upgrade
- Ground Support Equipment



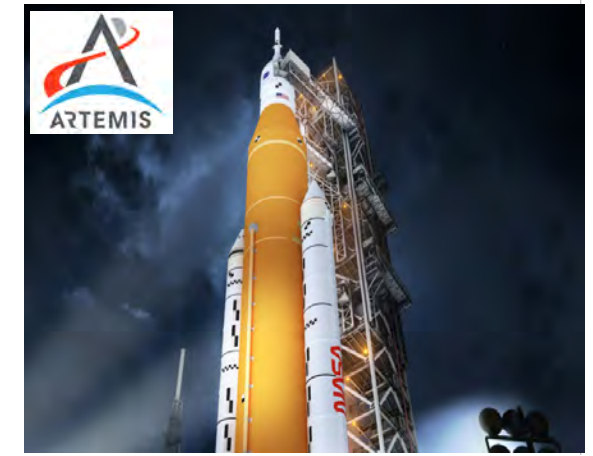
Drone & UAM

- UAM Foundry & MRO
- Multi Mission Drones
- Next-Gen Energy Solutions



Space

- Special Material Supply
- SLS Detail Parts Manufacturing
- New Space Investment



* SLS: Space Launcher System

Young and Fast-Growing Company within 10 Years

Established
in **2013**

Listed
in **2020**

2025 Employees
+450

Sales
\$80 Million

Building
560,000_{ft}²

Locations
2 in USA, 4 in Korea

Vertically Integrated Facilities & Solutions for Aerospace Platforms



USA

KENCOA USA

130,000 ft²

California Metal

43,000 ft²

KOREA

KENCOA Plant1

176,000 ft²

KENCOA Plant2

125,000 ft²KENCOA AIL¹⁾86,000 ft²

Raw Material

Machining &
Sheet Metal

Composite

Heat
Treatment

Assembly

Paint & Oven



1) Aerospace Industry Logistics Center

Our Customers in Aerospace · Space · Defense



Awarded as a 2% Elite Supplier



Performance Excellence Award



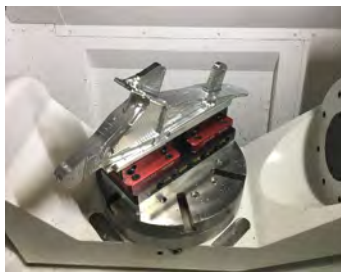
2. Kenco USA

- Business Overview
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Kenco USA



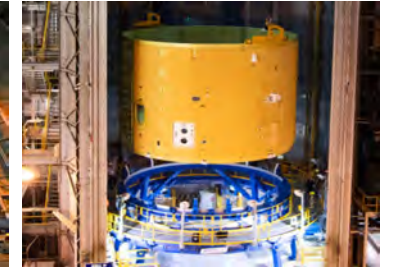
- Location : Georgia, USA
- Product : F-15, F-22, F-35, C-130, etc., Structure Part, Detail Part and Engine Part
- Customer : LMC0, Boeing, Northrop Grumman, Pratt & Whitney, GKN, Gulfstream, Blue Origin, etc.



Structure Parts Machining



Engine Parts Machining



SLS Detail Parts Machining



Gulfstream



Pratt & Whitney

A United Technologies Company



BLUE ORIGIN

*Reference images used for confidential reasons

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KENCOA

Advanced Manufacturing for Defense, Commercial, and Space Programs



Defense

- Boeing C-17, F/A-18, F-15
- Lockheed C-130, C-5, F-22, F-35, F-16



Commercial

- Gulfstream G400 - G800 Programs
- Mitsubishi Regional Jet MRJ-200
- Boeing 737, 777, etc.
- Airbus 320, 350, etc.



Space

- Boeing International Space Station
- Boeing Space Launch System
- Lockheed Orion
- SpaceX Dragon

High-Precision 3, 4, and 5-Axis Machining Capabilities



Wing Rib (5-Axis, Aluminum)



Fitting (4-Axis, Titanium)



Fitting (5-Axis, 15-5 Forging)

- 3,4 and 5 Axis CNC Milling & Turning
- Small Components to Large Monolithic size up to 130" long
- Optimum Equipment for Hard Metals such as Titanium, Inconel, Steel, etc.
- In-house Quality Inspection & Approved Finishing Partners

Machining Equipment

5 Axis MCT X 2EA



Okuma Millac 853PF-5X

- Max Size: 120 x 34 x 28 inch
- Hard Metal/ 12,000 rpm High Torque

4-Axis MCT, Horiz X 2EA



Okuma MA-500HB

- Max Size: 28 x 36 x 31 inch
- Hard Metal/ 12,000 rpm

5 Axis MCT X 2EA



Okuma GENOS-M460

- Max Size: 30 x 18 x 18 inch
- Hard Metal/ 12,000 rpm

5 Axis



GrobG750 FMS Palletized

- Max Size: 50.4 inch swing
- AL 16,000 rpm 120 tool changer

3-Axis MCT X 2EA



Okuma MC-V4020

- Max Size: 40 x 20 x 17 inch

3-Axis MCT



Okuma MB-66V 3X Vert

- Max Size: 59 x 26 x 26 inch

3-Axis Milling X 2EA



Fadal 4020 3-Axis Vert

- Max Size: 40 x 20 x 14 inch

CNC Turning X 2EA



Okuma LB300EX

- Max Size: 16 inch dia x 20 inch

Machining Equipment

2 Spindle VTL



1 Spindle VTL X 2EA



1 Spindle VTL



1 Spindle VTL X 2EA



Okuma 2SP-V920

- Max Cutting Diameter : 36.22 inch
- Max Cutting Length : 33.86 inch

Okuma V100R

- Max Cutting Diameter : 39 inch
- Max Cutting Length : 35 inch

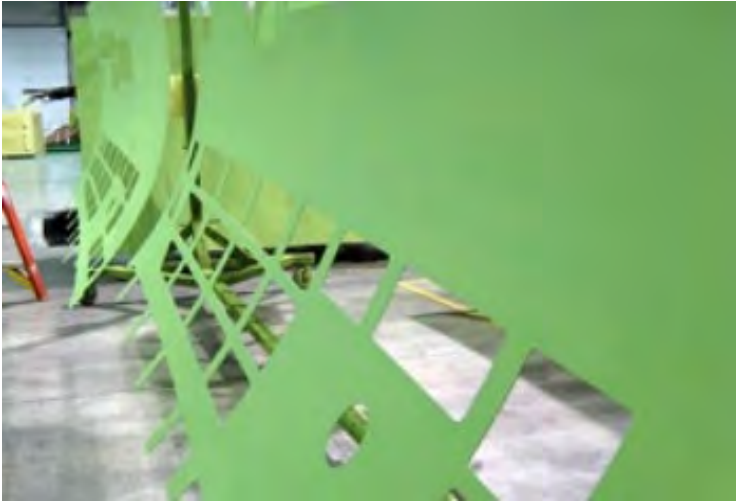
Okuma V920EX

- Max Cutting Diameter : 36.22 inch
- Max Cutting Length : 33.86 inch

OKUMA VT1000EX

- Max Cutting Diameter : 39.37 inch
- Max Cutting Length : 39.37 inch

Sheet Metal Fabrication



Sheetmetal Skin (Aluminum)



Leading Edge Part (Aluminum)



Lightning Hole (Aluminum)

- Precision Cutting with Waterjet Cutting & Shear Cutting
- Forming & Bending with CNC Plate Rolling & Press Brake Operation
- Large Format Router & Skin Milling for Complex Structural Items
- In-house Quality Inspection & Approved Finishing Partners

Sheet Metal Fabrication Equipment

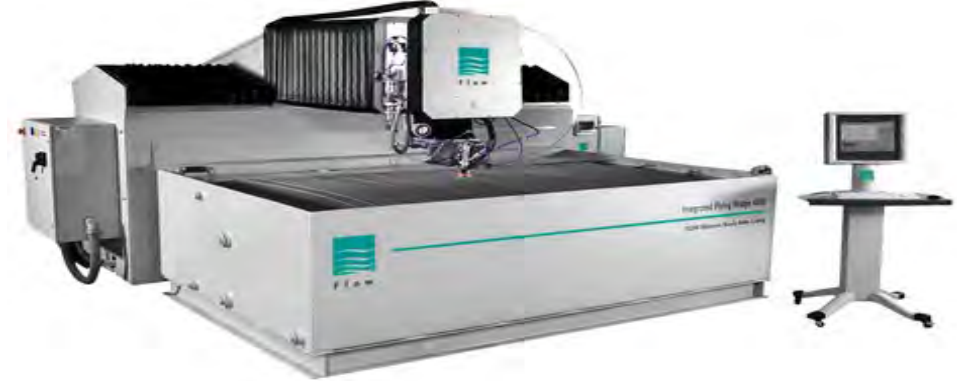
3-Axis CNC Router, With Moving Table



Northwood 3-Axis TA Twin Table

- Max Size: 60 Width x 290 inch

Water Jet Cutting



Flow Integrated

- Max Size 146 x 72 x 6 inch Thick

Brake Press



Amada 5020

- 6-Axis CNC Operation
- Max Size: 66 x 84 inch

Press 180ton



Hydra Power

- 4-Axis CNC Operation
- 142 x 0.2 inch Thickness

Deburr Machine



Apex Model 2052M-DSSDc

- Max Size: 52 inch wide

In-House Inspection & Quality Assurance

CMM #1 - Large



Hexagon Global Advantage 153010

- Measure Range: 59 x 118 x 39 inch
- Software: PC-DMIS

CMM #2 - Medium



Brown & Shape, Global 7.10.7

- Measure Range: 28 x 40 x 27 inch
- Software: PC-DMIS

Portable Arm CMM



Faro, Edge Portable Arm

- 7 -Axis 2750 mm
- Software: Poly Works

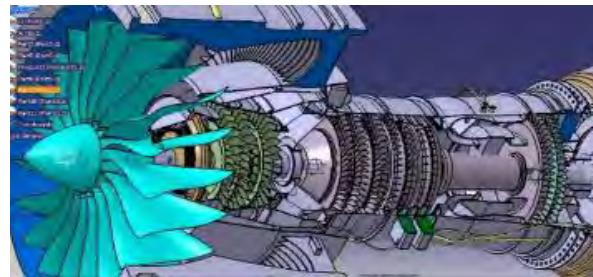
Laser Scanner



Micro Vu, Excel 502HC

- Measure Range: 15 x 19 x 10 inch
- Software: Inspection Metrology

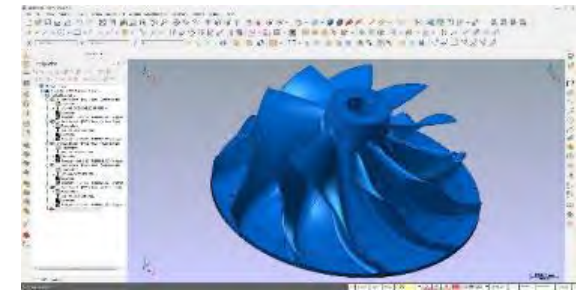
Software



CATIA V4/ V5 & Siemens NX 10

- Computer Aided Design
- 3D Model DPD/ MBD Compliant

Software



Mastercam 2018

- CAD/ CAM Software
- 6 CNC Programmers

Heat Treatment Facility



Our Specialties Include:

- Precipitation Hardening (17-4 PH, 15-5 PH and 13-8 MO) - 12' Random Length Bars
- High Temperature Solution Annealing (2100°F) with Oil Quench
- Age Hardening and Annealing Aluminum 48" X 144"

Surface Hardening / Carburizing

Hardening & Tempering

Annealing & Normalizing

Precipitation Age Hardening

Solution Heat Treat

Sub-Zero Treatments

Stress Relieving

Vacuum Heat Treating

Gas Nitriding & Carbo-Nitriding

Hi-Temp Solution up to 2100°F

Thermal Treatment Services

Heat Treatment

Accreditations



Current Aerospace Approvals



Multi-Material Processing

Aluminum Alloys

Alloy Steels

Titanium Alloys

Beryllium Copper

Plain Carbon Steels

Mumetal, Brass & Bronze

Nickel-Based Alloys

Tool Steels

Ductile Iron

Accreditations & OEM Approvals | Wide Material Compatibility

3. Kencoa Aerospace, Korea

KencoA Aerospace, Korea

- Location : Sacheon, Korea
- Product & Services : Raw Material Supply, Long-bed Machining, Large Sheet Metal Fabrication & Composite Manufacturing, Major Assemblies , Defense MRO, eVTOL Manufacturing, Energy Solution.
- Major Project : Embraer C390 Structure, B737 Horizontal Stabilizer/Vertical Fin, A32X/A330 Freight Conversion, Helicopter Fuselage etc.



Aerospace Industry Logistic (AIL)



KencoA Plant I , Sanam



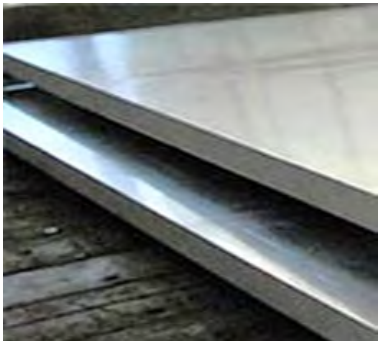
KencoA Plant II, HQ, Jongpo

4. California Metal

California Metal



- Location: L.A, California
- Supply of raw materials such as titanium, nickel, stainless alloy for the Aerospace and defense
- Supply special raw materials for space to NASA, Space X, Blue Origin, etc.

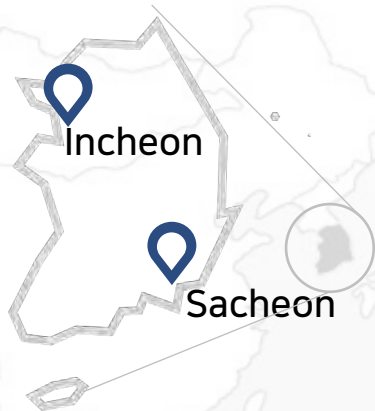


*Reference images used





A Total Manufacturing Solution Provider in Aerospace and Defense industry



KencoA Aerospace USA

California Metal

KencoA Aerospace