Toyo Machix

Toyo Machix Co., Ltd.

Aerospace Manufacturing Capabilities

Precision Manufacturing for Aerospace and Defense

October 15, 2026

Fukui, Japan | Precision Machining & Assembly Partner

How Toyo Machix Supports Aerospace Programs

Presentation Agenda

1 About Toyo Machix

2 Proven Aerospace Experience

3 End-to-End Manufacturing Capabilities

4 What Sets Our Machining Apart

5 Aerospace Quality & Production Control

6 Why Partnership Works

7 Where We Can Add Value

8 Closing

Why Choose Toyo Machix?

Precision manufacturing for demanding aerospace and space components

LARGE × LIGHTWEIGHT × PRECISION

From 7.25-meter components to complex aluminum and magnesium-alloy parts

PROVEN EXPERIENCE 01

Proven Aerospace Track Record

B737 and B787 programs,
satellites,
and rocket-related components

ONE-STOP 02

One Partner, End to End

Material sourcing → Precision machining →
Assembly → Final inspection

AEROSPACE QUALITY 03

Quality Built for Aerospace

JIS Q 9100-certified system
Process and inspection traceability

Bring us the parts that are large, lightweight, complex, or difficult to machine.

01

COMPANY OVERVIEW

About Toyo Machix

Toyo Machix | Precision Machining & Assembly

About Toyo Machix

Established in 1946 | Precision manufacturing with a long-term perspective

Precision Manufacturing Partner for Aerospace and Defense

Aerospace Experience

B737 actuator components / B787 stringers
Satellite Mg-alloy housings / Complex 3D parts

Industrial Manufacturing Foundation

APC and ATC units / ATC arms
Transfer systems / Tool touch setters

Certified Quality Systems

JIS Q 9100:2016
ISO 9001:2015

Our Mindset

Challenge conventional thinking.
Develop practical, creative solutions.

02

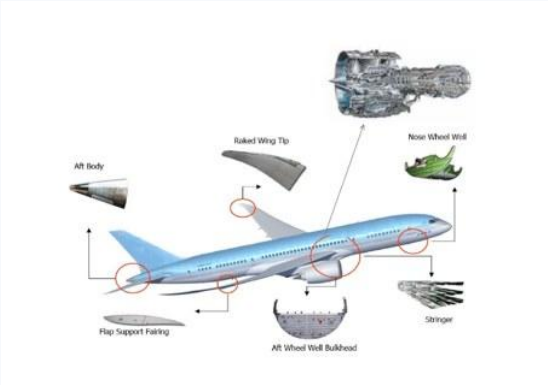
AEROSPACE
TRACK RECORD

Proven Aerospace Experience

Toyo Machix | Precision Machining & Assembly

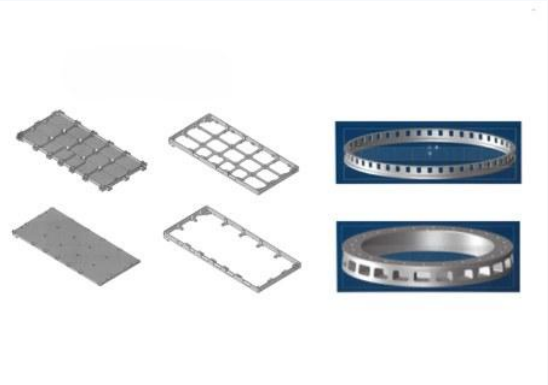
Proven Aerospace Experience

Flight, Space, and Launch Applications | Proven Manufacturing Experience



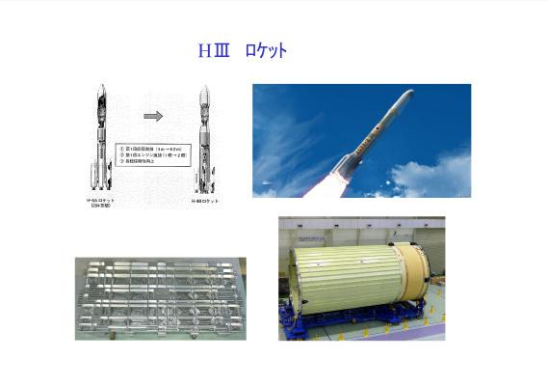
Aircraft

Actuator Parts



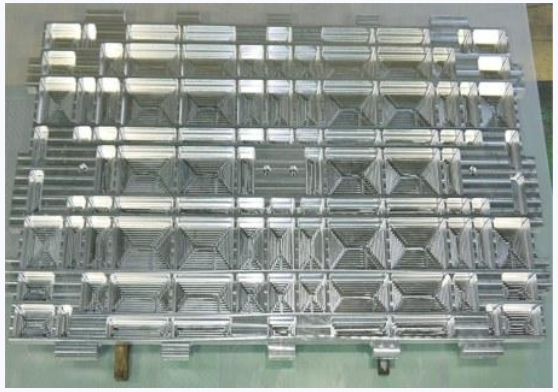
Satellite

Mg-Alloy Housing / Al Parts



Rocket

Launch-Vehicle Components



Aircraft

Aircraft Structural Parts

B737: Actuator components
B787: High-precision stringers
Satellites: Mg-alloy housings
Aerospace: Complex 3D aluminum parts

Aerospace-Ready Quality, Precision & Traceability

03

WHAT CAN WE DO?

End-to-End Manufacturing Capabilities

Toyo Machix | Precision Machining & Assembly

End-to-End Manufacturing Capabilities

One accountable partner from material sourcing through final inspection

01 Material Sourcing → **02 Precision Machining** → **03 Assembly** → **04 Final Inspection**

Machining envelope: 2,900 × 7,250 × 1,800 mm | 5-axis capability | Al & Mg alloys

04

TECHNICAL STRENGTHS

What Sets Our Machining Apart

Toyo Machix | Precision Machining & Assembly

What Sets Our Machining Apart

Toyo Machix

LARGE + LIGHTWEIGHT + PRECISION

LARGE
Parts up to 7.25 m
Gantry 5-axis

LIGHTWEIGHT
Al & Mg alloys
Thin-wall / complex

PRECISION
5-axis machining
High-precision 3D

Gantry 5-Axis

Vertical 5-Axis

Gantry 5-Face

Vertical Machining Center

From prototypes and low volumes to production readiness | Supporting weight-reduction goals

05

QUALITY & PRODUCTION

Aerospace Quality & Production Control

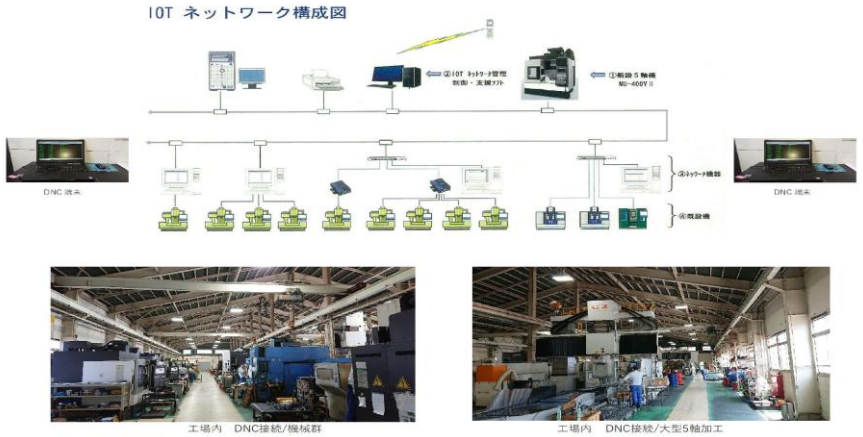
Toyo Machix | Precision Machining & Assembly

Aerospace Quality & Production Control

Built to deliver consistent quality, cost, and delivery performance

JIS Q 9100:2016

Aerospace Quality System



Full Traceability — Materials / Processes / Inspections / Records

Controlled NC Programming — CAD/CAM

Connected Production Control — Wireless DNC / IoT

Reliable QCD Performance — Quality / Cost / Delivery

06

WHY FRANCE?

Why Partnership Works

Toyo Machix | Precision Machining & Assembly

Why Partnership Works

Combining your innovation with Japanese manufacturing discipline

Your Design & Innovation

Design / Product development / Aerospace innovation

+

Japanese Precision & Quality

Large-part machining / Lightweight alloys / Process discipline

Japanese aerospace experience for your programs

Support for recurring production, not just one-off orders

Long-term aerospace and defense partnerships

Japanese Manufacturing × Your Aerospace Innovation

07

WHAT WE WANT TO DO

Where We Can Add Value

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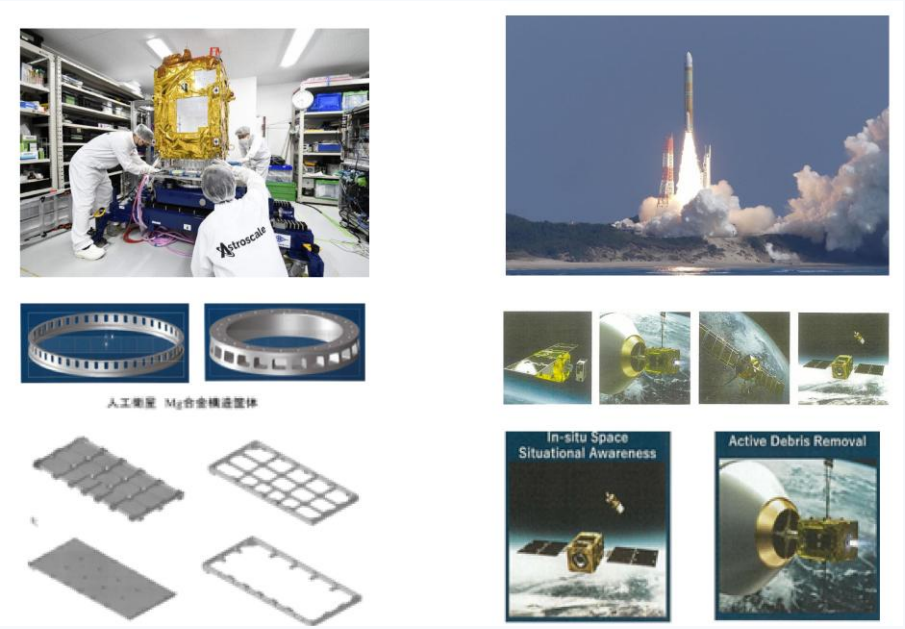
Where We Can Add Value

Large, lightweight, complex, and difficult-to-machine parts | Prototypes and low volumes

- **Aircraft structures and actuator components**
- **Satellite structures and lightweight housings**
- **Defense and space precision components**
- **Prototypes and low-volume production**



Information to Begin a Review **Drawing / Material / Tolerances / Quantity / Target cost**

Share a drawing to review manufacturability, the machining approach, and preliminary cost together.

08

CLOSING

Closing

Toyo Machix | Precision Machining & Assembly

Closing

From First Project to Long-Term Partnership

Start with One Part

Evaluate quality, cost, and delivery. Scale with confidence.

Large & Complex Parts

Up to 7.25 m / Complex 3D geometry

Lightweight-Alloy Expertise

High-precision aluminum and magnesium machining

Quality Built for Aerospace

JIS Q 9100 / Full traceability

Share a drawing with us, and let's explore the right manufacturing approach together.

Japanese Quality × Your Aerospace Innovation

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