

The logo for Toyo Machix, featuring the company name in white text on a solid blue rectangular background.

Toyo Machix

Toyo Machix Co., Ltd.

Aerospace Manufacturing Capabilities

Precision Manufacturing for Aerospace, Space, and Defense

French-Japanese Business Matching

Fukui Prefecture × CCIFJ

October 15, 2026

Fukui, Japan | Precision Machining & Assembly Partner



How Toyo Machix Supports Aerospace Programs

Toyo Machix

Presentation Agenda

1 About Toyo Machix

2 Proven Aerospace & Space Experience

3 End-to-End Manufacturing Capabilities

4 What Sets Our Machining Apart

5 Aerospace Quality & Production Control

6 Why a French-Japanese Partnership Works

7 Where We Can Add Value

8 Closing

Why Choose Toyo Machix?

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

Toyo Machix

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



**Precision Manufacturing Partner
for Aerospace, Space, and
Defense**

Aerospace & Space 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
JIS Q 9001:2015

Our Mindset

Challenge conventional
thinking.
Develop practical, creative
solutions.

02

**AEROSPACE
TRACK RECORD**

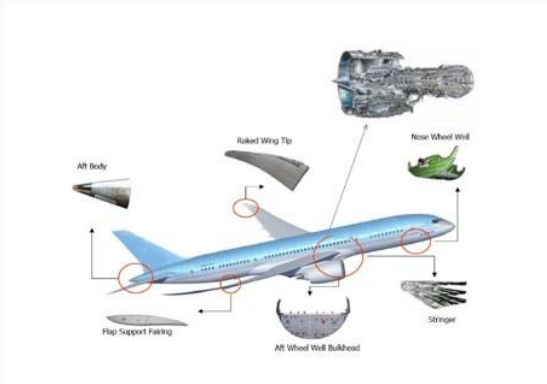
Proven Aerospace & Space Experience

Toyo Machix | Precision Machining & Assembly

Proven Aerospace & Space Experience

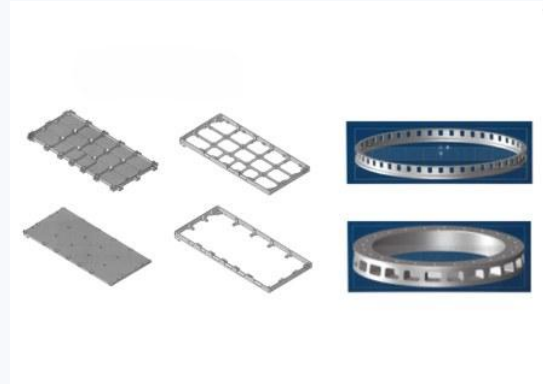
Toyo Machix

Flight, Space, and Launch Applications | Proven Manufacturing Experience



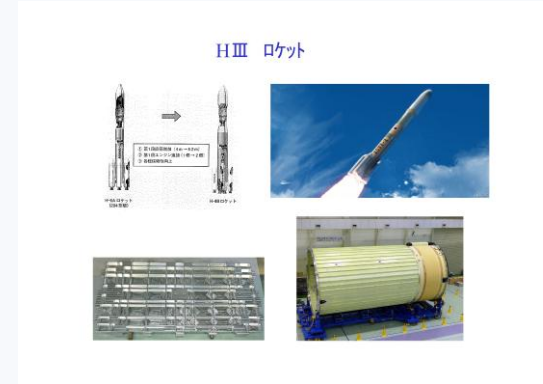
Aircraft

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

Toyo Machix

One accountable partner from material sourcing through final inspection

01 **Material
Sourcing**



02 **Precision
Machining**



03 **Assembly**



04 **Final
Inspection**



工場内の主要設備



ATC/APC装置



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

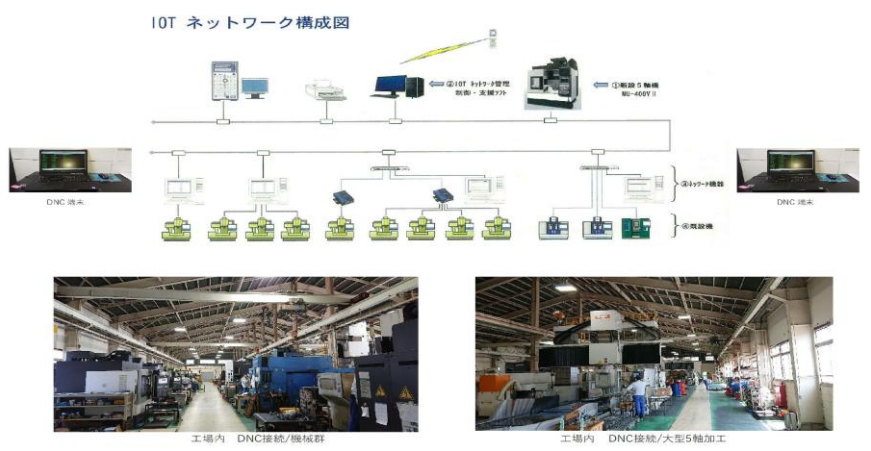
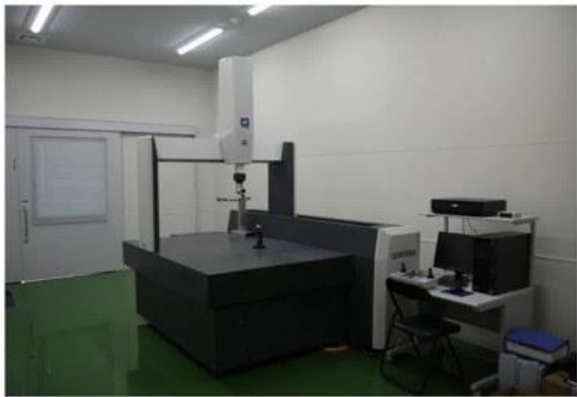
Toyo Machix | Precision Machining & Assembly

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 a French-Japanese Partnership Works

Toyo Machix | Precision Machining & Assembly

Why a French-Japanese Partnership Works

Toyo Machix

Combining French innovation with Japanese manufacturing discipline

French Design & Innovation

Design / Product development /
Aerospace innovation

+

Japanese Precision & Quality

Large-part machining / Lightweight alloys /
Process discipline

Japanese aerospace experience for European programs

Support for recurring production, not just one-off orders

Long-term aerospace, space, and defense partnerships

Japanese Manufacturing × French Aerospace Innovation

07

WHAT WE WANT
TO DO

Where We Can Add Value

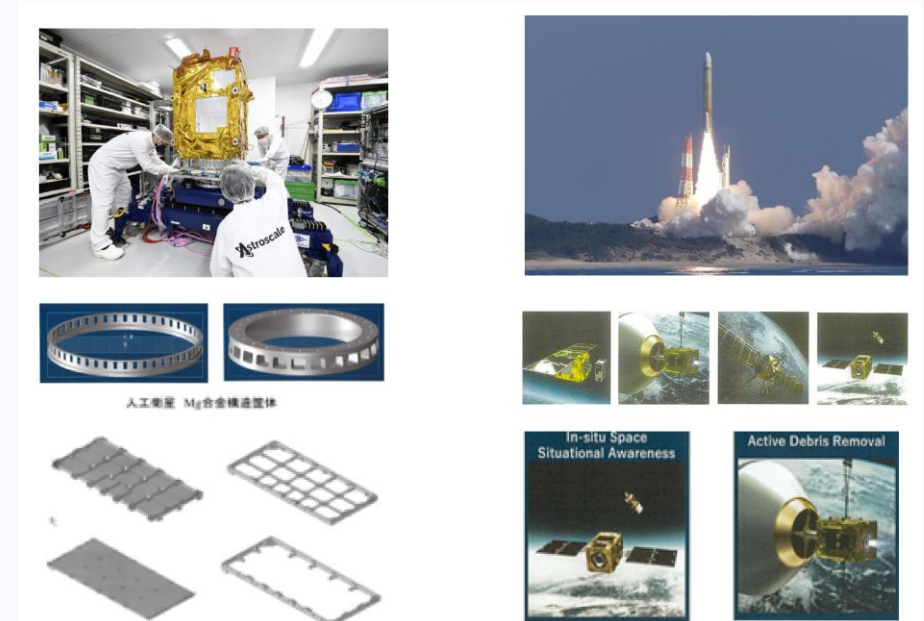
Toyo Machix | Precision Machining & Assembly

Where We Can Add Value

Toyo Machix

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

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 × French Aerospace Innovation

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