

17 COMPANY PROFILE

FUJIWARA CO., LTD.

Address	1Myotogoshi, Mutsushi, Kitanagoya City, Aichi Pref., 481-8505 JAPAN
Tel	+81568-21-2645
Email	info.fukugozai@fujiwara-ac.co.jp
Website	https://www.fujiwara-ac.co.jp/
Contact Person	Composite Department Assistant Manager Toshiki TSUCHIYA Composite Department Manufacturing section chief Kenta YANAGIMOTO
Capability Category	"Design, Development, Production and inspection of the parts shown as follows; Composite Parts for Aircraft, Space System, Missile System and Commercial Use"
Representative	Yuichiro MATSUSHIMA
Sales Amount	2.31 billion yen
Capital	80 million yen
Employees	141
Established	October, 1945
Certification	ISO9001 (2015) JIS Q 9100 (2016) Nadcap (Composites, Non Destructive Testing)
Major Customers	Mitsubishi Heavy Industries, Ltd. Kawasaki Heavy Industries, Ltd. SUBARU CORPORATION ShinMaywa Industries, Ltd.



Google

■ Business Overview

Since its founding in 1945, Fujiwara has been used as a supplier of domestic aircraft manufactures, focusing on aircraft composite products and windshield products. In particular, in order to provide high-quality parts used in aerospace, Fujiwara have acquired JIS Q 9100 and Nadcap (Composite, Non Destructive Testing), which is an international certification system for special process, and provide products and services that can meet the needs of our customers. At the same time, we strive to ensure safety and reliability.

■ Office & Plants

HEAD OFFICE, Mutsushi Plant : 1 Myotogoshi, Mutsushi, Kitanagoya City, Aichi Pref., 481-8505 JAPAN
Kasugai Plant : 2313-13 Hirahashi, Higashiyama-cho, Kasugai City, Aichi Pref., 486-0811 JAPAN

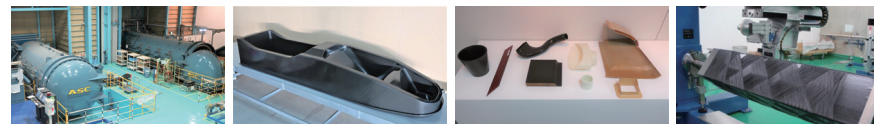
■ Products • Materials • Part Sizes • Facilities & Equipment

<Products Information>

Composite material products made of prepreg material that combines various fibers (carbon fiber, glass fiber, aramid fiber silica fiber) and various resin (thermosetting resin or thermoplastic resin), and sandwich structure that combines prepreg material and various core materials.

<Main Equipment>

- Autoclave : $\Phi 2.8 \times 7.5$ L [m] (Max. 232°C / 0.93 MPa), $\Phi 1.95 \times 3.2$ L [m] (Max. 400°C / 1.95 MPa)
- Filament Winding Machine (for prepreg) : Winding diameter Max. 1000mm, Winding length Max. 6000mm
- 300 ton Press : Table size (1.5m x 1.5m), Heat source-Mold (Steam/Electric Heater), Stroke Max. 1800mm
- Abrasive water jet : 2.0W x 4.0L x 1.0H [m]
- Ultrasonic Inspection Device
 - Scanning stroke 0.5W x 2.6L x 0.3H [m], Immersion type C-SCAN, Single probe
 - Scanning stroke 0.6W x 6.6L x 0.45H [m], Immersion type C-SCAN, Phased Array
- X-ray imaging device (soft X-ray) : 1.5W x 2.5L x 1.5H [m], Maximum tube voltage 100 kVp, X-ray tube stroke 1.2 [m]



■ Our Strength

- Mass production of composite parts
 - As a certified factory for manufacturing composite parts for aerospace, mainly autoclave parts, Fujiwara have undergone strict quality management system examinations and can mass-produce primary structural parts and secondary structural parts (interior parts, etc.).
 - Fujiwara have technologies related to design, production, manufacturing and quality assurance, which are the basis of composite material manufacturing, and support the design / material evaluation / molding technology development of lightweight and high-performance composite material products.
 - Fujiwara proposes molding technology that uses autoclaves to produce high-quality and stable parts, and optimal molding tools manufacturing.

■ Needs we can correspond / Business partners we want

- Those who want to manufacture and prototype products using composite materials to reduce product weight.
- Those who have trouble with non-destructive inspection (ultrasonic inspection, X-ray inspection) of composite material parts.
- Those who want to manufacture molding tools using composite materials to reduce the weight of molding tools.