C-COM CO., LTD.

Press Forming | Welding | Precision Machining

President	Mr. Hiroshi Iwamoto
Established	1984
Capital	60,000,000 JPY
Employees	200
Address	5-2-41 Kounan, Naka-ku, Hiroshima City, Hiroshima Prefecture, 730-0825 JAPAN
Tel	(+81) 82-249-0342
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Website	http://www.c-com.ne.jp/
Contact person	Mr. Kyouji Ikeda General Manager- Aero Space Dept.
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Quality Management Certifications

○JISQ 9001: 2008 (1999)　○JISQ 9100: 2009 (2007)　○JISQ 14001: 2006 (2006)　○Nadcap (Welding)

Office / Plant

Hiroshima: Main Factory, Aero Factory,　Nagoya-City: Nagoya Factory,
Kobe-City: Kobe Factory,　Saitama-City: Kanto Sales Office

Core Technologies and Capabilities

Machining,　Welding, CAD/CAM,　Jig/Tools
Proven core technologies and expertise in sheet metal fabrication and precision machining of aero engine and Gas turbine parts.

Materials

Titanium, Nickel, Cobalt Alloy

Major Customers

【Aerospace sectors】Leading Japanese Aircraft Engine Manufacturer (For further particulars, please enquire)

【Other sectors】MAZDA Motor Corporation, Daihatsu Motor Co., Ltd.

Main Equipment

Equipment (Maker)	Capability	Number
Press Machine, Try/Die Spotting (Kawasaki Yuko)	16,000KN, Servo Controlled	1
Machining Center RB-250F (Shin Nihon Koki)	5 axis, 5,250 x 2,700 x 600, W850	1
Machining Center HS6A-5X (Mitsui Seiki Kogyo)	5 axis, Bed = φ1250, Max Z = 1,050 φ1,500	1
Machining Center MVR-35 (Mitsubishi Heavy Ind.)	5 surface, 5,200 x 3,250 x 800, W1,300	1
Vertical Lathe, Neo 28EX (O-M Machinery)	Bed Size = φ2,800, Max = φ3,000	1
Vertical Lathe, VTL ex1600 (O-M Machinery)	Bed Size = φ1,600, Max = φ2,000	2
Vertical Lathe, Omega 60 (O-M Machinery)	Bed Size = φ1,100, Max = φ1,350	1
Vertical Lathe, Omega 70 (O-M Machinery)	Bed Size = φ1,250, Max = φ2,600	1
5 Axis Co2 Laser Machine, TLM614C (Komatsu NTC)	4KW, Bed size = 4,300 x 1,900 x 800	2
CNC Turret Punch Press, ARIES-224Ai (Amada)	1,000 KN	1
Electric Discharge Machine, α-1iD (FANUC)	600 x 400 x 310 Wire Cut	1
CNC Meas. Machine, SVA FUSION (Tokyo Seimitsu)	1,200 x 1,500 x 1,000	1
FARO Measuring Machine (2 with Laser scanner)	R1,800mm ～ R1,200mm	8

Hiroshima Aircraft Industry Promotion Association

Strengths and Competitive Advantage

Machining of Difficult-to-machine Materials

5-Axis Machining Center and Vertical Lathe with the capability of machining various difficult-to-machine materials (such as titanium, nickel alloy…etc.) for production of aero engine and gas turbine parts.

【DISTINCTION】・Vertical CNC Lathe with the capability of machining up to φ2,800 mm
・Bridge Type 5-Axis Machining Center with the capability of machining up toφ1,500 mm
【APPLICATION】 Aero Engine Parts, Gas Turbine Parts
【ACCURACY】 Satisfies aircraft part manufacturing requirements
【MATERIAL】 Stainless Steel, Nickel / Cobalt / Titanium Alloys

Deformation Processing of Titanium / Nickel / Cobalt Alloys　(Pressing, Hot Press, Hydro-form Press)

Possess specialized facilities and cutting-edge deformation processing technologies that have the capability of processing various difficult-to-form Titanium and Nickel Alloy Aero Engine and Gas Turbine parts. (Including panels, flaps and ducts).

【DISTINCTION】・Large 1,600 ton Press and Large Expanding Machine
・Hot-forming Die-quenching capability using a 1,500 ton Hydro-Form Press
【APPLICATION】 Aero Engine Parts, Gas Turbine Parts
【ACCURACY】 Satisfies aircraft part manufacturing requirements
【MATERIAL】 Stainless Steel, Nickel / Cobalt / Titanium Alloys

Sheet Metal Working and Welding of Special Alloys

Our welders and inspectors are approved according to our customers' requirements.

【DISTINCTION】・Vertical CNC Lathe with the capability of machining up to φ2,800 mm
【APPLICATION】 Aero Engine Parts, Gas Turbine Parts
【ACCURACY】 Satisfies aircraft part manufacturing requirements
【MATERIAL】 Steel, Aluminum, Stainless Steel, Nickel / Cobalt / Titanium Alloys and others

Competitive Advantage

As a world class automobile prototype body manufacturer, we have a long proven track record in supplying various leading automobile manufacturers in Japan and internationally.　Taking advantage of our specialized prototype body manufacturing technologies and expertise, we diversified and expanded into the aerospace sector as an aero engine and gas turbine part manufacturer.
Our core technologies and capabilities are in sheet metal part fabrication, precision machining, TIG welding, non-destructive testing (NDT), and integrated production processes.　Having acquired Nadcap accreditation for TIG welding in April 2016, along with plans to secure non-destructive testing (NDT) Nadcap accreditation in the future, we are actively seeking to expand our business in the aircraft manufacturing sector.　Having various types of approved in-house inspectors and JISQ-9100 certification, we are fully equipped with the necessary Quality Management Systems for the Aerospace Industry.

5 Axis Machining Center

1,600 ton Press

3D-Coordinate Measuring Machine