fabricating proprietary products in a strictly confidential manner.



Advanced CFRTS, CFRTP, HP-RTM Press System Flow, First in Japan



Inspection test

Prototype•Small lot production



Available for Any Kind of Material (wet · dr)

SHIMA SEIKI MFG..LTD Max:1300×1700m Conveyor Belt + Picking Table Interlocking System Cutting Edge

Cutting plotter

Quick Response Heater System with the middle wavelength infrared light and the short wavelength infrared light



Asano Laboratories Co., Ltd. Ouick Response Heater 6kW×81Heaters×2set (Upper and Lower) (48.6kW/m2) Material Hand Robot Available for Any kind of Material



Material Hand Robot KR 240 R3330 Loading Capacity: 240kg

Epoxy Resin Injection machine



Krauss Maffei **Epoxy Resin Injection Machine**

REIKEN Mold rapid warning and cooling system(oil) ting temperature: 300°C Medium: Oil

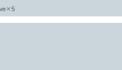
Remote-monitored 630 ton press machine Material handling for stable supply-



Krauss Maffei 630ton Press Machine W1200×L1500×H1700 Power Unit: Vacuum valve×2 Air valve×5

Mold Rapid Warning and Cooling System

Laser tracker



Analysis for providing a high quality

NDI inspection equipment



NDI inspection equipment destructive test machine) Matrix-eve™ FX

· 10.4-in nt size: 342 x 265 x 146mm AFT(aperture synth frequency: 100NHz (12 bits) imber: A maximum of 64 ch · 20_200V variable riable setup of transmitted vol uency band: 2 MHz-15 MHz

Inverted Light Microscopes



OLYMPUS Inverted Metallurgical Microscopes ital image record syst



Laser tracker (3D Measuring Instrument)

Iser tracker Non-contact 3D measuring instrument (portable type easuring method:Laser interferometer + absolute range finder scan range: angle / horizontal / vertical: 360° /±45 Inspecting room surface plate (embedded type) Lavout machine

Performance Evaluation

Static Universal Testing Machine 5985

New Technology · **Innovative Technique**



Metal insert **Minimum 3 minutes** <Reference> Molding time by new syster Image: Airplane Engine Bracket



INSTRON

985 type with long colum 250 kN $-60 \sim +300\%$

Hie

1968

- Founded Uchida Kougei as a self-employed small business in Ohi-machi, Saitama, Japan.
- Started manufacturing prototypes by carbon fiber.
- 1974
- Moved to new plant due to the need for mass production and manufacturing large-sized parts.
- 1984
- · Concluded a contract for prototype of two-wheel parts for racing. 1987
- · Started mass production of large-sized vehicles parts.
- 1991
- · Started aero parts development and manufacturing
- 1998 The plant relocation, moved to current address.
- 1999
- Introduction of medium-sized autoclave (started to development for two-wheel related ACM mold).
- Concluded of a contract for prototype of four-wheel parts, and started manufacturing prototypes of Formura1.
- Extended Plant-2 for introduction of measuring instruments and NC machining with related equipment.
- 2003
- · Introduction of large-sized and small-sized autoclave equipment, and established 2nd clean room.
- Started development of SUPER GT and racing parts for both domestic and overseas rac.
- 2004
- Started development of the motor show models with each model and each molding.
- 2005
- Started development for aircraft related parts
- Changed management system into business-unit based divisional system. Each devision stands for what they make.
- Participated in the next-generation vehicles and defense aircrafts by each national project.
- 2006
- · Changed the company name to UCHIDA Co., Ltd. and switched primary focus to composit manufacturing
- Newly established Uchida Kougei Ltd. for successing the existing business. 2007
- · Established 2nd plant in Miyoshi-machi.
- (Aerospace Sector) Certification of JIS Q 9100 : 2004/ JIS Q 9001 : 2008 (ISO 9001 : 2008)

2008

- Awarded "300 vibrant manufacturing SME's" from Ministry of Economy, Trade and Industry.
- 2009
- Welcomed the Governer of Saitama Prefecture, Mr.Ueda.
- Started to mold the largest aerospace parts in Japan.
- 2010
- Welcomed the local government committie of Saitama Prefecture
- 2011
- Approved as an official partner of HRC.
- · Delivered the 1st prototype to foreign helicopter manufacturer.
- 2012 · Uchida Kougei was merged into Uchida Corporation.

2013

- The 45th anniversary of Uchida Corporation.
- Passed the Audit by VOLKSWAGEN AUDI.
- Announced the Agusta Westland's Rotor Blade to the world.
- Received an award of excellence from IHI Aerospace Co., ltd. The CEO enrolled in Graduate School for getting a PhD.
- 2014
- Begins joint development with Lamborghin
- The GROVER E. BELL Award is given to Agusta Westland Project Zero Team which UCHIDA joined as one of 16 suppliers
- Establishes a branch office, UCHIDA Composite USA, in Washington state 2015
- · Exhibits in International Paris Air Show which is held in Le Bourget Airport, a northern suburb of Paris, France,
- Exhibits in MEDICA/COMPAMED 2015 at the world's largest medical trade fair in Dusseldorf, Germany.
- · Introduction of the press molding system with advanced composite material 2016
- · President Toshikazu Uchida graduated from Kyoto Institute of Technology, and received his Ph.D degree in Science.
- UCHIDA's "Lightweight composite bipedal walker" rewarded for JEC World 2016 Innovation Award
- Received an award of excellence in the section of development cooperation from HRC
- 2017
- Received an award for "challenge to the world" category in the Saitama Global award from Saitama prefecture.























