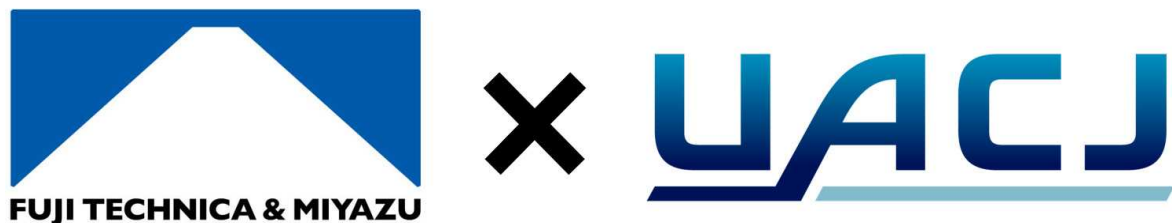


News Release (December 25, 2024)

Fuji Technica & Miyazu and UACJ Have Begun Joint Development of a Predictive Technology for Press Forming Automotive Panel Materials

**- To Shorten the Design Period for Aluminum Plate Molds
at Automotive and Press Manufacturers -**

Fuji Technica & Miyazu Inc. (“Fuji Technica & Miyazu”; President: Hasegawa Hiroshi), a consolidated subsidiary of Toyo Seikan Group Holdings, Ltd. (Tokyo 5901; President: Ichio Otsuka), has begun joint development with UACJ Corporation (“UACJ”; Tokyo 5741; President: Shinji Tanaka) of predictive technology for press forming aluminum sheet materials for automotive body panels. This technology aims to reduce the design period for aluminum sheet molds in the automotive industry and thus to contribute to realizing a carbon-neutral society by reducing energy consumption in the mold fabrication process and by lightweighting vehicles.



Ensuring the formability and dimensional accuracy of aluminum sheet materials in conventional press forming has been a challenge that has predominantly been met by trial-and-error mold design. This has resulted in prolonged development periods and inefficiencies in the mold fabrication process. With this new technology, simulation accuracy will be significantly improved, enabling the optimization of mold designs. This, in turn, will reduce energy consumption in the mold fabrication process, contribute to vehicle lightweighting, and ultimately improve fuel efficiency and electric power consumption while reducing greenhouse gas (GHG) emissions.

Fuji Technica & Miyazu will leverage its extensive applied expertise in press-forming and verification techniques to drive this project forward. By integrating UACJ’s simulation technology, we will create world-class predictive press-forming technology, thus accelerating the decarbonization of the automotive industry. We are fully committed to this endeavor.

About Fuji Technica & Miyazu Inc.

Since becoming a member of Toyo Seikan Group’s Toyo Kohan Group in 2016, Fuji Technica & Miyazu Inc. has embraced a new corporate philosophy of constantly creating new value and contributing to the realization of a sustainable society for the benefit of mankind. With a history spanning 70 years from before the merger of Fuji Technica and Miyazu Manufacturing, Fuji Technica & Miyazu seeks to innovate press mold technology by integrating its years of accumulated press mold skills with the latest IT, creating an innovative and beneficial manufacturing process. Above all, we are dedicated to creating groundbreaking and appealing automobile designs that make people say, “I want to drive it.” With our customers from around the world, we strive to shape these designs through a wholehearted focus on mold manufacturing.

<https://fuji-miyazu.co.jp/en/>

About UACJ Corporation

Operating globally as an integrated aluminum products manufacturer, UACJ Corporation strives to fulfill its purpose of “contributing to society by using raw materials to manufacture products that enhance prosperity and sustainability.”

UACJ leverages the collective capabilities of the entire UACJ Group, backed by a 125-year history of flat-rolled aluminum production. Operating five main businesses—the flat rolled products, automotive parts, extrusion and metal components, casting and forging, and foil businesses—the UACJ Group supports people’s livelihoods and industrial development by supplying aluminum materials to a wide range of industries, including the beverage can, automotive, IT device, air-conditioning, and aerospace industries.

UACJ posted consolidated net sales of 892.8 billion yen in the fiscal year ended March 31, 2024, and the UACJ Group currently employs about 10,500 people around the world.

<https://www.uacj.co.jp/english/>

About Toyo Seikan Group Holdings, Ltd.

Toyo Seikan Group Holdings, Ltd. is a world-class comprehensive packaging manufacturer that delivers a variety of packaging containers using materials such as metal, plastic, paper, and glass. In our Long-Term Management Vision 2050, “The Future, Wrapped for All,” we set a goal to go beyond our traditional field of packaging, aiming to become a corporate group that creates new value that changes society. Founded in 1917, Toyo Seikan Group Holdings, Ltd. conducts business on a global scale, with 44 group companies in Japan and 50 overseas, and currently employs a multinational workforce of 20,000 people. For more information, please visit <https://www.tskg-hd.com/en>.

For inquiries about this press release, please contact

Nakanori / Takada / Kakimoto
Corporate Communication Group
Sustainability Department
Toyo Seikan Group Holdings, Ltd.
(Email) tskg_contact@tskg-hd.com