# Special Feature

## Enhancing Customized Injection Molding Machines


*JSW Worldwide IoT Solutions of Enhancement*

Based on the Mass Customization Strategy* of our injection molding machine business, we developed and commenced sales of three new customized products. The J's Drive System™ realizes both high-load and high-speed injection, while the SOFIT™ offers improvements in such issues as stable production and manufacturing costs of foaming molding technology, which is expected to contribute to the weight reduction of automotive parts. The third customized injection molding machine is the J-WiSe™, which helps realize turning existing facilities into smart factories through the utilization of Internet of Things (IoT) technologies.

We are committed to providing solutions using injection molding technology in such fields as automobiles, home appliances, office automation equipment, food containers, and daily goods.

* Using the common, standardized components as the foundation, providing customized machines in response to regional and customer needs to aim for product differentiation

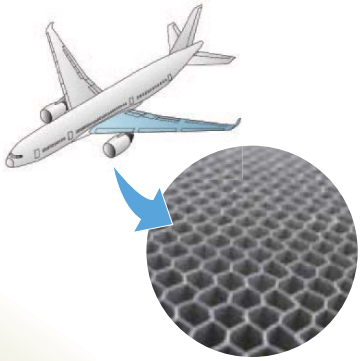
## Full-Fledged Entry into the Aircraft Business

The aircraft business necessitates state-of-the-art technologies and extremely sophisticated quality management. Thinking the JSW Group could apply its advantages, it launched its own aircraft business.

In October 2018, we obtained JIS Q 9100 certification (2016), a quality management system, which is required by manufacturers to enter into the aerospace and defense industries in Japan (for the honeycomb core processing of aircraft rotor blades). We aim to firmly establish the mass-production structure of the product while at the same time strengthening activities toward obtaining certification for carbon fiber resin composite materials as well.

By making full-fledged entry into the aircraft business, for which abundant demand is expected mainly for commercial airplanes, we are dedicating earnest efforts into expanding our business.

* Honeycomb core refers to a structure with hexagonal cells pressed together. It is lightweight yet features such attributes as high strength, high rigidity, shock absorption, and heat resistance.



*Aluminum honeycomb core*

## Raising Production Capacity by 15% at the Hiroshima Plant

*No. 6 assembly factory*

*No. 7 assembly factory*

The Hiroshima Plant is our production base for industrial machinery products. In response to robust demand mainly for plastic machinery, in September 2018 we established the No. 6 and No. 7 assembly factories as well as a new service center for injection molding machine parts. Through these capital investments, the production capacity of the Hiroshima Plant has been increased by 15%.

To provide a pleasant and comfortable work environment for employees, a new welfare wing complete with a cafeteria, locker rooms, and showers has also been built.

## Policy Decided for Absorption-Type Merger of Meiki Co., Ltd.

Meiki Co., Ltd. is a pioneering company that developed an injection molding machine for the first time in Japan. Since concluding a capital and business alliance in October 2008, we have gradually forged a close relationship, culminating in 2016 to make Meiki into a JSW Group subsidiary.

Meiki has steadily performed well mainly in the area of large injection molding machines for automobile-related manufacturers. Aiming to pursue a future business expansion for the entire JSW Group, we decided on a policy to absorb and merge Meiki in April 2020 to optimally allocate management resources.

We are determined to link this merger to more efficient business operations, productivity improvements, and higher profitability.

*Meiki Co., Ltd.*