

November 30, 2021

Large-sized Electric Injection Molding Machine “1600emIII” Added to Lineup

Ube Industries, Ltd.
Ube Machinery Corporation, Ltd.

President Hironori Miyauchi of Ube Machinery Corporation, Ltd., the core company of the UBE Group's machinery business, announced today the development and release of the new 1600emIII. With a clamping force of 1,600tons, the emIII series achieves space-saving, lower profile and industry-leading energy-saving function contributing to carbon neutrality.

The emIII series is an electric injection molding machine with two-platen clamping mechanism, and has been gaining popularity from customers all over the world since its release in 2020. With this release, the emIII series now has machines with 1050, 1300 and 1600 tons of clamping force in the lineup. Ube Machinery is confident the emIII series will successfully contribute to our customers' productivity by meeting business demands of industry segments like automotive, motorcycles, electric appliances, industrial materials and household appliances.

Features of emIII series (1050, 1300, 1600ton)

1. Energy-Saving Function Contributes to Carbon Neutrality and Water-Soluble Paint Helps to Reduce Environmental Load

Energy consumption and machine weight are reduced by more than 20% compared to conventional electric machines. In addition, operating costs are reduced by lower hydraulic oil quantity and grease consumption. CO² emissions are also reduced during transportation and installation. Water-soluble paint is adopted to reduce VOC emissions.

2. High-Cycle

Faster dry cycle time is achieved by shortening 30% compared to conventional electric machines and contributes to higher productivity.

3. Small Footprint

The emIII series is shorter than a conventional two-platen machine and allows for better use of floor space and easier factory layout.

4. Lower Base

Operator platforms are no longer necessary with a lower base. Operability and maintainability are improved by direct access to the operation panel and mold area from the floor.

5. IoT Applicable MAC-IX Controller

The MAC-IX controller, featuring exceptional operability with two screens combined on one large

screen, is equipped as standard. IoT solutions such as factory monitoring, operation records, alarm records, quality control and quality analysis are available. (Optional)



* 1300emIII (pictured above). (1600ton is currently being manufactured)

● Data for Ube Machinery Corporation, Ltd.

Name	Ube Machinery Corporation, Ltd.
Location	1980, Okinoyama, Kogushi, Ube City, Yamaguchi prefecture
Representative	Hironori Miyauchi, President
Business Description	Manufacturing, sales, servicing, and maintenance of die casting machines, injection molding machines, extrusion presses, vertical mills, kilns, bulk handling machines, water screening equipment, bridges, floodgates, steel structures and other industrial machinery
Capital Stock	6,700 million yen
Established	September 1999
Shareholder	Ube Industries, Ltd. (100%)
Number of Employees	1,183 (As of November 1, 2021)

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