

September 14, 2023
UBE Corporation
UBE Machinery Corporation, Ltd.

UBE Machinery Corporation Receives Order for Ultra-Large Die Casting Machine for Giga Casting

UBE Machinery Corporation, Ltd. (President: Hironori Miyauchi), the core company of the UBE Group's machinery business, has received an order for an ultra-large die casting machine for giga casting. Giga casting is a form of die casting technology that uses aluminum alloy to integrally mold large automotive body parts. The order was received from Ryobi Limited (President and CEO: Akira Uragami).

This is the first order received by a die casting machine manufacturer in Japan for an ultra-large die casting machine. The machine is the UB6500iV2 Die Casting Machine, which UBE Machinery announced it would start taking orders for at the Japan Die Casting Congress & Exposition held in November 2022. UBE Machinery aims to deliver, install, and hand over the machine at Ryobi's Kikugawa Plant (Kikugawa City, Shizuoka Prefecture) in fiscal 2024.



External view of the UB6500iV2 Die Casting Machine (conceptual image)

Die casting machines

Die casting is a method of producing a wide range of metal products such as automotive engine parts, high-strength chassis parts, body structure parts, and large thin household appliance parts. It works by injecting molten light alloy into a mold. A machine equipped with a die (a metal mold) that enables die casting is called a die casting machine. Since delivering its first machine in 1962, UBE Machinery has continuously worked to innovate die casting technology and develop die casting machines that meet the needs of the times.

Giga casting

Giga casting is a casting technology that uses molten aluminum alloy to integrally mold large automotive body parts. It can significantly reduce the number of parts and manufacturing processes compared to conventional methods.

UBE Machinery Profile

Name	UBE Machinery Corporation, Ltd.
Location	1980, Okinoyama, Kogushi, Ube City, Yamaguchi Prefecture
Representative	Hironori Miyauchi, Representative Director & President
Business Description	Manufacture, sale, service, and maintenance of die casting machines, extrusion presses, injection molding machines, kilns, chemical equipment, crushers, vertical mills, bulk handling machines, water screening equipment, bridges, floodgates, steel structures and other industrial machinery
Capital	6,700 million yen
Founded	January 1914
Established	September 1999
Shareholder	UBE Corporation (100%)
Number of Employees	1,200 (As of September 1, 2023)

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