

A communication tool that
connects Shibaura Machine with its customers

CS MAIL

DCR2 SERIES
Sales Launched



Shibaura Machine

Launch of the New Die Casting Machine “DC-R2 Series”

High-productivity,
low environmental impact die casting machine

3SConcept
SAVE TIME
SAVE THE EARTH
SAVE WORKFORCE

DC-R2 SERIES



Check here
for details



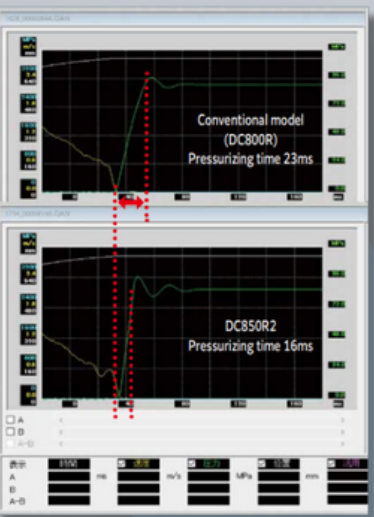
TOSCAST-999



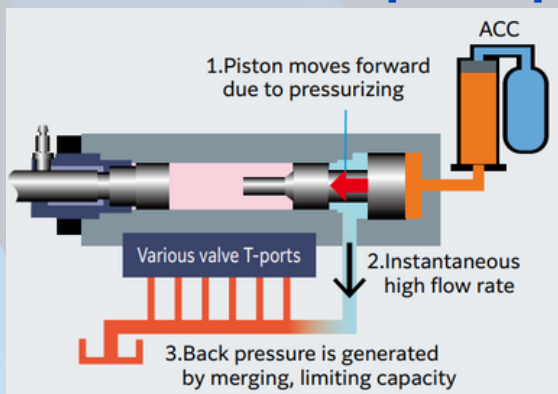
Features

- ◆ **Equipped with the New TOSCAST-999 Controller**
 - 19-inch large touch panel integrated into the operation box
 - Enhanced usability with dual-screen layout (top/bottom) and full-screen mode
- ◆ **Die Locking Force Increased by 50 Tons** ※DC400R2/DC850R2
 - Reduced burr generation in thin-walled products
 - Improved internal quality for thick-walled parts
- ◆ **Pressurizing Time Reduced by 30%** ※DC500R2/DC650R2/DC850R2
 - Newly adopted hydraulic circuit improves stability of internal quality

Comparison of intensification waveforms

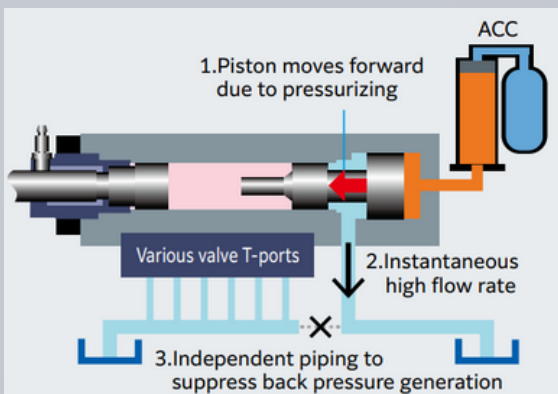


Conventional model [DC800R]



Failure to bring out the potential of the machine

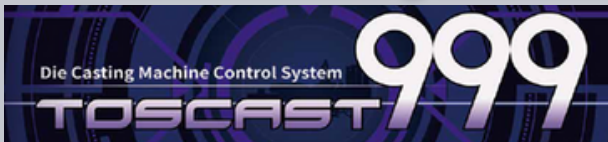
DC850R2



Intensification performance is improved because the potential of the machine can be unleashed

C2G15 at valve opening degree 3rev
30% improvement in intensification time

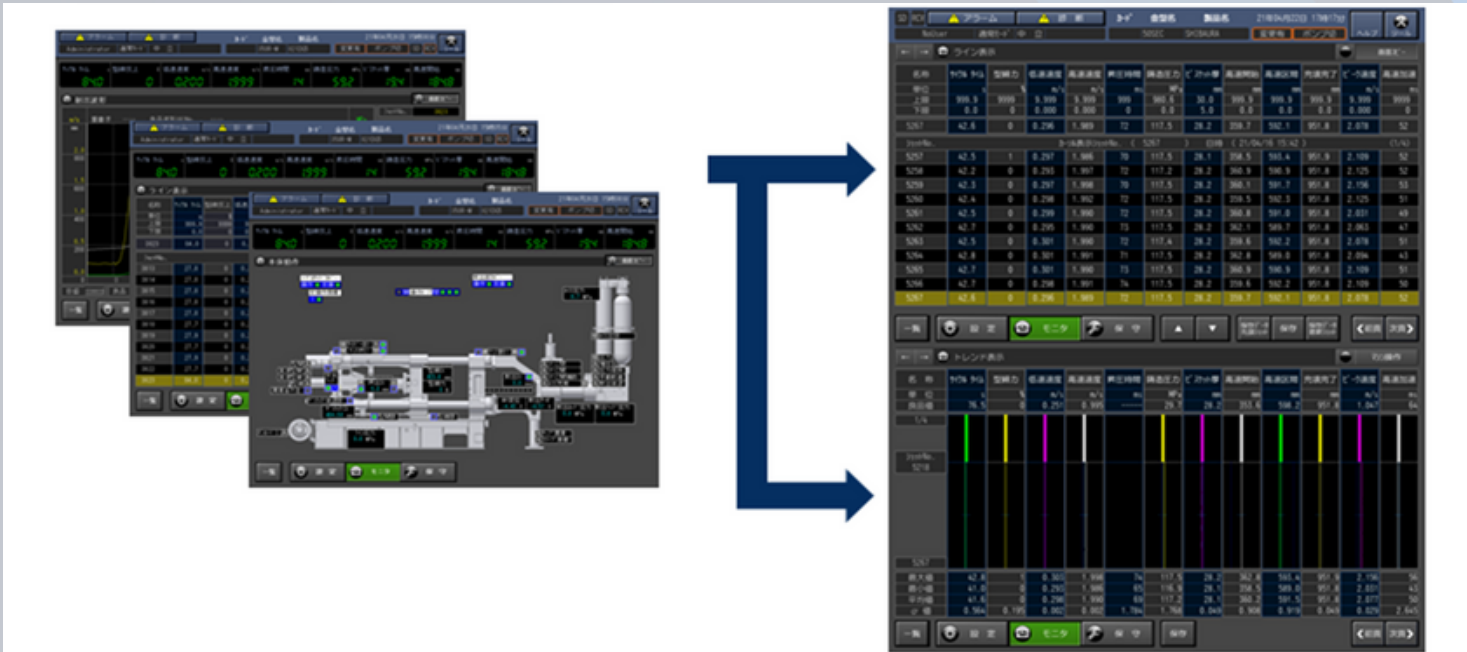
Die Casting Machine Controller TOSCAST-999



Compared to the previous controllers, the adoption of a larger touch panel significantly improves operator visibility and operability.

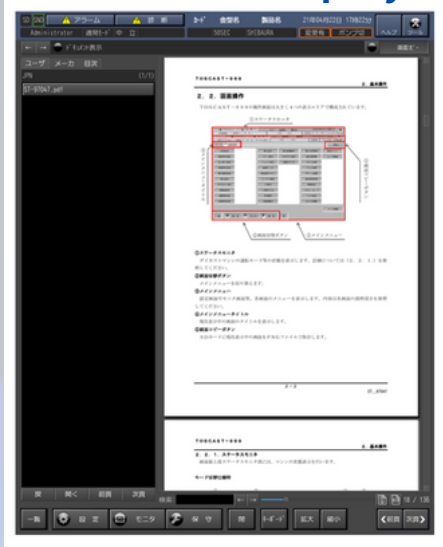
TOSCAST-888 model (15-inch display)

TOSCAST-999 model (19-inch display)



The large 19-inch vertical screen improves visibility, operability, and setting flexibility. Two screens of your choice can be displayed on the top and bottom of the screen. The new system responds to customer needs such as “production control while looking at the monitor” and “changing conditions while checking the monitor.”

Document display



TOSCAST Controller Lineup

Function Comparison	TOSCAST-888	TOSCAST-999
Touch panel	15-inch	19-inch
Multi-screen display	×	○
Machine operation screen	×	○
Number of injection waveform displays	5	10
Document function	×	○
Help function	×	○
Mold data capacity	Internal mold: 128 molds SD mold: 12,800 molds	
Maintenance parts management	○	
Number of quality monitoring items	48	
Operation history capacity	140 records	1400 records

In addition to manufacturer-preinstalled documents such as operation manuals, users can load their own images or PDF files—such as work procedures, phone directories, or consumables lists—directly into the system. The document display function allows customers to freely assign access ranges for each operator, enabling a wide variety of applications.

- ★ The controller supports multiple languages. This enhanced user management function improves the efficiency of global production management.
- ★ In addition, the remote management system dPAQET2 [optional] helps maintenance and production efficiency

Introduction of Shibaura Machine's New Group Company

Functional Fluid Co., Ltd.

As of May 1, 2025, Functional Fluid Co., Ltd. (hereafter “FF”), has officially joined the Shibaura Machine Group.

FF has long pursued the functional capabilities of “water and air,” familiar and essential media in everyday life. The company has continuously developed products aimed at eliminating various water-related issues and improving product accuracy and productivity through highly efficient heat transfer. With this expertise, FF is recognized as a specialist in cooling-water management and heat-transfer technology.

This newsletter introduces FF and some of its key products.

Company Overview

Name: Functional Fluid Co., Ltd.
Established: June 5, 1984
Head Office: Chiyoda Building Annex 5F, 1-4-5
Utsubohonmachi, Nishi-ku, Osaka 550-0004

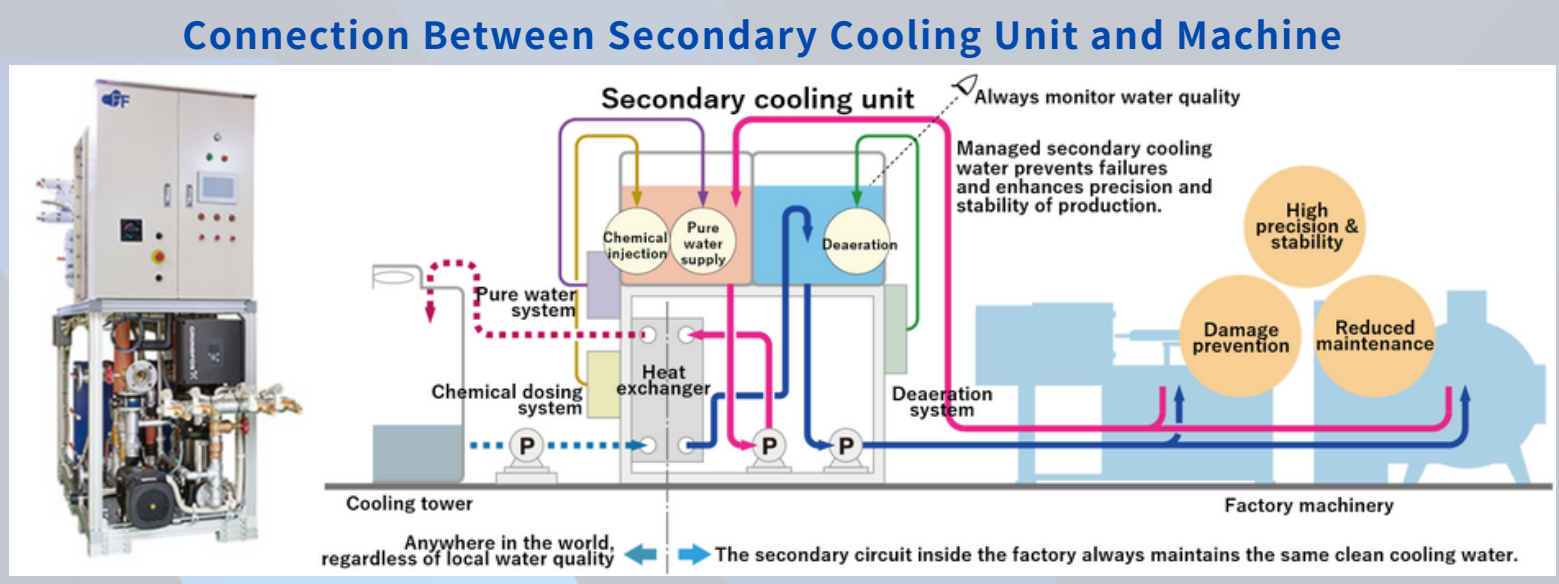


- 1984 : Established as Shinsei Cooling Systems Co., Ltd.
- 1992 : Launched secondary cooling units for injection molding machines (UWT Cooling Unit)
- 2006 : Company name changed to Functional Fluid Co., Ltd.
- 2007 : Began sales of secondary cooling units for die casting machines
- 2019 : Launched remote monitoring system for secondary cooling units
- 2022 : Introduced secondary cooling units for small die casting machines (650t and below)
- 2025 : Joined the Shibaura Machine Group



Introduction of Major Functional Fluid Products

- **Secondary Cooling Units (UWT-200S/W, UWT150-50)**
These systems separate cooling-tower water from machine-side cooling water, maintaining clean factory cooling water regardless of original water quality.



SHIBAURA MACHINE INDIA PRIVATE LIMITED

We develop creative, comprehensive, and sustainable engineering solutions for a future where society can thrive.

PHILOSOPHY

- Help companies to mold products with **precision & speed**, offering very high quality of output.
- Offer **competitive products and services** to our clients that would equip them with a leading edge in market place.
- Comprehensive **service network and application knowledge** across segments help clients to choose the right product for their requirement.



WHY CHOOSE US OUR HISTORY

With decades of experience in plastics machinery segment, we help hundreds of companies around the world to mold products with precision & speed, offering very high quality of output. With Shibaura Machine factories spread across Japan, China, Thailand and India, we offer competitive products and services to our clients that would equip them with a leading edge in market place. Our comprehensive service network and application knowledge across segments help clients to choose the right product for their requirement and would optimize the production with a very high up-time.

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Shibaura Machine India

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チャンネル登録





We create machines that create the unknown.

Shibaura Machine India ✓

Advanced Injection Molding, Die Casting & Machining Solutions for Efficient & Reliable Manufacturing.

