

12 Enhance surface quality and value

Resource
consumption cut

Productivity UP

For All Molding Products

Added Value UP



3D weldless alliance

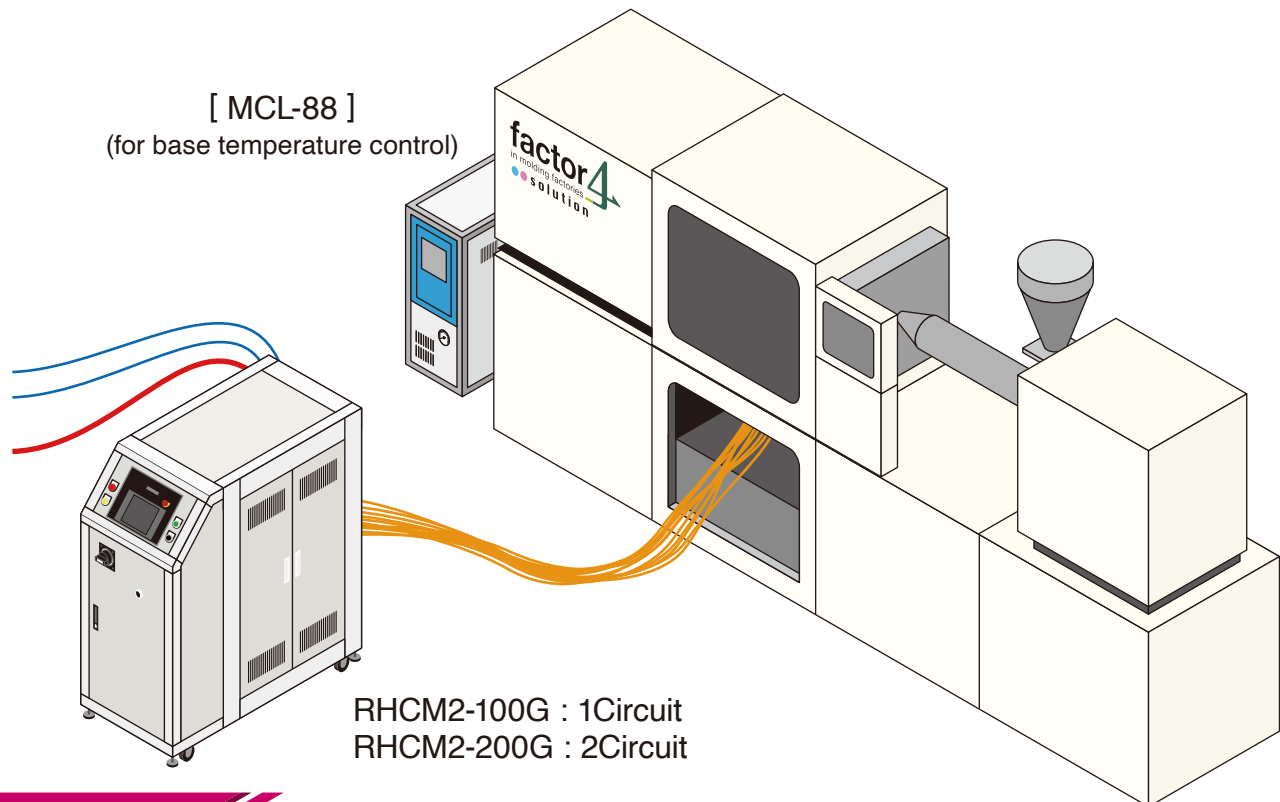
TAKCEL

Realized one notch above on the surface finish.
PP compatible, and eliminates the need for mold
draft angle!

Rapid Heat Cycle Molding (RHCM®) (Steam)

Overview

This Heat & Cool (RHCM®) molding system is provided by 3D Weld-less Alliance. We contribution adds additional value by realization of Weldless, reduces parts sticking in the mold, allows decals in the mold, improves visual quality (coat less), fillers will not be seen, reduces warp age, deformation of the part, and relaxation of the part. Matsui provides the most advanced improvement of parts quality for specifically designed molds.



Features

- Temperature rise 2.5-6 times with steam verses water type system.
- Temperatures rise more uniformly in a shorter time period on mold surfaces by the use of specifically designed molds.
- Molding assistance is available at a cost from the Alliance.
- New facilities can introduce the Heat & Cool (RHCMR).

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- **Valve Control Unit** for Rapid Heat Cycle Molding (RHCM[®]) with steam

RHCM2-100G (1 Circuit)



RHCM2-200G (2 Circuit)



MEMO



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factor4
in molding factories

Doubling Wealth,
Halving Resource Use

Matsui, your Plastic molding partner for resource reduction, propose to achieve 'factor 4' in molding factories.

We aim to increase productivity by 4 times by achieving the following, 'Save Water', 'Save Resin' and 'save Energy'.

If you are looking for a best solution...

factor4 solutions

