

1 2 3 4

## 12 Enhance surface quality and value

Resource consumption cut

Productivity UP

For Plate-like molding parts

**Added Value UP** 

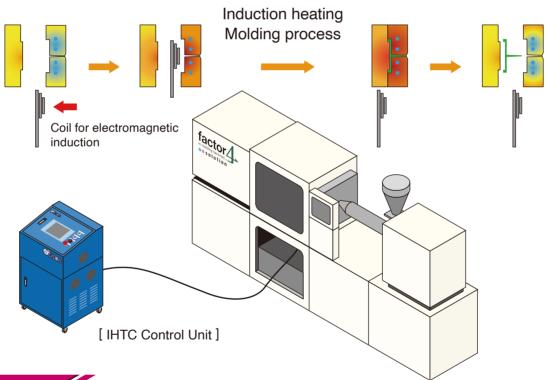
Eliminate weld lines more easily.

Improve texture transfer and finish quality!

## Heat&Cool System (Induction Heating)

### Overview

The Heat & Cool system can be used with current molds, (Inspeciton of mold construction is required.) This system heats the mold quickly using the solenoid induction method to a usable temperature. Achieving temperatures up to 200°C is possible, thus supporting engineering plastics resins.



#### **Features**

- Resin fluidity rises and fills the mold completely in a short time period based on high mold temperatures.
  - →Weld line disappears.
  - →Improves part quality.
  - →Improves part appearances.
- This system will increase the surface temperature of the mold only.
- Temperatures of more than 200°C are possible. (Medium-type-160°C, Steamy-type-180°C)
- Adaptable to new materials of CFRP, CFRTP, etc.

# 12 Enhance surface quality and value Added Value UP

MEMO			
MATSUI <sup>®</sup>	In NAME	factor 4	Doubling Wealth, Halving Resourse Use
Osaka Head Office    Addr:OBP PLAZA BLDG.17th F. 1-4-70    Osaka 540-0001, Japan.	mtps://matsur.net	Matsui, your Plastic molding partnachieve 'factor 4' in molding factor	er for resorce reduction, propose to s.  4times by achieving the following,
<ul> <li>Tokyo Head Office Addr:Shinosaki Kangyo BLDG .9F, 1-6 Tokyo 141-0032, Japan.</li> </ul>	-4, Oosaki, Shinagawa-ku, TEL:03-5436-3521 / FAX:03-3495-5331	If you are looking	for a best solution
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