

12 Enhance surface quality and value

Resource
consumption cut

Productivity UP

For Plate-like molding parts

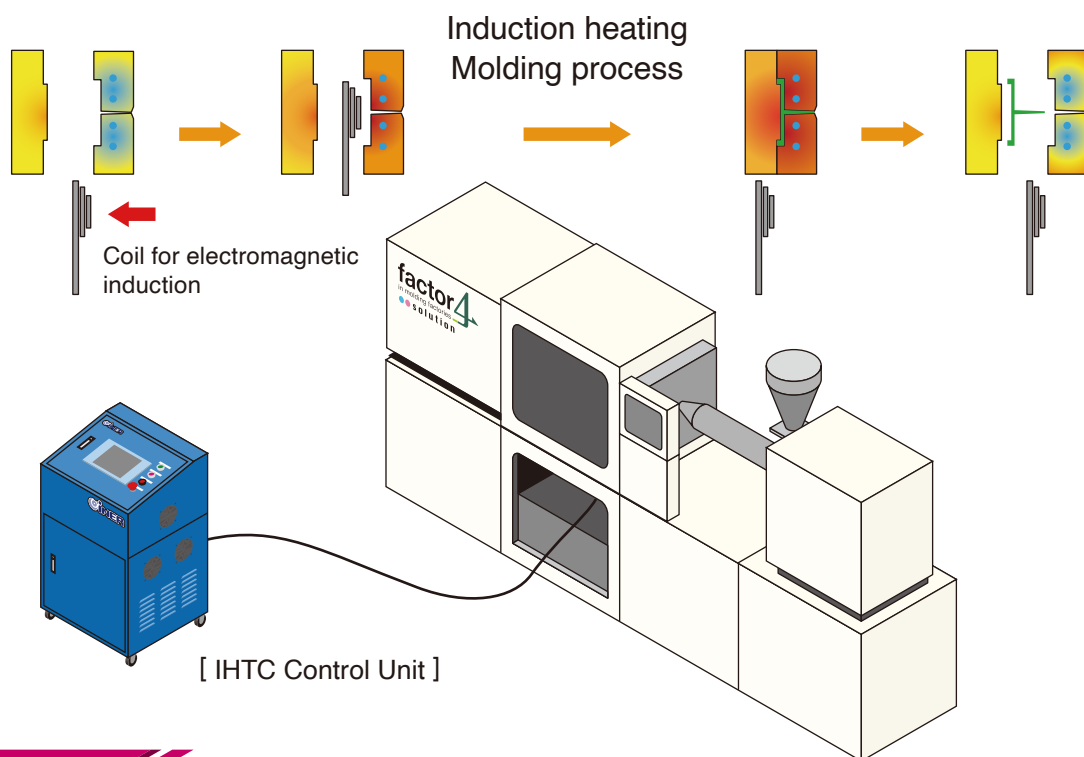
Added Value UP

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, (Inspection 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.

[illegible]