The introduction of Mag clamp in the vertical IMM eliminates bolting job (temporary tightening, retightening) in the limited space of the machine and realizes shortening the set up time considerably.

No need to screw / unscrew in a limited space.

Mag clamp for vertical IMM

Upper clamp plate
Magnet core
Plate mount screw
Displacement detection core

Eject pin PAT.

Mold (big size)  Mold (small size)

No need to unify the mold size
Mag clamp for vertical IMM

750kN (75ton) vertical IMM (rotary) Mag clamp for lower mold
Mag clamp for lower mold mold loading procedure

1. Loading the master mold

2.1 Lower Mag clamp ON
2.2 Table rotates

3.1 Table stops rotating
3.2 Lower Mag clamp OFF

4.1 Mold clamped by platens with Mag clamp OFF
4.2 Upper Mag clamp ON

5. Lower Mag clamp ON

6. Lower mold to be positioned by the procedure of 2 to 5

- The system can be securely operated with safety interlock.
- The above procedure is explained at upper mold basis.
Contact Pascal for lower mold basis procedure.
Mag clamp for vertical IMM

Clamp plate

Clamp plate for upper mold (fixed table)  Clamp plate for lower mold (rotary table)

Displacement detection core

Operation panel for Vertical IMM

model ESMD-C  model ESMD-E

Operation panel Model

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<th>ESMD-C</th>
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