Mold change with no work in the machine

Shortening the set up time to 45 min in 250 ton class

Displacement of the mold can be detected

6,000kN (600 ton) Two-color IMM vertical loading Mag clamp
Mag clamp for two-color IMM

Hand tightening method

It takes long time because an operator has to install / remove bolts many times at a narrow space in a machine.

Mold changing time: 60 min (250 ton class)

- It is easy to drop tools.
- Limited power exertion.
- No visual

Need to move to operation / non-operation side to install / remove bolts.

Install bolts many times.

Mag clamp

Clamp instantly by magnetic force with no work in the machine.

Mold changing time: 15 min (250 ton class)

- Simply use the operation panel to clamp and unclamp the mold.
- With no work in the machine.
- Mold changing is done in only 15 minutes.

The moving picture of mold change operation for two-color IMM with mag clamp is being uploaded in Pascal web site.
Mag clamp for two-color IMM

Vertical loading

Horizontal loading

Mold plate
Primary mold
Secondary mold
Mag clamp

Mold die changer
(Manual, Non track, Non elevated table type)
Mag clamp for two-color IMM

Clamp plate

Clamp plate for movable platen

Clamp plate for fixed platen

Operation panel for two-color IMM

Control box

model ESMD-D

Operation panel Model

ESMD-D

Operation panel for two-color IMM

*It enables operation of 4 plates individually.