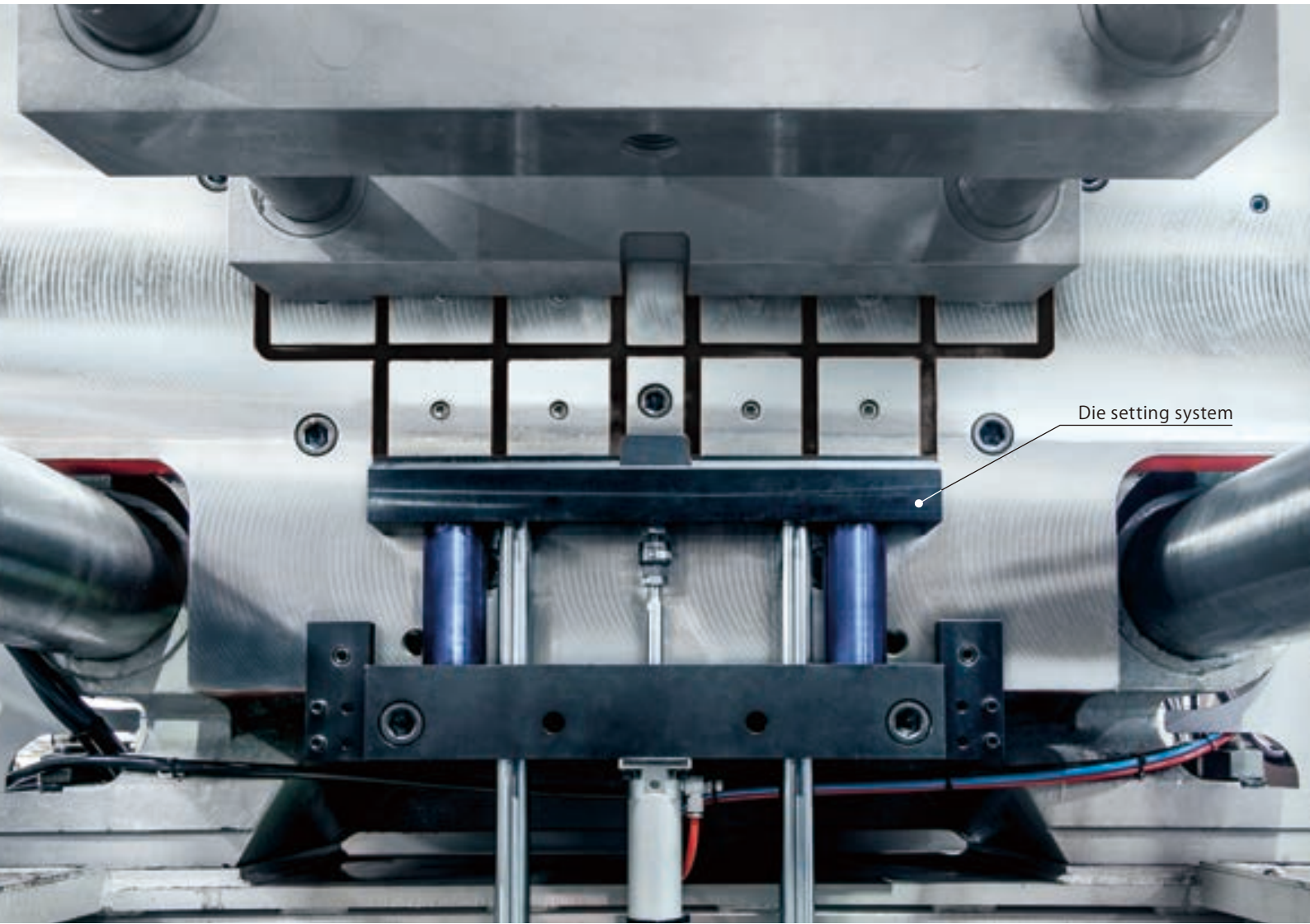


New proposal in place of conventional locate ring

Introducing a Die setter, the horizontal and vertical positioning can be determined surely and easily by placing a mold on a Die setter and it improves the productivity and set up.



3,500kN (350ton) IMM vertical loading Die setting system & Mag clamp

Die setter operation panel

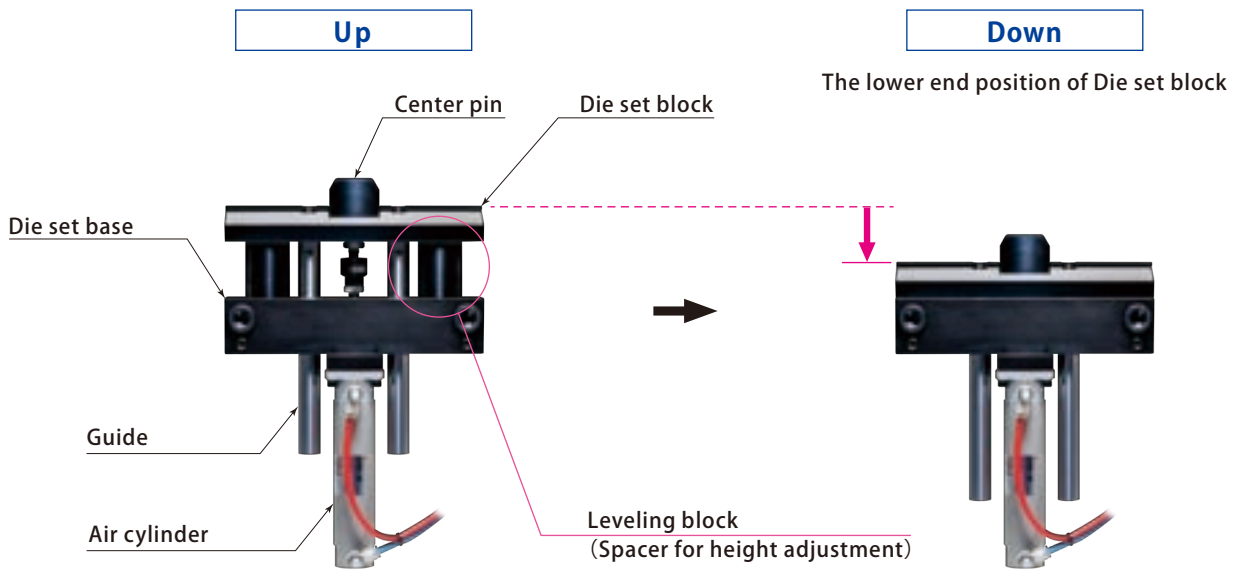


The lift of Die set block is operated. It is mountable near the IMM control panel with L type bracket.

Die setter & Clamp operation panel



There is also a model integrated with clamp and die setter. Contact Pascal for details.



Leveling block

Positioning by putting leveling block between a die set block and die set base.



Model designation

MDL 01 A

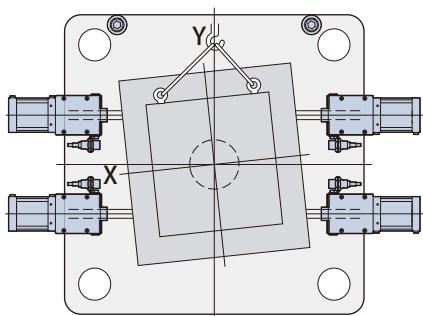
- 1 Die setter block type
 - A : Fixed side (with center pin)
 - B : Movable side (without center pin)
- 2 Mold weight

Model		MDL01	MDL03	MDL04	MDL06	MDL10	MDL15
2	Mold weight kg	1000	3000	4000	6000	10000	15000
Applied IMM	Clamping force kN(ton)	1000 (100)	2300 (230)	3500 (350)	6500 (650)	8500 (850)	10500 (1050)
	Loading direction	Vertical loading, Horizontal loading					

● Leveling block is attached. (2pcs)

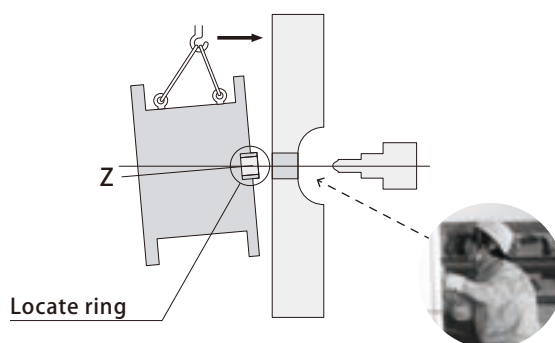
Die setting with locate ring

Mold center (X,Y) is not stable.



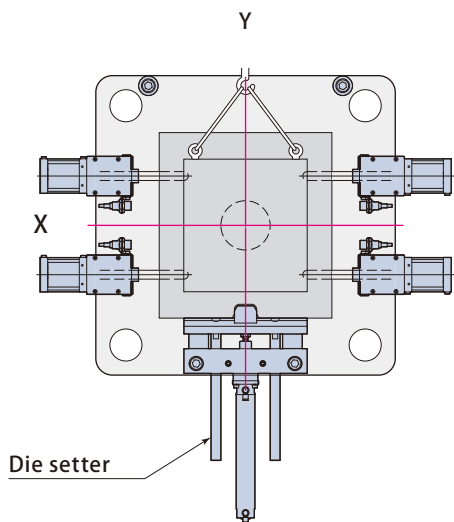
Hard to load the mold

(Visual confirmation from back side of platen (nozzle side) due to the shape of locate ring/Risk of damage of platen or mold when mold loading)

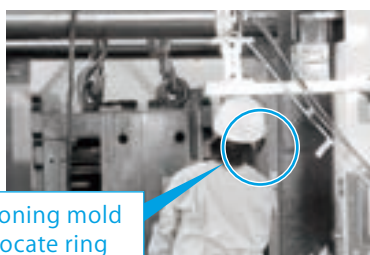
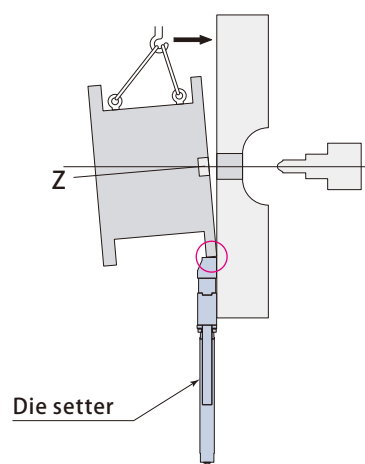


Die setting with die setter

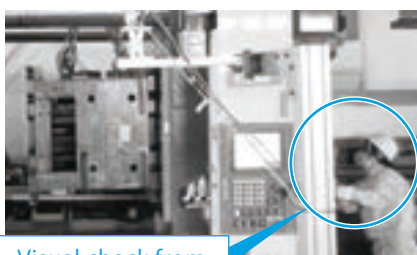
Mold center (X,Y) is quickly secured.



By placing the mold on the die setter, die setting is easy.



Positioning mold with locate ring :Unnecessary

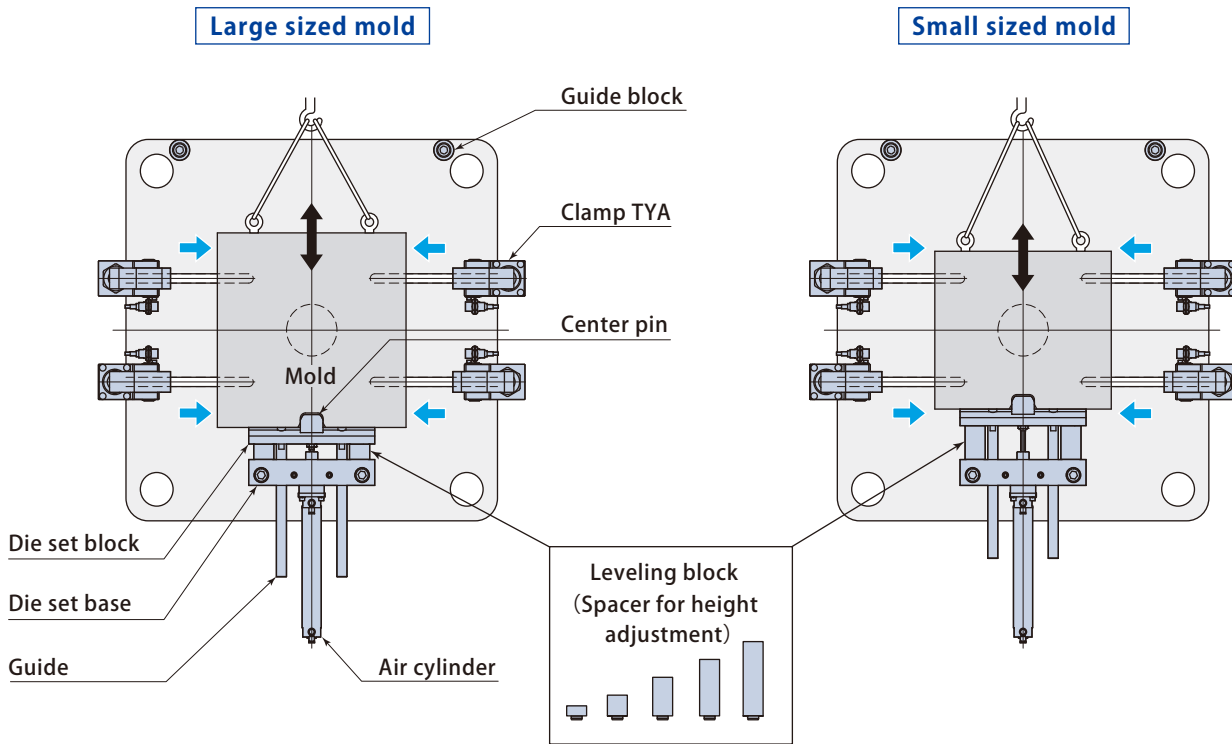


Visual check from injection unit side :Unnecessary

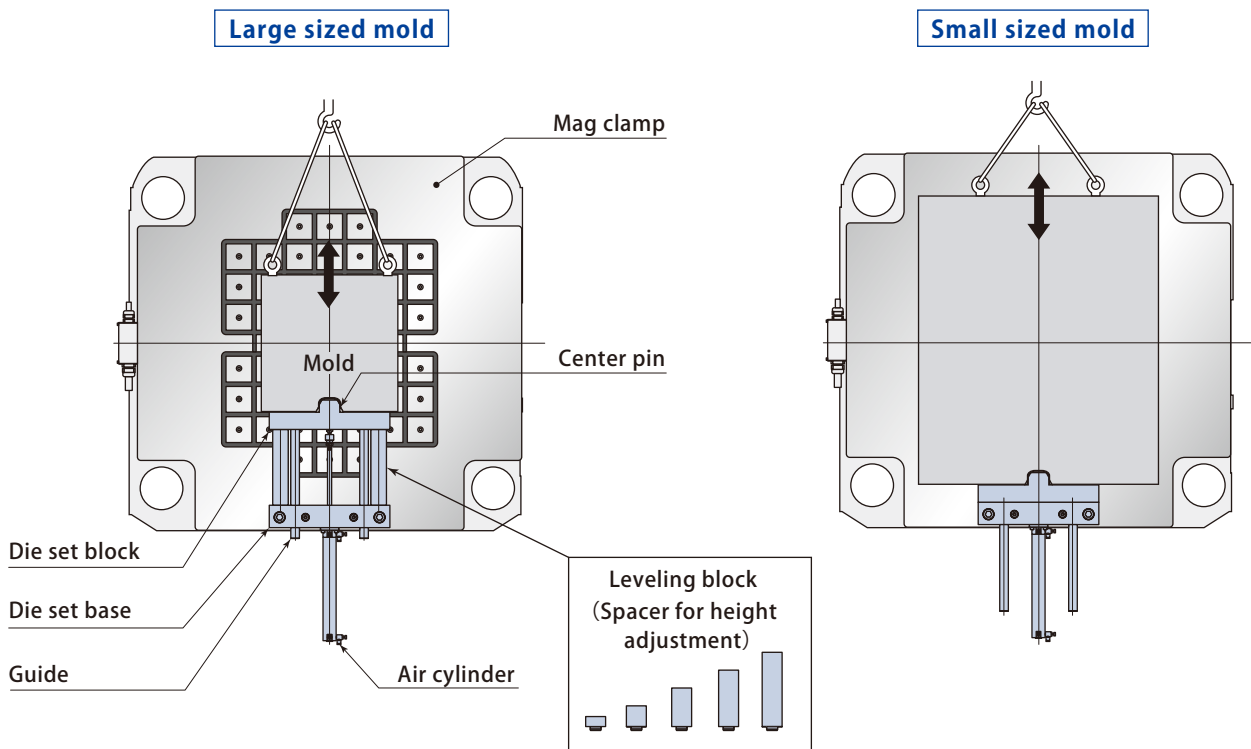


Mold leveling :Unnecessary

Die setting system & Automatic clamp (vertical loading)

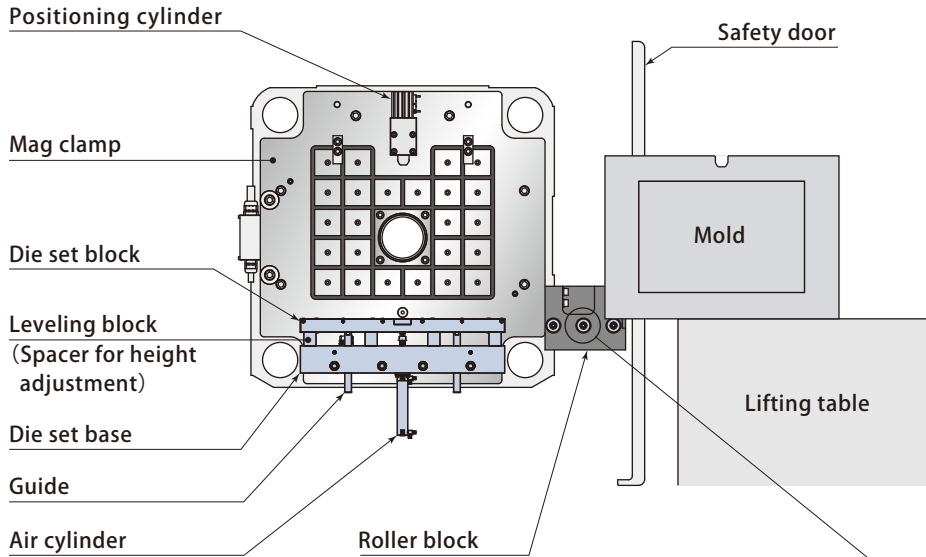


Die setting system & Mag clamp (vertical loading)

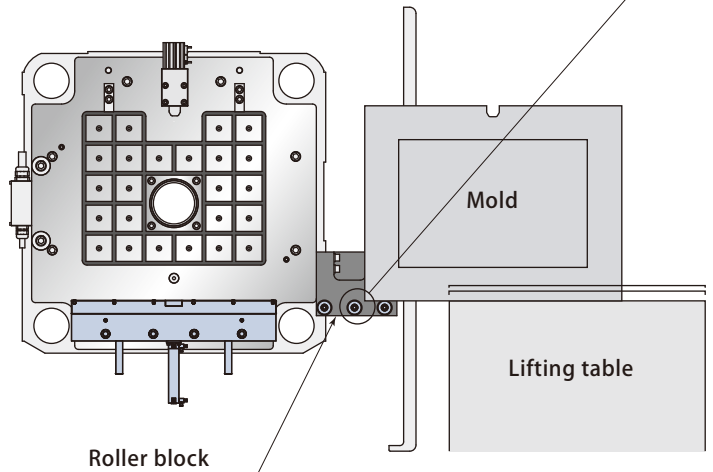


Die setting roller & Mag clamp (horizontal loading)

Small sized mold

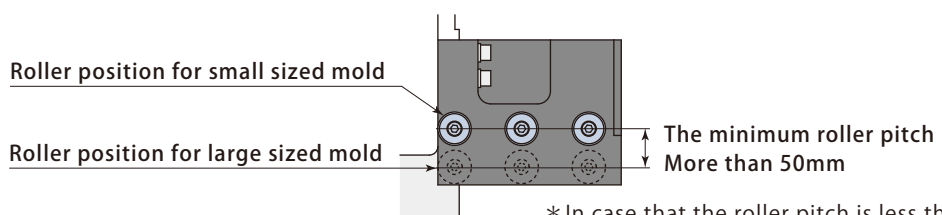


Large sized mold



No modification is required on mold.
Just replacing rollers to another
position according to the transport
level.

Transport level change



* In case that the roller pitch is less than 50mm,
contact Pascal for details.

In standard horizontal mag clamp system

A **spacer should be attached** to the mold to match the transport level.

