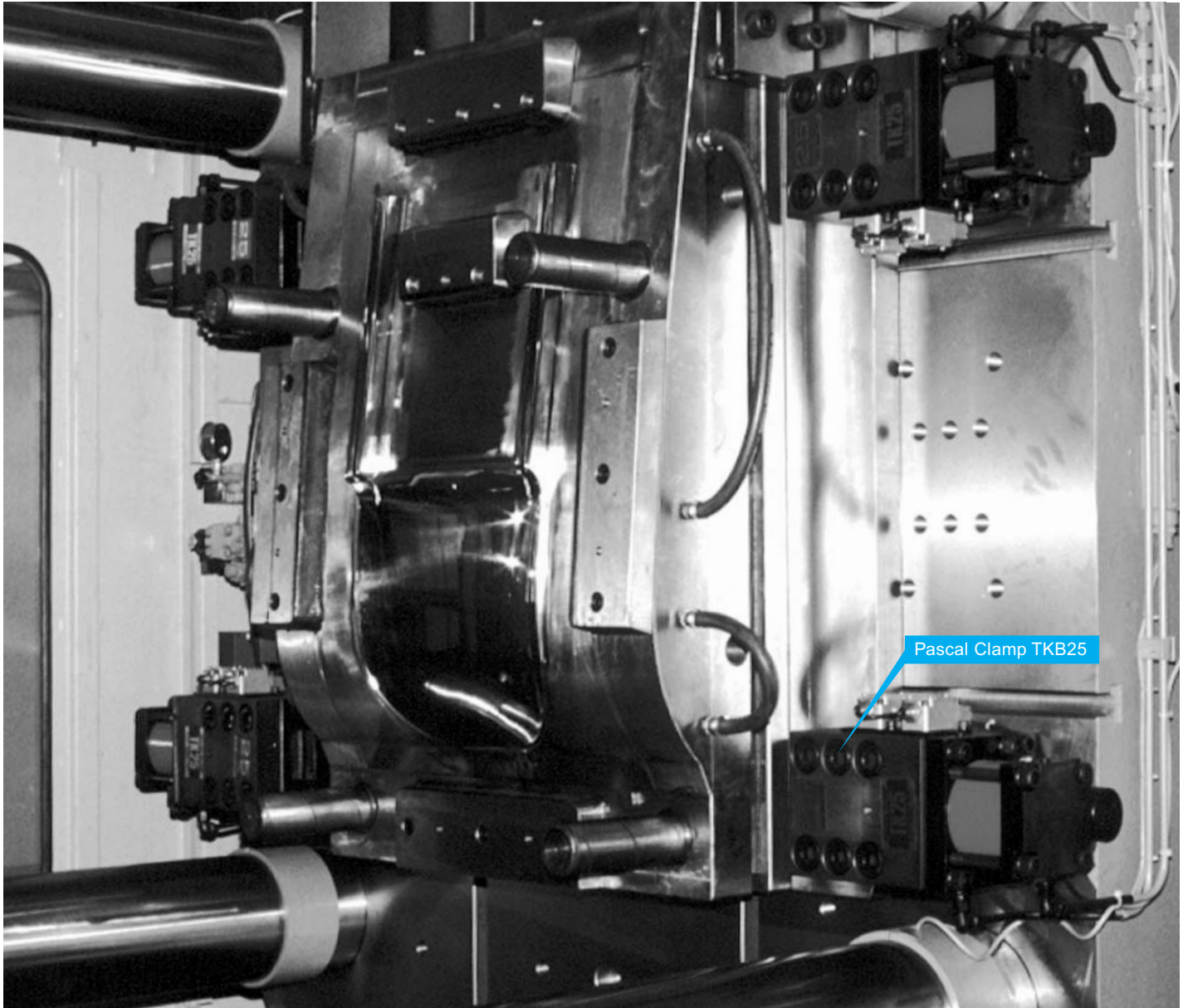
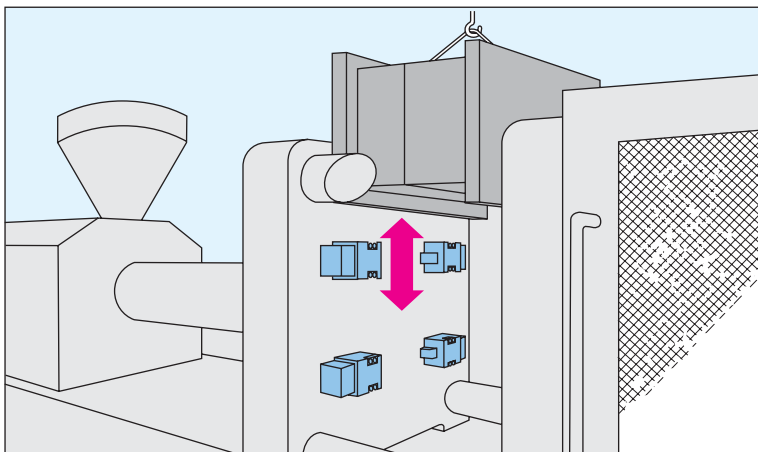


PASCAL QUICK MOLD CHANGE SYSTEM PROMISES



Pascal Clamp TKB25



Traditional mold change operation needs skilled operators that are forced to work under hot and dangerous conditions.

PASCAL Quick Mold Change Systems can avoid this traditional problem. Operators can avoid tightening heavy bolts in narrow spaces, often between two platens. Operators can just press a button and fix the mold to the machine.

PASCAL Quick Mold Change System has continuously been adopted by many injection molders worldwide.

DRAMATIC INCREASE OF PRODUCTIVITY

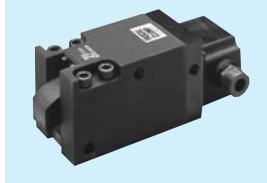
PASCAL VERTICAL MOLD CHANGE

Vertical Mold Change by means of a crane is the simplest method and can be equipped with minimum investment cost.

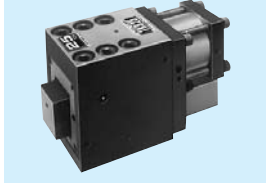
SYSTEM IVM (IVK)

When the width of the molds is unified, system IVM or IVK is applicable. Retracting lever clamp model TME is used for System IVM, which is suitable for small to medium size injection molding machines. Model TKB is used for System IVK, which is good for large machines.

MODEL TME



MODEL TKB



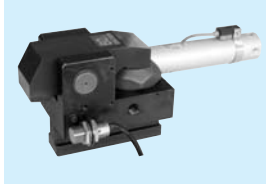
SYSTEM IVY (IVX)

When the width of the molds cannot be unified, system IVY or IVX is applicable. System IVY or IVX contains T-slotted plate to be fixed on to both platens and Pascal Auto-Slide clamp TYC-R or Pascal Manual-Slide clamp TYA respectively are installed.

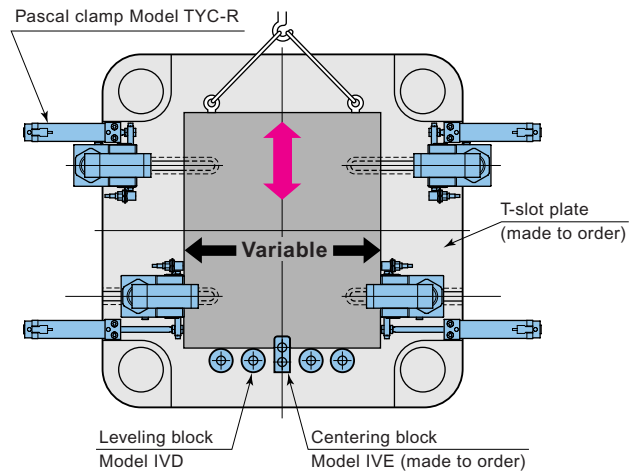
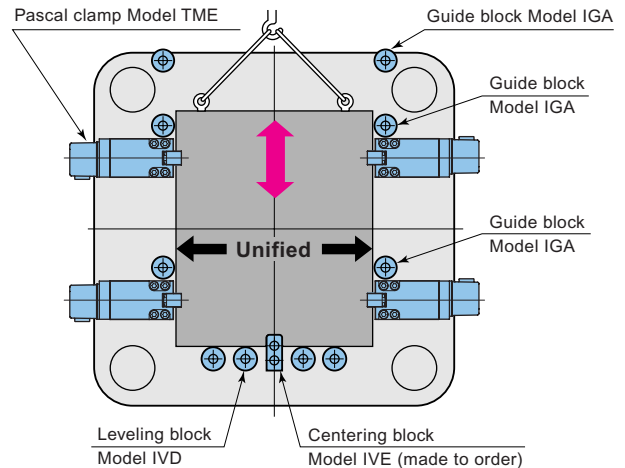
MODEL TYA



MODEL TYC-R

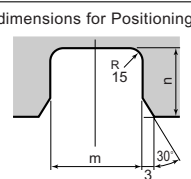
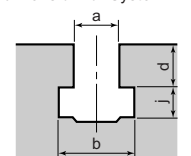


For the introduction of Pascal vertical mold change system, it is necessary to unify the thicknesses of the clamp plate as well as the U-cut for centering block of all the molds. When installing a T-slot plate, the decrease of daylight and the relocation of nozzle touch position should be minded.



SELECTION OF CLAMP SYSTEM

Injection Molding Machine		System IVM · IVK (TME · TKB clamp)		System IVY · IVX (TYA · TYC clamp)				U-cut dimension for positioning block		T-slot dimension for System IVY(IVX)								
Mold clamp Force (kN)	Mold opening Force (kN)	Model × No.Req.	Applicable Control Unit	Model × No.Req.	Applicable Control Unit	T-slot dimension (mm)												
						a	b	d	j	m (mm)	n (mm)							
~ 500	39.2	TME1 × 8	HCFD-3CSSS	TYA 1 × 8	HCFD-2SSS	18 ^{+0.5} ₀	30 ⁺² ₀	18 ^{+0.2}	12 ⁺² ₀	30 ^{+0.10} ₀	30							
~ 1000	78.4	TME2.5 × 8		TYA 2 × 8		22 ^{+0.5} ₀	37 ⁺³ ₀	22 ^{+0.2}	16 ⁺² ₀			45 ^{+0.10} ₀	30					
~ 1500	98.0	TME4 × 8	TYA 4 × 8	28 ^{+0.5} ₀		46 ⁺⁴ ₀	28 ^{+0.2}	20 ⁺³ ₀	60 ^{+0.12} ₀	35								
~ 2000	156	TME6 × 8	TYA 6 × 8	32 ^{+0.5} ₀		53 ⁺⁴ ₀	28 ^{+0.2}	24 ⁺³ ₀	100 ^{+0.14} ₀		40							
~ 3500	247	TME10 × 8	TYA10 × 8	HCFD-2SSS	HCFD-2SSS					140 ^{+0.16} ₀		45						
~ 5500	392	TME16(TME10) × 8	TYA16 × 8								HCFD-2SSS		HCFD-2SSS					
~ 6500	627(392)	TME16(TKB16) × 8	TYA25 × 8															
~ 8500	627	TKB25 × 8																
~ 13000	980	TKB40 × 8																
~ 30000	1569																	



If location ring is used for positioning, the mold positioning block and U-cut are not necessary.

※Above mold opening forces are for reference. Inquire the clamp selection, when the actual mold opening force is greater than above value.