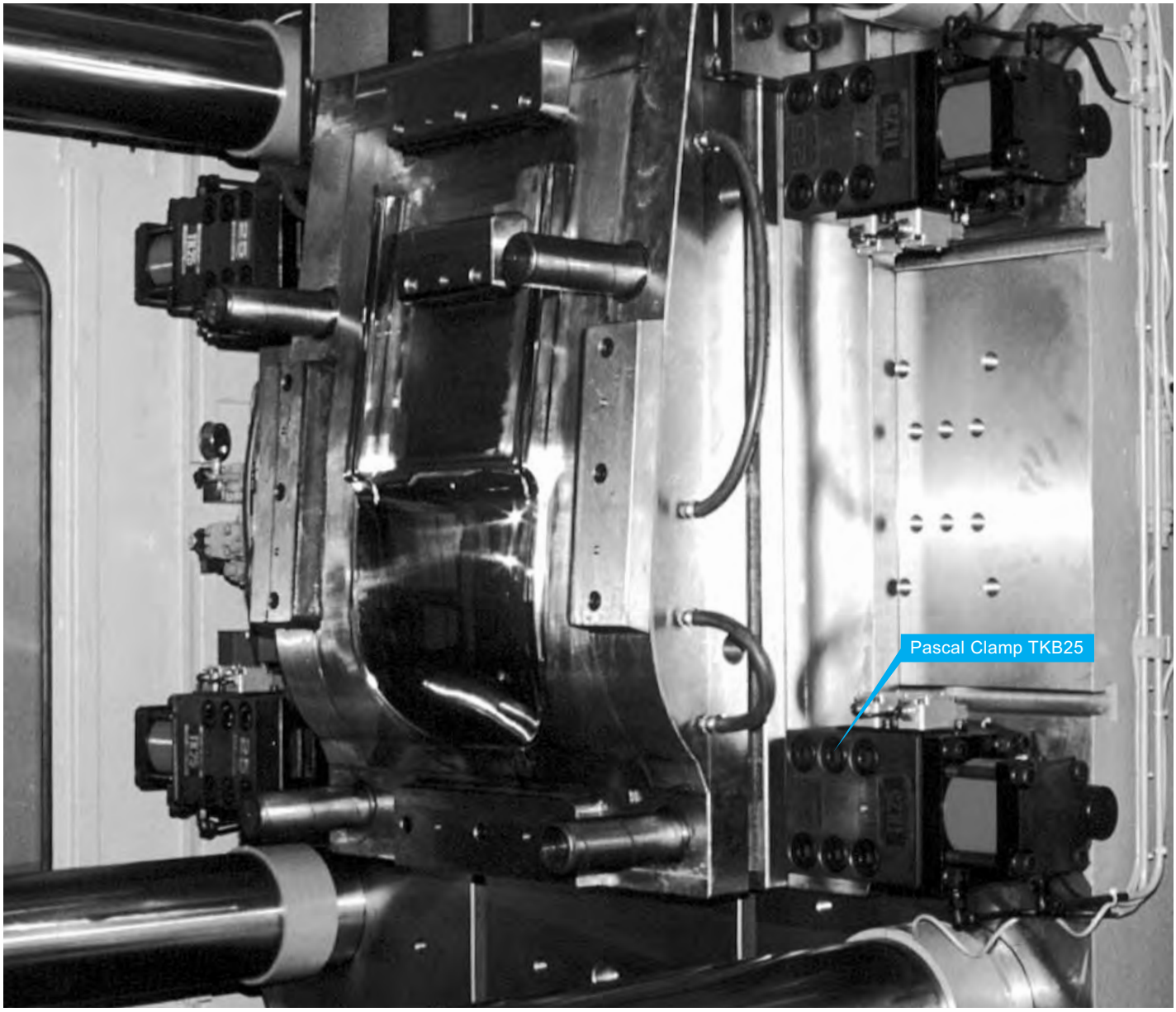
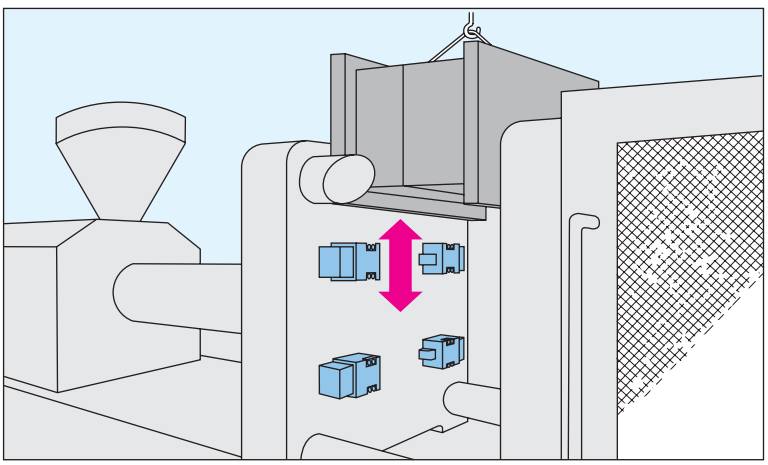
PASCAL QUICK MOLD CHANGE SYSTEM PROMISES





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

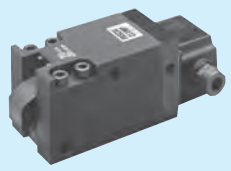
PASCAL VERTICAL MOLD CHANGE

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

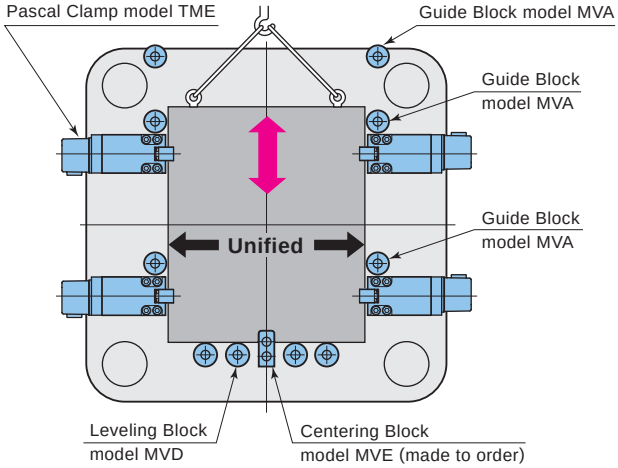
SYSTEM MME (MKB)

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

model **TME**



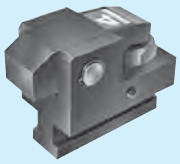
model **TKB**



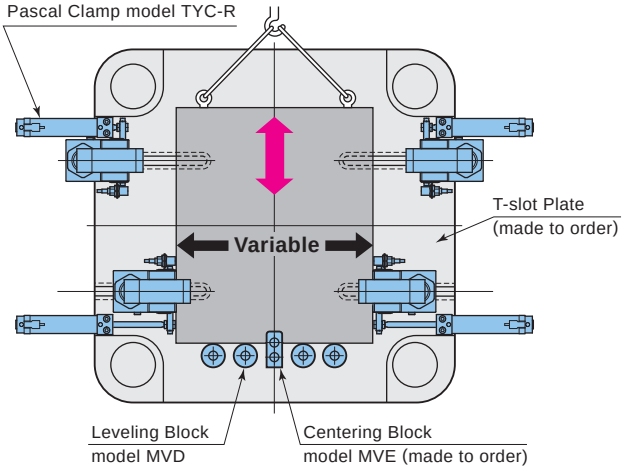
SYSTEM MYA (MYC)

When the width of the molds cannot be unified, system MYA or MYC is applicable. System MYA or MYC 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**

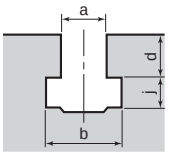


For the introduction of Pascal vertical mold change system, it is necessary to unify the thicknesses of the clamp plate as well as the U-cut for centering block of all the molds. When installing a T-slot plate, the decrease of daylight and the relocation of nozzle touch position should be minded.

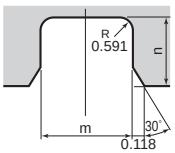
■ SELECTION OF CLAMP SYSTEM

Injection Molding Machine		System MME・MKB (TME・TKB clamp)		System MYA・MYC (TYA・TYC clamp)						U-cut dimensions for centering	
Mold clamping Force (US ton)	Mold opening Force (US ton)	Model × No.Req.	Applicable Control Unit	Model × No.Req.	Applicable Control Unit	Recommended T-slot dimensions (in) a	b	d	j	m (in)	n (in)
～ 55	4.4	TME1 ×8	HCMD-3CSSS-N	TYA 1 ×8	HCMD-2SSS-N	$^{+0.020}_{0}$ 0.709	$^{+0.079}_{0}$ 1.181	$^{\pm0.008}_{0}$ 0.709	$^{+0.079}_{0}$ 0.472	$^{+0.004}_{0}$ 1.181	1.181
～ 110	8.8	TME2.5×8		TYA 2 ×8		$^{+0.020}_{0}$ 0.866	$^{+0.118}_{0}$ 1.457	$^{\pm0.008}_{0}$ 0.866	$^{+0.079}_{0}$ 0.630		
～ 165	11.0										
～ 220	17.6	TME4 ×8	HCMD-33CSSS-N	TYA 4 ×8						$^{+0.004}_{0}$ 1.772	1.181
～ 386	27.7	TME6 ×8	HCEF-3CSSS-N	TYA 6 ×8		$^{+0.020}_{0}$ 1.102	$^{+0.157}_{0}$ 1.811	$^{\pm0.008}_{0}$ 1.102	$^{+0.079}_{0}$ 0.787	$^{+0.005}_{0}$ 2.362	1.378
～ 606	44.1	TME10 ×8		TYA10 ×8							
～ 716	70.1(44.1)	TME16(TME10) ×8		TYA16 ×8	HCMD-22SSS-N	$^{+0.020}_{0}$ 1.260	$^{+0.157}_{0}$ 2.087	$^{\pm0.008}_{0}$ 1.102	$^{+0.079}_{0}$ 0.945	$^{+0.006}_{0}$ 3.937	1.575
～ 937	70.1	TME16(TKB16) ×8									
～1433	110.2	TKB25 ×8		TYA25 ×8						$^{+0.006}_{0}$ 5.512	1.772
～3307	176.4	TKB40 ×8									

T-slot for System MYA(MYC)



U-cut dimensions for Centering



If location ring is used for positioning, the centering 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.