

MD-XB SERIES

COMPACT ALL ELECTRIC INJECTION MOLDING MACHINE

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MD-XB Series Specifications

Item	Unit	MD50XB				MD75XB				MD100XB			
Injection Capacity	T·m	i 0.7		i 1.0		i 1.7				i 2.7			
Screw Type		Y(OP.)	YA	A	B	Y(OP.)	YA	A	B	Y(OP.)	YA	A	B
Screw Diameter	mm	18	22	25	30	25	28	30	35	30	32	35	40
Injection Weight(PS)	g	20	35	45	65	54	68	78	106	91	104	124	162
Max. Injection Pressure	MPa	280	250	200	140	280	230	200	150	270	240	200	155
Max. Holding Pressure	MPa	280	230	180	125	260	210	180	135	245	215	180	135
Max. Injection Speed	mm/s	150				140				130			
Plasticizing Capacity(PS)	kg/h	9	18	27	43	27	36	43	60	43	51	60	88
Clamping Force	kN	500				750				1000			
Distance Between Tie Bars (H x V)	mm	320 x 320				360 x 360				410 x 410			
Mold Opening Stroke	mm	250				300				350			
Mold Height (min./max.)	mm	160 / 370				170 / 410				200 / 450			

Notes:

- Specifications are subject to change without notice.
- 1. Injection Capacity=(Injection pressure)×(Theoretical shot volume)
- 2. The shot mass(PS) is assumed to be 92% of theoretical shot volume.
- 3. Max. injection pressure and max. holding pressure may be limited by cycle time.
- 4. The maximum injection speed may not reach this value, depending on the status of load.
- 5. Plasticizing capacity is assumed by polystyrene.