

MDVR-**X** Series

The rotary table style steady injection molding machine

MDVR75X / MDVR100X / MDVR150X

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Specifications

Items	Unit	MDVR75X				MDVR100X		MDVR150X				
Injection Capacity	T.m	i 1.4		i1.7		i 2.2		i 2.2		i5.7		
Screw Type		A	B	A	B	A	B	A	B	Y	A	B
Screw Diameter	mm	30	35	30	35	35	40	35	40	40	45	52
Shot Mass(PS)	g	65	89	65	89	102	133	102	133	208	263	352
Max. Injection Pressure	MPa	200	150	235	175	200	155	200	155	250	200	140
Max. Holding Pressure	MPa	180	135	210	160	180	135	180	135	250	180	125
Max. Injection Speed	mm/s	250		250		260		260		150		
Plasticizing Capacity(PS)	kg/h	43	60	43	60	61	89	61	89	85	111	171
Clamping Force	kN	750				1000		1500				
Mold Opening Stroke	mm	250				280		300				
Mold Height (min./max.)	mm	220 / 320				250 / 350		300 / 400				
Table Diameter	mm	1206				1340		1550				
Maximum Mold Attached Stage	mm	420 x 420				460 x 460		500 x 500				

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.