

NEW MDVR-X Series

The rotary table style steady injection molding machine

MDVR50X / MDVR75X / MDVR100X / MDVR150X

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Specifications

Items	Unit	MDVR50X				MDVR75X				MDVR100X	
Injection Capacity	T.m	i 0.8				i 1.4		i1.7		i 2.2	
Screw Type		Y	YA	A	B	A	B	A	B	A	B
Screw Diameter	mm	18	22	25	30	30	35	30	35	35	40
Shot Mass(PS)	g	20	30	38	55	65	89	65	89	102	133
Max. Injection Pressure	MPa	280	250	200	140	200	150	235	175	200	155
Max. Holding Pressure	MPa	280	230	180	125	180	135	210	160	180	135
Max. Injection Speed	mm/s	250				250		250		260	
Plasticizing Capacity(PS)	kg/h	9	18	27	44	43	60	43	60	61	89
Clamping Force	kN	500				750				1000	
Mold Opening Stroke	mm	200				250				280	
Mold Height (min./max.)	mm	150 / 300				220 / 320				250 / 350	
Table Diameter	mm	1060				1206				1340	
Maximum Mold Attached Stage	mm	365 x 365				420 x 420				460 x 460	

Items	Unit	MDVR150X					
Injection Capacity	T.m	i 2.2			i5.7		
Screw Type		A	B	Y	A	B	
Screw Diameter	mm	35	40	40	45	52	
Shot Mass(PS)	g	102	133	208	263	352	
Max. Injection Pressure	MPa	200	155	250	200	140	
Max. Holding Pressure	MPa	180	135	250	180	125	
Max. Injection Speed	mm/s	260			150		
Plasticizing Capacity(PS)	kg/h	61	89	85	111	171	
Clamping Force	kN	1500					
Mold Opening Stroke	mm	300					
Mold Height (min./max.)	mm	300 / 400					
Table Diameter	mm	1550					
Maximum Mold Attached Stage	mm	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.