

Company
会社概要

Product
製品紹介

- Machine Tools
- Plastic Injection

Sales
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Product 製品紹介



Plastic Injection

NIIGATA MACHINE TECHNO

[plastic injection TOP](#)

- Table rotation performance which realizes the high cycle molding (MDVR)
- Low-speed and low-pressure molding is also simply realized
- Smooth and shockless type switching action
- The improvement in the operability by low table height, three-way free space

● The rotary table style steady injection molding machine

MDVR



The AC servomotor is adopted in all shafts of injection, supply, clamping and ejector table rotating and table period of rotation moves in 1.5 seconds, moreover in the rotating start and stop, since it moves smoothly no shock and there is no slippage of the insert work, it realizes the cycle shortening. It is the machine which is more optimum for the molding of thin wall dick piece IT related parts .

Items	Unit	MDVR30S-IV			MDVR50X				MDVR75X			
Injection Capacity	T.m	i 0.7			i 0.8				i 1.4		i 1.7	
Screw Diameter(Option)	mm	18 ^(op)	22	25	18	22	25	30	30	35	30	35
Shot Mass(PS)	g	20	30	38	20	30	38	55	65	89	65	89
Max. Injection Pressure	MPa	280	200	155	280	250	200	140	200	150	235	175
Max. Holding Pressure	MPa	270	180	140	280	230	180	125	180	135	210	160
Max. Injection Speed	mm/s	150			250				250		250	
Plasticizing Capacity(PS)	kg/h	6	12	18	9	18	27	44	43	60	43	60
Clamping Force	kN	300			500				750			
Mold Opening Stroke	mm	150			200				250			
Mold Height (min./max.)	mm	170 / 270			150 / 300				220 / 320			
Table Diameter	mm	940			1060				1206			
Maximum Mold Attached Stage	mm	300 x 300			365 x 365				420 x 420			

Items	Unit	MDVR100X		MDVR150X			
Injection Capacity	T.m	i 2.2		i 2.2		i 5.7	
Screw Diameter(Option)	mm	35	40	35	40	40	52
Shot Mass(PS)	g	102	133	102	133	208	352
Max. Injection Pressure	MPa	200	155	200	155	250	140
Max. Holding Pressure	MPa	180	135	180	135	250	125
Max. Injection Speed	mm/s	260		260		150	
Plasticizing Capacity(PS)	kg/h	61	89	61	89	85	171
Clamping Force	kN	1000		1500			
Mold Opening Stroke	mm	280		300			
Mold Height (min./max.)	mm	250 / 350		300 / 400			
Table Diameter	mm	1340		1550			
Maximum Mold Attached Stage	mm	460 x 460		500 x 500			

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