

Speed 168 serie Injection molding machine



- Super energy-saver
- Superior stability and reliability
- Excellent screw with good plasticizing and mixing properties
- Super quiet operation
- High speed, short cycle time
- Super high precision

INJECTION UNIT		Speed	
Screw Diameter	mm	41	46
L/D ratio	L/D	23.6	21.0
Screw Stroke	mm	230	230
Swept Volume	cm ³	304	382
Shot Weight (PS)	g	276	348
	oz	9.7	12.3
Injection Pressure	kgf/cm ²	2118	1683
Injection Velocity	mm/sec	300	300
Injection Rate	cm ³ /sec	395	497
	g/s	359	452
Screw speed	rpm	300	
Nozzle Contact Force	t	6.2	
Nozzle Stroke	mm	330	
CLAMPING UNIT			
Mould Clamping Force	t	168	
Opening Stroke	mm	450	
Space Between Tie Bar (HxV)	mm	470x470	
Mould Thickness (Min)	mm	170	
Mould Thickness (Max)	mm	520	
Maximum Daylight	mm	970	
Ejector Force	t	4.2	
Ejector Stroke	mm	140	
	mm	125	
POWER/HEATING UNIT			
System Pressure	kgf/cm ²	175	
Pump Power	kW	80	
Electrical Heating Power	kW	12.9	
Temperature Control Zones		3+1	
OTHERS			
Dry Cycle	s	1.6	
Machine Dimensions (LxWxH)	m	5.46x1.29x1.89	
Oil Tank Capacity	L	270	
Machine Weight	t	4.94	

Servo Energy-saving high-speed injection molding

All-new design SPEED series are targeting the high-end markets and industries, contributing more towards efficiency, energy-saving and emission reduction.

- Ultra-fast moulding cycle of 3.5 seconds.
 - Injection speed: 300mm/s, the average opening and closing speed up to 500mm/s.
 - Standard with A type screw for higher injection pressure with good plasticizing and mixing properties.
 - Dual balanced injection carriage cylinders combined with linear guide rails ensure friction-free, high precision injection control.
 - Moving and stationary platen with force in center, platen remains in high degree of parallelism under strong force, improve product flash phenomenon and reduce the clamping force needs.
 - Solid steel clamping platens and highly optimized design (via repeated finite-element analysis) ensure the lowest deformation possible.
 - Optimized design for toggle dimensions and proportions, high-speed motion curve and reduce the formation of mold opening and closing impact.
 - Precision energy saving servo drive system with large power, it meet the high-speed production.
 - Plenty of room to work with EUROMAP ejectors.
- All parts of the machine are spacious and easy to access for regular maintenance.
- Fast barrel heating with ceramic heaters, continue to provide high heating energy.

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