

Clamping unit								
Clamping mechanism		5 Point double toggle						
Tonnage	kN tonf	500 50 / Increased (650 65)						
Maximum and minimum die height Double platen	mm	350-150 / Increased (400-150)						
Maximum and minimum die height Single platen	mm	410-210 / Increased (460-210)						
Clamping stroke	mm	250						
Locating ring diameter	mm	Ø 125						
Tie bar spacing, HxV	mm	360 x 320						
Platen size, HxV	mm	500 x 470						
Minimum mould size, HxV *1	mm	205 x 185						
Maximum mould weight Double platen Single platen (Moving-Stationary) *2	kg	220-220 300-220						
Ejector stroke	mm	70						
Maximum ejector force	kN tonf	20 2.0 / Increased (60 6.0)						
Injection unit								
Screw diameter	mm	18	20	22	26	28	32 *11	
Injection stroke	mm	75	75	75	95	95	95	
Max. injection volume	cm ³	19	24	29	50	58	76	
Nozzle touch force *8	kN tonf	15 1.5 / Increased (30 3.0)						
Max. Injection Speed mm/s *4		mm/s						
Max. injection pressure (high-pressure filling mode) *3 *5	MPa	300	360	340	290	250	190	
Max. injection & Hold Pressure 1 *3 *6	MPa	280	310	290	240	220	180	
Max. injection & Hold Pressure 2 *3 *7	MPa	260	280	260	210	190	150	
Max. injection rate *4	cm ³ /s	89	109	133	185	215	281	
Max. screw rotation speed	min ⁻¹	450						
Machine weight Double platen Single platen *9	t	2.9 ≈ 2.85						
Max. Injection Speed *4		mm/s						
Max. injection pressure (high-pressure filling mode) *3 *5	MPa	300	330	-	-	-	-	
Max. injection & Hold Pressure 1 *3 *6	MPa	280	310	280	200	170	-	
Max. injection & Hold Pressure 2 *3 *7	MPa	260	280	260	190	170	-	
Max. injection rate *4	cm ³ /s	139	172	209	292	338	-	
Max. screw rotation speed	min ⁻¹	450						
Machine weight Double platen Single platen *2	t	2.9 ≈ 2.85						
Screw and Barrel								
Number of heater zone	Barrel	3						
Number of pyrometers	Nozzle	1						
Total heater wattage	kW	3.1	3.5	3.8	6.5	7.2	8.4	

● standard - not available () with hardware and/or software option

- *1) Smaller mold than this size may limit clamp force.
- *2) If the weight of a mold exceeds maximum mold weight, the molding condition may be limited.
- *3) Maximum injection pressure and maximum hold pressure are the output of the injection unit, not the resin pressure.
- Maximum injection pressure and maximum hold pressure are the maximum values that can be set.
- *4) Maximum injection rate and maximum injection speed is a theoretical value.
- Maximum injection rate and maximum injection speed can not be guaranteed when the injection pressure is maximum.
- *5) The maximum injection pressure setting at high pressure filling mode option.
- There is a limitation in injection time setting and pack time setting, when high pressure filling mode option is selected. (Contact sales for detail)
- *6) Maximum injection pressure 1 and maximum hold pressure 1 are the values when the wear-resistant and anti-corrosion cylinder etc. is installed.
- Maximum injection pressure and maximum hold pressure may vary depends on the installed screw and cylinder specifications.
- *7) Maximum injection pressure 2 and maximum hold pressure 2 are the values when the general purpose cylinder etc. is installed.
- Maximum injection pressure and maximum hold pressure may vary depends on the installed screw and cylinder specifications.
- *8) Sprue break cannot be used with increased nozzle touch force option.
- *9) The machine without option.
- *10) The pressure conversion is 1MPa=10kgf/cm².
- *11) The molding condition might be limited by the resin. (Contact sales for detail)
- *12) In case of the replacement to different screw diameter after shipment, some covers may be needed to replace. (Contact sales for detail)

