

Clamping unit				
Clamping mechanism		Double toggle		
Tonnage	kN   tonf	150   15		
Maximum and minimum die height Double platen	mm	260-130		
Clamping stroke	mm	160		
Locating ring diameter	mm	Ø 60		
Tie bar spacing, HxV	mm	260 x 235		
Platen size, HxV	mm	355 x 340		
Minimum mould size, HxV *1	mm	150 x 135		
Maximum mould weight Double platen (Moving-Stationary) *2	kg	60-60		
Ejector stroke	mm	50		
Maximum ejector force	kN   tonf	7   0.7		
Injection unit				
Screw diameter	mm	14	16	18
Injection stroke	mm	56	56	75
Max. injection volume *3	cm <sup>3</sup>	9	11	19
Nozzle touch force *8	kN   tonf	5   0.5		
<b>Max. Injection Speed *5</b>	<b>mm/s</b>	<b>800</b>		
Max. injection & Hold Pressure *4 *6	MPa	250	250	230
Max. injection rate *5	cm <sup>3</sup> /s	123	160	203
Max. screw rotation speed	min <sup>-1</sup>	450		
Machine weight Double platen   Single platen *8	t	≈ 1.5		
Screw and Barrel				
Number of heater zones	Barrel	3		
Number of pyrometers	Nozzle	1		
Total heater wattage	kW	2.5	2.9	3.2

● 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) The maximum injection volume is a calculated value. (Cross-sectional area x injection stroke)

\*4) Maximum pack pressure is equal to maximum injection pressure.

Maximum injection pressure and maximum pack pressure are the output of the injection unit, not the resin pressure.

Maximum injection pressure and maximum pack pressure are the maximum values that can be set.

\*5) 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.

\*6) Maximum injection pressure (W/C) are the values when the wear-resistant and anti-corrosion Barrel etc. is installed.

Maximum injection pressure and maximum pack pressure may vary depends on the installed screw and Barrel specifications.

\*7) Maximum injection pressure (General Purpose) are the values when the general purpose Barrel etc. is installed.

Maximum injection pressure and maximum pack pressure may vary depends on the installed screw and Barrel specifications.

\*8) The machine weight is the value when the option is not installed. Total weight may vary depending on equipment.

\*9) The pressure conversion is 1MPa=10kgf/cm<sup>2</sup>.

\*10) The molding condition might be limited by the resin.(Contact sales for detail)

\*11) In case of the replacement to different screw diameter after shipment, some covers may be needed to replace. (Contact sales for detail)

