

Si-20 V Specifications						
	Screw diameter	in(mm)	0.62(16)	0.70(18)	0.78(20)	
	Injection stroke	in	2.51	2.83		
	Theoretical injection capacity	in ³	0.79	1.09	1.40	
	Injection capacity (PS)	oz	0.43	0.60	0.77	
Injection	Standard	Injection unit	-			
		Injection rate	in ³ /s	3.66	4.63	5.73
		Max. injection speed	in/s	11.81		
		Max. injection pressure	psi	34111	34111	29137
		Max. injection holding pressure	psi	34111	31269	28426
	High-pressure	Injection unit	-			
		Injection rate	in ³ /s	-		
		Max. injection speed	in/s	-		
		Max. injection pressure	psi	-		
	High-speed	Injection unit	-			
		Injection rate	in ³ /s	-		
		Max. injection speed	in/s	-		
		Max. injection pressure	psi	-		
	Super high-speed	Injection unit	-			
		Injection rate	in ³ /s	6.16	7.75	9.58
		Max. injection speed	in/s	19.68		
Max. injection pressure		psi	36968	36968	34126	
	Max. injection holding pressure	psi	36968	31283	28440	
	Recovery rate (PS)	oz/s	0.10	0.14	0.17	
	Screw revolution speed	min ⁻¹	500			
	Heater capacity	kW	2.05	2.28	2.58	
	Nozzle pressing force	U.S.ton	1.1			
Clamping	Clamping system	-				
	Clamping force	U.S.ton	Double toggle			
	Clamping stroke	in	20			
	Min. mold height	in	7.08			
	Max. mold height	in	3.94			
	Tie bar clearance (H×V)	in	12.20			
	Die plate size (H×V)	in	10.23×10.23			
	Ejector force	U.S.ton	14.56×14.56			
	Ejector stroke	in	0.55			
	Mold height motor output	kW	1.96			
	Nozzle touch motor output	kW	0.04			
Others	Machine dimension <L>	in	B55CU: 99.27	B55CU: 100.91	B55CU: 102.52	
			BH150CU: 101.24	BH150CU: 102.87	BH150CU: 104.49	
	Machine dimensions <W×H>	in	33.86×57.68			
	Power source	-	Three-phase AC200V/200, 230V±10% 50Hz/60Hz			
	Main breaker capacity	A	75			
	Total electric capacity	kVA	B55CU: 9			
			BH150CU: 20			
	Cable size	in ²	0.03【0.01】			
	200V Class【400V Class ※1】					
	Machine weight	U.S.ton	1.3			

NOTES

- The figures are subject to change without any legal obligation on the part of the manufacture.
- The maximum injecting pressure and the maximum holding pressure are attainable maximum set values. These values may be limited by molding conditions and cycle time.
- The injection rate and the maximum injecting speed are calculated values. These values may be limited by set injecting pressures.
- When a screw with wide diameter is used, some resins may not be accepted.
- When the machine is attached with an option, the capacity of the breaker may be changed.
- Figures in 【 】 are optional.

※1.A transformer(option) is necessary on the machine side.