

1 PLASTAR ET-165 II HR2/4 Specifications

Injection	Injection system	—	In-line screw	
	Injection unit	—	F200DU	
	Injection stroke	in	6.29	
	Screw diameter	in(mm)	1.57(40)	《1.81(46)》
	Theoretical injection capacity	in ³	12.26	《16.22》
	Injection rate	in ³ /s	16.10	《21.29》
	Max. injection speed	in/s	8.26	
	Max. injection pressure	psi	31328	《24221》
	Max. injection holding pressure	psi	27122	《21320》
	Recovery rate (PS)	oz/s	1.10	《1.68》
	Screw revolution speed	min ⁻¹	350	
	Nozzle pressing force	U.S.ton	1.65	
Clamping	Clamping system	—	Toggle	
	Clamping force	U.S.ton	165	
	Clamping stroke	in	12.00	
	Min. mold height	in	11.62	
	Max. mold height	in	20.07	
	Max. die plate size (H×V)	in	22.04×22.04	25.59×19.09
	Max. lower mold-half weight	lb	1102×2 [551×4]	
	Table diameter	in	64.96	
	Nozzle center height	in	5.90 [5.90~11.61] (From table surface)	
	Ejector force	U.S.ton	3.92	
	Ejector pin projection	in	2.95	
Others	Heater capacity	kW	7.95	《11.20》
	Mold height motor output	kW	0.74	
	Nozzle touch motor output	kW	0.4	
	Machine dimension (L)	in	189.41	《196.23》
	Machine dimension (W×H)	in	69.69×97.49	
	Power source	—	Three phase AC200V/200, 230V±10% 50Hz/60Hz	
	Main breaker capacity 200V Class 【400VClass※1】	A	125 【75】	
	Total electric capacity	kVA	34	
	Cable size 200V Class 【400VClass※1】	in ²	0.09 【0.03】	
	Air supply plumbing joint	in	Rc3/8	
	Air supply pressure※2	psi	53 【73】	
	Required air content※3	in ³ /min	354.0 【573.7】	
	Machine weight	U.S.ton	14.3	

- 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.
 - There values may be limited by molding conditions and cycle time.
 - The maximum injecting pressure and the maximum holding pressure are values of case equipped with wear-resistant screw.
 - The injection rate and the maximum injecting speed are calculated values. These values may be limited by set injecting pressures.
 - When the machine is attached with an option, the capacity of the breaker may be changed.
 - Figures in { } are 4 station to specifics.
 - Figures in [] are optional.
 - Figures in 《 》 are numerical value except the standard ejection unit.

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

※2 It is a necessary air supply pressure level. Please supply it to become than a pressure level.

※3 It is a calculated value at use ambient temperature 68 F.