

1200MMJ-240

CLAMP UNIT

ITEM		UNIT	SPECIFICATION		NOTES	
			Inch	(Metric)		
Max. Mold Clamping Force		US. ton	1157	(1050)		
Mold Opening Force		(Metric ton)	68.3	(62.0)		
Mold Closing-Speed	High Speed	ft/min (m/min)	121.4	(37)		
	Low Speed		6.56	(2.0)		
Mold Opening Speed	Detaching Speed		6.56	(2.0)		
	High Speed		121.4	(37)		
	Low Speed		6.56	(2.0)		
Platen Size	(H)		inch (mm)	70.87	(1800)	
	(V)	66.93		(1700)		
Clearance between Tie Bars	(H)	51.18		(1300)		
	(V)	47.24		(1200)		
Maximum Clamp Stroke				68.9	(1750)	
Maximum Daylight				89.76	(2280)	
Mold Thickness	Minimum			20.87	(530)	
	Maximum			43.31	(1100)	
Hydraulic ejector	Force	US ton (Metric ton)	22.3	(20.2)		
	Stroke	inch (mm)	7.9	(200)		
Maximum Mold Size	Hor. load	(H)	70.87	(1800)		
		(V)	50.79	(1290)		
	Ver. Load	(H)	46.85	(1190)		
		(V)	66.93	(1700)		
Minimum Mold Size	(H)		.		Full clamp tonnage	
	(V)		.			

1200MMJ-240**INJECTION UNIT**

ITEM		UNIT	SPECIFICATION		NOTES
			Inch	(Metric)	
Theoretical Injection Volume		cu.in (cm ³)	413.7	(6780)	
Inj. Shot Weight	PS	oz	220.11	(6240)	
	PE	(g)	177.07	(5020)	
Plasticizing Capacity	PS	lbs/hr	1082	(490)	
		(kg/hr)			
Max. Injection Pressure		psi (kg/cm ²)	25667	(1805)	
Injection Rate	Standard	cu.in /sec	58.9	(965)	
	Option	(cm3/sec)	76.0	(1245)	
Injection Horse Power		HP (PS)	233		
Screw Diameter		in (mm)	4.72	(120)	
Screw L/D		---		22	
Screw Stroke		in (mm)	23.62	(600)	
Screw Speed	High speed	rpm	~ 83		
	Mid. speed		~ 67		
	Low speed		~ 45		
Nozzle protrusion		in (mm)	1.18	(30)	

1200MMJ-240**GENERAL**

ITEM	UNIT	SPECIFICATION		NOTES
		Inch	(Metric)	
Electric Motor Capacity	HP (kw)	147	(110)	2 x 55kw
Electric Heater Capacity for Screw Barrel	kw	53.2		
Electric Heater Capacity for standard Nozzle		0.3		
Oil reservoir Capacity	us gal (ltr)	462.4	(1750)	
Overall Dimension	(L)	ft	34.78	(10.6)
	(W)	(m)	9.84	(3.0)
	(H)		8.53	(2.6)
Machine Weight	us ton (metric ton)	51.8	(47.0)	

Remarks

1. Injection weight, injection rate and plastcizing capacity are dependent upon molding conditions and resin used.
2. Specifications are subject to change without notice.