

Machine Model : SELEX – NE 280

Machine Model		SELEX – NE 280			REMARK
Data Item					
Injection Unit					
Screw & Cylinder Type		O	A	B	
Screw Diameter	mm	50	55	60	
	inch	1.969	2.165	2.362	
Injection Pressure	kg/cm ²	2394	1979	1663	
	bar	2347	1940.7	1630.4	
	psi	34050	28148	23653	
Injection Volume	cm ³	550	665	791	
	inch ³	33.56	40.58	48.33	
Shot Weight (P.S.)	g	500	605	720	
	oz	17.6	21.3	25.4	
Injection Rate	cm ³ /sec	208	251	299	
	inch ³ /sec	12.69	15.32	18.25	
Screw Stroke	mm	280			
	inch	11.02			
Plasticizing Capacity	kg/hr	138	178	225	
	lbs/hr	304.24	392.42	496.04	
Screw Speed	rpm	211			
Screw L/D Ratio	Ratio	22:1	20:1	18.3:1	

Clamping Unit

Clamp Force	ton	280			
	kN	2750			
	US ton	308			
Tie-Rod Space (HXV)	mm	610 × 610			
	inch	24.02 × 24.02			
Platen Size (HXV)	mm	900 × 900			
	inch	35.43 × 35.43			
Clamp Stroke	mm	570			
	inch	22.44			
Max Open Stroke	mm	1220			
	inch	48.03			
Mold Height (Min/Max)	mm	250/650			
	inch	9.84/25.59			
Ejector Force	ton	5.4			
	kN	53			
	US ton	5.9			
Ejector Stroke	mm	170			
	inch	6.69			
Clamp System	Type	Double toggle			

Generals

Pump Motor	kW	37			
	HP	50			
Heater Power	kW	15			
Total Wattage	kW	52			
Oil Tank Capacity	ℓ	620			
	gal	163.79			
Machine Weight	kg	12200			
	lbs	26896			
Machine Size	mm	6700×1600×2000			
	inch	263.78×62.99×78.74			