

## Machine Model : SELEX – NE 580

Data Item	Machine Model	SELEX – NE 580			REMARK
<b>Injection Unit</b>					
Screw & Cylinder Type		O	A	B	
Screw Diameter	mm	70	80	90	
	inch	2.756	3.15	3.543	
Injection Pressure	kg/cm <sup>2</sup>	2351	1800	1422	
	bar	2306	1765	1395	
	psi	33439	25602	20226	
Injection Volume	cm <sup>3</sup>	1693	2212	2799	
	inch <sup>3</sup>	103.3	135	170.8	
Shot Weight (P.S.)	g	1219	1592	2015	
	oz	43.00	56.16	71.08	
Injection Rate	cm <sup>3</sup> /sec	500	653	826	
	inch <sup>3</sup> /sec	30.51	39.85	50.41	
Screw Stroke	mm	440			
	inch	17.28			
Plasticizing Capacity	kg/hr	339	485	663	
	lbs/hr	747.37	1069.24	1461.67	
Screw Speed	rpm	211			
Screw L/D Ratio	Ratio	22.8:1	20:1	17.8:1	

**Clamping Unit**

Clamp Force	ton	580		
	kN	5779.12		
	US ton	649.6		
Tie-Rod Space (H×V)	mm	910 × 910		
	inch	34.74 × 35.74		
Platen Size (H×V)	mm	1340× 1340		
	inch	52.62 × 52.62		
Clamp Stroke	mm	850		
	inch	33.38		
Max Open Stroke	mm	1800		
	inch	70.69		
Mold Height (Min/Max)	mm	400.950		
	inch	15.71/37.33		
Ejector Force	ton	15.2		
	kN	149.06		
	US ton	16.75		
Ejector Stroke	mm	225		
	inch	8.86		
Clamp System	Type	Double toggle		

**Generals**

Pump Motor	kW	37/37	
	HP	49.3/49.3	
Heater Power	kW	27	
Total Wattage	kW	101.0	
Oil Tank Capacity	ℓ	1000	
	gal	264.17	
Machine Weight	kg	33000	
	lbs	72752.56	
Machine Size	mm	9500×2100×2200	
	inch	374.01×82.68×86.61	