

	SHC Hydraulic Series - English Units	
	SH50C	SH80C
Clamping Force (US Ton)	55	88
Tie Bar Clearance (HxV)(in)	12.80x12.80	14.76x14.76
Overall Platen Size (HxV)(in)	18.50x18.39	21.46x21.46
Opening Stroke Min-Max (in)	0 - 17.32	0 - 21.65
Mold Space Min-Max (in)	6.30 - N.A.	6.30 - N.A.
Ejector Force Stroke (T /in)	2.4 / 2.76	3.0/3.15
Plasticizing Unit	C110S	C160S
	C160S	C250M
Screw Diameter (in)	0.87/0.98/1.10	0.98/1.10/1.26
	0.98/1.10/1.26	1.10/1.26/1.42
Injection Weight (oz - PS)	1.3/1.7/2.2	1.9/2.4/3.1
	1.9/2.4/3.1	2.9/3.8/4.8
Injection Capacity (in3)	2.4/3.1/3.9	3.4/4.3/5.6
	3.4/4.3/5.6	5.2/6.8/8.5
Injection Pressure (MAX psi)	39,820/30,860/24,600	39,820/31,710/24,320
	39,820/31,710/24,320	41,950/32,140/25,310
Injection Rate (Max in3/sec)	4.4/5.7/7.1	5.7/7.1/9.3
	4.8/6.0/7.9	5.6/7.4/9.3

Plasticizing Capacity (Max lb / Hr)	40/57/81	57/81/117
	57/81/117	81/117/167

	SH50C	SH80C
Machine Dimensions (LxWxH) (in)	138x37x65	160x40x66
	148x37x65	175x40x69
Machine Weight (lbs)	4,600	6,400
	4,900	6,600
Drive Motor (hp)	15	20
Oil Reservoir Capacity(gal)	36	52