

	SGM Accumulator-Toggle Series - English Units						
	SG50M	SG75M	SG100M	SG125M	SG180M	SG260M	SG350M
Clamping Force (US Ton)	55	83	110	138	198	286	385
Tie Bar Clearance (HxV)(in)	12.20x12.20	14.17x14.17	16.14x16.14	18.11x18.11	20.08x20.08	22.05x22.05	27.95x27.95
Overall Platen Size (HxV)(in)	17.91x17.91	20.87x20.87	24.02x24.02	26.38x26.38	29.53x29.53	33.07x33.07	40.55x40.55
Opening Stroke Min-Max (in)	5.11-9.84	5.12-11.81	5.91-13.78	6.69-14.76	7.48-16.93	8.27-20.08	10.24-24.02
Mold Space Min-Max (in)	6.3-13.78	6.29-16.14	7.09-16.14	7.09-17.72	7.87-19.69	9.06-22.83	11.81-25.59
Ejector Force Stroke (T / in)	2.4/2.76	3.0/3.15	3.6/3.94	3.6/3.94	5.1/4.72	6.8/5.91	8.7/6.89
Dry Cycle (sec)	1.1	1.2	1.3	1.4	1.5	1.8	2.3
Plasticizing Unit	C110S	C160S	C250M	C360M	C450M	C900L	C1700L
	C160S	C250M	C360M	C450M	C560M	C1250L	C2500L
Screw Diameter (in)	0.87/0.98/1.10	0.98/1.10/1.26	1.10/1.26/1.42	1.26/1.42/1.57	1.42/1.57/1.77	1.77/1.97/2.20	2.48/2.80
	0.98/1.10/1.26	1.10/1.26/1.42	1.26/1.42/1.57	1.42/1.57/1.77	1.57/1.77/1.97	1.97/2.2/2.48	2.80/3.15
Injection Weight (oz-PS)	1.3/1.7/2.1	1.9/2.4/3.1	2.9/3.7/4.8	4.3/5.5/6.7	5.5/6.7/8.5	11.0/13.6/17.1	25.8/32.9
	1.9/2.4/3.1	2.9/3.7/4.8	4.3/5.5/6.7	5.5/6.7/8.5	6.7/8.5/10.5	15.0/18.8/23.8	38.4/48.8
Injection Capacity (in ³)	2.4/3.1/3.9	3.4/4.3/5.6	5.3/6.9/8.7	7.9/9.9/12.3	9.9/12.3/15.5	20.1/24.8/31.1	47.2/59.9
	3.4/4.3/5.6	5.3/6.9/8.7	7.9/9.9/12.3	9.9/12.3/15.5	12.3/15.5/19.2	27.3/34.3/43.4	69.5/88.3
Injection Pressure (Max psi)	39,820	39,820	41,950	39,670	37,680	39,820	31,280/24,600
	30,860	31,710	32,140	31,280	30,430	32,280	
	24,600	24,320	25,310	25,450	24,030	25,740	
	39,820	41,950	39,670	37,680	39,820	39,820	29,860/23,460
31,710	32,140	31,280	30,430	31,430	31,710		
24,320	25,310	25,450	24,030	25,450	25,030		
Injection Rate (Max in ³ /sec)	7.0/9.0/11.3	9.0/11.3/14.7	11.3/14.7/18.6	14.7/18.6/23.0	18.6/23.0/29.1	29.1/35.9/45.1	57.1/72.5
	9.0/11.3/14.7	11.3/14.7/18.6	14.7/18.6/23.0	18.6/23.0/29.1	23.0/29.1/35.9	35.9/45.1/57.1	72.5/92.0
Plasticizing Capacity (Max lb/Hr)	40/55/77	53/77/108	81/117/139	117/167/200	167/222/240	240/339/411	405/415
	40/57/79	81/117/139	117/167/200	167/222/194	224/299/330	275/378/526	363/488

	SG50M	SG75M	SG100M	SG125M	SG180M	SG260M	SG350M
Machine Dimensions (LxWxH)(in)	151x40x66	178x45x71	194x50x76	206x52x78	223x55x80	277x65x89	323x74x88
Machine Weight (lbs)	5,200	6,600	9,700	11,600	14,300	23,400	35,200
Drive Motor (hp)	15/20	20/25	25/30	30/40	40/50	50/60	60/75
Oil Reservoir Capacity(gal)	24	40	58	66	80	106	132