



Hacoplast B.V.

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SM850-TP																													
Clamping Unit	Unit																												
Clamping Force (Max.)	t	850																											
Opening Stroke	mm	1.250 - 2.000																											
Maximum Daylight	mm	2.450																											
Mould Platen (HxV)	mm	1.680 x 1.680																											
Space between Tie Bars (HxV)	mm	1.170 x 1.170																											
Max. Mould Thickness	mm	1.200																											
Min. Mould Thickness	mm	450																											
Ejector Stroke	mm	300																											
Ejector Force	t	22																											
Injection Unit	Unit	J1	J2	K1	K2	N1	N2	P1	P2	Q1	Q2	A1	A2	R1	R2	B1	B2	C1	C2	D1	D2	E1	E2	F1	F2	G1	G2	H	
Swept Volume	cm <sup>3</sup>	2.164	2.545	2.863	3.394	3.771	4.752	5.227	6.220	6.786	7.964	8.628	10.006	10.776	12.370	14.491	19.723	23.091	30.159	34.558	43.737	49.303	60.868	67.250	81.372	89.094	106.029	116.632	
Shot Weight (PS)	g	1.969	2.316	2.605	3.089	3.432	4.324	4.756	5.661	6.175	7.247	7.851	9.105	9.806	11.257	13.186	17.948	21.013	27.445	31.447	39.801	44.866	55.390	61.197	74.049	81.075	96.486	106.135	
Screw Diameter	mm	83	90	90	98	98	110	110	120	120	130	130	140	140	150	150	175	175	200	200	225	225	250	250	275	275	300	300	
Screw L/D Ratio	L/D	22	20,3	22	20,2	22	19,6	22	20,2	22	20,3	22	20,4	22	20,5	22	18,9	22	19,3	22	19,6	22	19,8	22	20	22	20,2	22	
Injection Pressure (Max.)	kgf/cm <sup>2</sup>	1.906	1.620	1.874	1.579	1.874	1.487	1.874	1.579	1.874	1.599	1.834	1.579	1.834	1.599	1.834	1.345	1.630	1.253	1.630	1.283	1.630	1.324	1.630	1.345	1.630	1.365	1.630	
Injection Rate (PS)	g/s	510	599	578	685	655	825	805	958	951	1.116	1.106	1.282	1.265	1.452	1.265	1.722	1.629	2.128	2.011	2.545	2.475	3.056	2.839	3.435	3.922	4.667	4.518	
Screw Rotation Speed (Max.)	rpm	150	150	140	140	130	130	115	115	110	110	100	100	95	95	95	80	83	69	65	50	60	50	60	47	50	40	40	
Screw Stroke	mm	400	400	450	450	500	500	550	550	600	600	650	650	700	700	820	820	960	960	1.100	1.100	1.240	1.240	1.370	1.370	1.500	1.500	1.650	
Others																													
System Pressure	MPa	17,5		17,5		17,5		17,5		17,5		17,5		17,5		17,5		17,5		17,5		17,5		17,5		17,5		17,5	
Pump Motor	kW	82		93		112		119,5		157,5		195		206		206		255		315		375		510		690		750	
Heating Capacity	kW	38		42		48		50		70		80		95		100		130		175		220		270		330		390	
Temperature Control Zones	Zones	7		7		7		7		7		7		7		7		7		7		7		7		7		7	
Oil Tank Capacity	L	1.680		1.730		1.780		2.300		2.400		2.750		3.350		3.900		4.200		6.000		7.450		8.700		11.000		12.500	
Machine Dimensions (LxWxH)	m	9,6 x 3,1 x 2,7		9,7 x 3,1 x 2,7		9,8 x 3,1 x 2,7		10,6 x 3,1 x 2,7		11,2 x 3,1 x 2,7		11,3 x 3,1 x 2,7		11,7 x 3,1 x 2,7		11,7 x 3,1 x 2,7		12,7 x 3,1 x 2,7		13,6 x 3,1 x 2,7		15,1 x 3,1 x 2,7		16,5 x 3,1 x 2,7		19,0 x 3,1 x 2,7		21,0 x 3,1 x 2,7	
Machine Weight (Approx.)	t	33		34		36		38		40		42		43		44		51		59		69		82		99		119	

All technical data and features are subjected to change without notice.