

Injection unit	Unit	EM80-SVP/2			EM120-SVP/2			EM150-SVP/2			EM180-SVP/2			EM220-SVP/2		
Swept Volume	$cm^3$	121	163	221	163	221	265	277	332	425	382	488	650	390	499	664
Injection Weight (PS)	$g$	113	150	203	150	203	244	255	305	391	351	449	598	359	459	611
Screw Diameter	$mm$	31	36	42	36	42	46	42	46	52	46	52	60	46	52	60
Screw L/D Ratio	$L/D$	23	20	17	23	20	18	22	20	18	23	20	17	23	20	17
Injection Pressure (Max.)	$kgf/cm^2$	2140	1590	1162	1926	1416	1172	1977	1651	1294	2160	1692	1284	2384	1865	1396
Injection Rate (PS)	$g/s$	64	86	117	107	146	175	131	157	200	170	218	290	155	198	263
Plasticizing Capacity (PS)	$g/s$	6.6	10.8	15.1	11.7	16.4	22.2	13.8	18.6	25.5	19.9	27.3	36.4	19.9	27.3	36.4
Screw Rotation Speed(Max.)	$rpm$	185			200			170			180			180		
Screw Stroke	$mm$	160			160			200			230			235		
<b>Clamping unit</b>																
Clamping Force (Max.)	$t$	80			120			150			180			220		
Opening Stroke	$mm$	320			340			410			460			490		
Maximum Daylight	$mm$	640			720			860			960			1090		
Mould platen (HxV)	$mm$	490 x 545			560 x 510			614 x 670			715 x 745			795 x 795		
Space between Tie Bars (HxV)	$mm$	355 x 300			410 x 360			455 x 425			505 x 500			560 x 560		
Max. Mould Thickness	$mm$	320			380			450			500			600		
Min. Mould Thickness	$mm$	130			145			160			180			195		
Ejector Stroke	$mm$	80			100			100			130			130		
Ejector Force	$t$	2.7			4.2			4.2			4.9			7.7		
<b>Others</b>																
System Pressure	$kgf/cm^2$	175			175			175			175			175		
Pump Motor	$kW$	11			16			16			30			30		
Electrical Heating	$kW$	6,5			9			9,5			10			14		
Temperature Control Zones	$Zones$	4			4			4			5			5		
Oil Tank Capacity	$L$	170			170			275			275			360		
Machine Dimensions (LxWxH)	$m$	4.6 x 1.1 x 1.7			4.7 x 1.1 x 1.7			5.1 x 1.2 x 1.9			5.5 x 1.3 x 1.9			6.1 x 1.5 x 2.1		
Machine Weight	$t$	2.8			3.5			4.5			6			7		