

CHARACTERISTICS		SERIE SETTE 40			SERIE SETTE 60			SERIE SETTE 95			SERIE SETTE 135			SERI
Euromap Classification	cm ³ MP	160/40			177/60			310/95			515/135			
Screw diameter	mm	28	32	35	35	40	45	40	45	50	45	50	55	50
Calculated shot volume	cm ³	80	105	125	96	125	159	175	222	274	286	353	427	451
Approx. shot weight (polystyrene)	g	77	100	120	87	114	145	168	210	260	275	339	410	435
Pressure on material	bar	1970	1500	1260	1840	1408	1112	1775	1400	1135	1800	1464	1210	1750
Max. injection speed	cm ³ /1"	78	102	115	115	150	190	125	160	195	146	180	217	230
Screw length	L/D	23	20	18	21,5	19	16,5	24	22	20	22	20	18	22
Plasticizing capacity (cont. rot. polystyrene)	Kg/h	50	55	60	65	75	85	105	120	135	110	140	150	130
Screw hydraulic motor power, adjustable displacement	HP	15*			25			25			30			
Screw speed	giri/1' r.p.m.	0-300			0-320	320-700		0-170	170-450		0-200	200-450		0-150
Torque on screw	N.m	290			490	490-220		1100	1100-415		1100	1100-490		2100
Heating zones (+ nozzle)	N°	3			3			3			3			
Total heating power	KW	4,2			6			7,2			9			
Mould clamping force	kN	400			590			930			1325			
Moving platten stroke	mm	270			300			350			400			
Min. and max mould thickness	mm	100-350			80-350			100-400			150-500			
Space between tie-bars	mm	266×266			300×300			353×353			400×400			
Approx. ejection force with mechanical ejector	kN	15			17			20			30			
Ejection force with plate hydraulic ejector	kN	23 ^{▲▲}			27			31			52			
Plate hydraulic ejector stroke	mm	85 ^{▲▲}			90			115			150			
Electric motor power	HP	15			25			25			30			
Total installed power	KW	15,2			24			25,7			31			
Dry cycles	N°/1'	48			70			55			45			
Hydraulic circuit pressure	bar	140			115			130			130			
Oil tank capacity	Kg	150			180			230			280			
Net weight	Kg	2300			2900			4200			5700			

Specification and description overleaf can be changed without notice, and vary for each model.

* Fixed displacement.

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CHARACTERISTICS		SERIE SETTE 190			SERIE SETTE 250			SERIE SETTE 350			SERIE SETTE 500			SERIE SETTE 600	
Euromap Classification	cm ³ MP	790/190			1250/250			1960/350			3270/500			4300	
Screw diameter	mm	50	55	60	55	60	70	60	70	80	70	80	90	80	90
Calculated shot volume	cm ³	451	546	650	700	835	1135	990	1347	1760	1616	2110	3065	2260	2880
Approx. shot weight (polystyrene)	g	435	525	625	670	802	1090	950	1290	1690	1570	2050	2980	2190	2770
Pressure on material	bar	1750	1450	1215	1785	1500	1100	1980	1450	1110	2025	1550	1225	1945	1500
Max. injection speed	cm ³ /1"	230	280	335	230	270	370	270	360	470	460	605	770	580	750
Screw length	L/D	22	20	18,5	22	20	17	23	20	17,5	23	20	18	23	20
Plasticizing capacity (cont. rot. polystyrene)	Kg/h	130	160	180	130	170	200	135	180	210	250	290	320	290	320
Screw hydraulic motor power, adjustable displacement	HP	40			40			60			100*			125	
Screw speed	giri/1' r.p.m.	0-150	150-350		0-140	140-350		0-105	105-300		0-210			0-130	
Torque on screw	N.m	2100	2100-910		2100	2100-840		390	390-135		3500			4800	
Heating zones (+ nozzle)	N°	3			3			3			4			4	
Total heating power	KW	13,8			16,2			23			31			36	
Mould clamping force	kN	1870			2460			3440			4905			6370	
Moving platten stroke	mm	460			530			600			830			920	
Min. and max mould thickness	mm	200-550			200-650			200-650			250-800			250-800	
Space between tie-bars	mm	460×460			530×530			600×600			720×720			820×820	
Approx. ejection force with mechanical ejector	kN	40			54			68			95			120	
Ejection force with plate hydraulic ejector	kN	52			49			85			118			140	
Plate hydraulic ejector stroke	mm	150			150			190			290			290	
Electric motor power	HP	40			40			60			100			125	
Total installed power	KW	43			46			68			106			125	
Dry cycles	N°/1'	35			30			22			16			12	
Hydraulic circuit pressure	bar	130			135			135			140			140	
Oil tank capacity	Kg	350			400			480			500			700	
Net weight	Kg	8100			9900			14500			25000			33000	

Specification and description overleaf can be changed hydraulic ejector

CHARACTERISTICS		SERIE SETTE 500			SERIE SETTE 650			SERIE SETTE 800			SERIE SETTE 1000		
Euromap Classification	cm ³ MP	3270/500			4300/650			6410/800			9300/1000		
Screw diameter	mm	70	80	90	80	90	105	90	105	120	105	120	135
Calculated shot volume	cm ³	1616	2110	3065	2260	2860	3895	3180	4330	5655	4760	6200	7870
Approx. shot weight (polystyrene)	g	1570	2050	2980	2190	2775	3780	3030	4150	5370	4570	5950	7500
Pressure on material	bar	2025	1550	1225	1945	1500	1130	2043	1500	1150	1975	1500	1190
Max. injection speed	cm ³ /1"	460	605	770	580	752	996	610	830	1080	810	1000	1340
Screw length	L/D	23	20	18	23	20	17	23,5	20	17	23	20	18
Plasticizing capacity (cont. rot. polystyrene)	Kg/h	250	290	320	290	320	350	290	350	380	350	400	430
Screw hydraulic motor power, adjustable displacement	HP	100*			125*			150*			175*		
Screw speed	giri/1' r.p.m.	0-210			0-190			0-180			0-140		
Torque on screw	N.m	3500			4800			6200			9000		
Heating zones (+ nozzle)	N°	4			4			5			6		
Total heating power	KW	31			36			47,5			54		
Mould clamping force	kN	4905			6370			8000			10000		
Moving platten stroke	mm	830			920			1000			1150		
Min. and max mould thickness	mm	250-800			250-900			300-1000			350-1100		
Space between tie-bars	mm	720×720			820×820			920×920			1020×1020		
Approx. ejection force with mechanical ejector	kN	95			125			140			200		
Ejection force with plate hydraulic ejector	kN	118			118			230			230		
Plate hydraulic ejector stroke	mm	290			290			350			350		
Electric motor power	HP	100			125			150			175		
Total installed power	KW	106			126			158			185		
Dry cycles	N°/1'	16			12			10			7		
Hydraulic circuit pressure	bar	140			140			135			135		
Oil tank capacity	Kg	500			700			800			1000		
Net weight	Kg	25000			33000			43000			68000		

Specification and description overleaf can be changed v