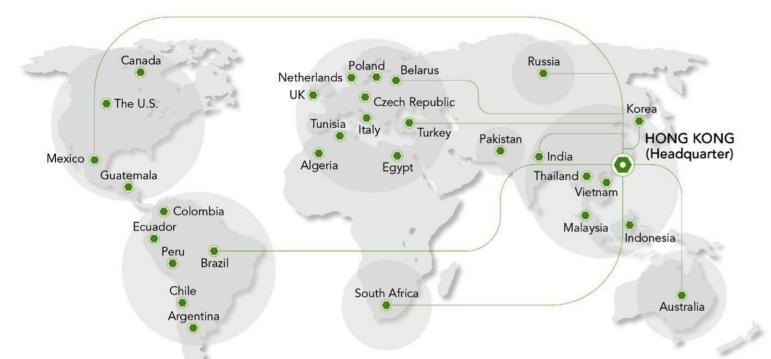
Our offices and agents









Ultra performer. Minimized Consumption



Welltec Machinery Ltd



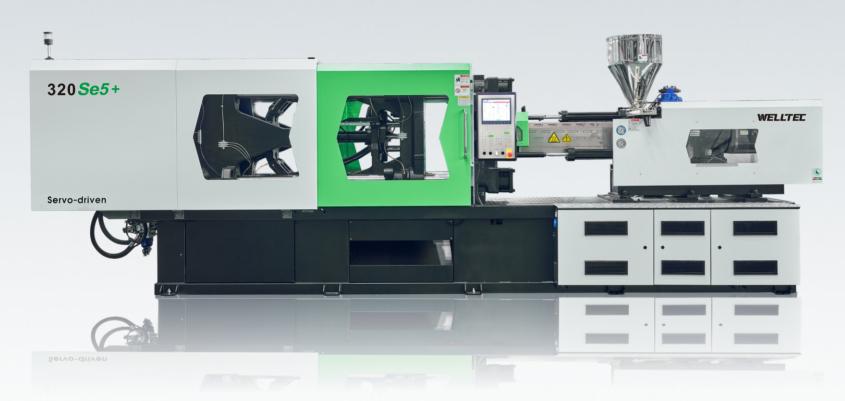








The ultra performer Se5+ officially launched



Increased speed and efficiency. Reduced energy consumption

- Equipped with electric plasticizing as the standard, plasticizing capacity is increased by 20%-45%
- The speed of different models is increased by 15%-25% to shorten the molding cycle and improve production efficiency
- The energy consumption of the whole machine is reduced by 20%
- Newly optimized hydraulic pipeline design to minimize energy consumption loss, avoid rising oil temperature and reduce consumption of cooling water





Optimized design and innovative technology

- Combined power to refine the movement, reduced energy consumption by optimized power configuration
- Decent and robust machine
- Ergonomically optimized design of the clamping unit to make it durable and meet the high-intensity production requirements
- The optimized hinge movement is ultra smooth, and the ending position of mold opening features high repeatability and accuracy
- New injection unit design with better performance to meet higher processing requirements for various products



KEBA control system

- Standard equipped with new KEBA special control system to achieve superlative machine control performance.
- 10.4" or 12" TFT color touch screen. Easy to operate and maintain.
- Closed-loop adaptive control technology to ensure stable and accurate movement of the machine.
- Dynamic PID auto-tuning maintains temperature stability within ± 0.5° C.
- Over 1000 sets of mold parameter storage with USB backup capability.
- Advanced oscilloscope function. Multi-curve display for mold open/close, injection, plasticizing and SPC statistics to achieve real-time stability monitoring of the machine.
- Built-in a large number of commonly-used control functions to meet the needs of various molds, products and molding processes. Easy for clients to use.
- Welltec new generation intelligent system to build a digital future.





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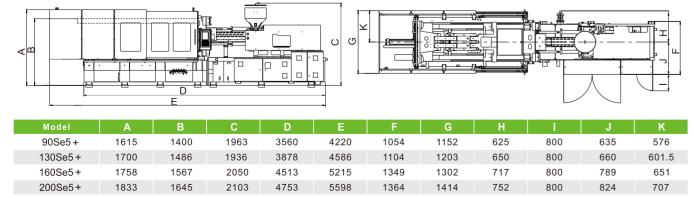


ITEM	UNIT		90Se5+		,	130Se5 +			160Se5+			200Se5+		
			900-312			1300-433		1600-629			2000-871			
Injection unit														
Screw diameter	mm	30	35	40	35	40	45	40	45	50	45	50	60	
Theoretical shot volume	сс	124	168	220	192	251	318	283	358	442	398	491	707	
Shot weight (PS)	g	113	153	200	175	229	289	257	326	402	362	447	643	
Shot weight (PS)	oz	4.0	5.4	7.1	6.2	8.1	10.2	9.1	11.5	14.2	12.8	15.8	22.7	
Length/Diameter ratio	L/D	24	20.6	18	23.4	20.5	18.2	22.5	20	18	24	21.6	18	
Injection pressure	MPa	254	186	143	225	172	136	223	176	142	219	177	123	
Injection rate	cm ³ /sec	83	113	147	114	149	189	147	187	230	185	228	328	
Max. screw speed	rpm		350		300		290		270					
Plasticizing capacity (PS)	g/s	16.5	18.3	26.9	17.4	23.7	29.2	24.5	31.7	35.5	32.8	40.8	49.9	
Clamping unit														
Clamping force	Ton		90		130			160			200			
Max. daylight	mm		740		880		1000		1090					
Clamping stroke	mm		360		430		480		540					
Distance btwn. tie bars	mm		360×360)		410×410			470×470			535×53	35	
Min. mould dimension	mm		250×250)		280×280		320×320			370×370			
Mould thickness range	mm		120-380			145-450			150-520			175-55	0	
Ejector force	Ton		4.1			4.1			7.7			9.9		
Ejector stroke	mm		100			120			160			170		
Power Unit and General														
Pump motor	kW		16.6			16.6		22.3			22.3			
Heating power	kW		7.41			9.3		11.48				14.25		
Machine dimensions (L×W×H)	М	4.3	9×1.23×1	1.62	4.8	4.89×1.30×1.67		5.37×1.47×1.76			5.88×1.54×1.84			
Machine weight	Ton		3.27			4.16		5.68			6.97			
Oil filling capacity	L		200		200			280			300			

[■] We are always working on improvement and reserve the right to change design and specifications without prior notice

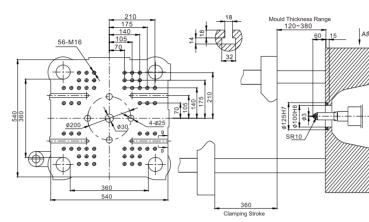
Machine Dimensions

【90~200Se5+】

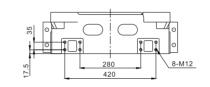


Platen/Nozzle Dimensions

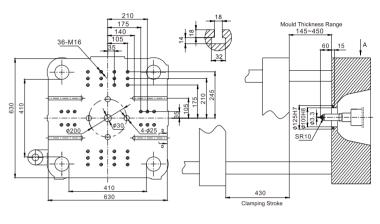
90Se5+

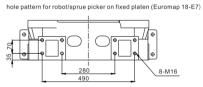


hole pattern for robot/sprue picker on fixed platen (Euromap 18-E6)

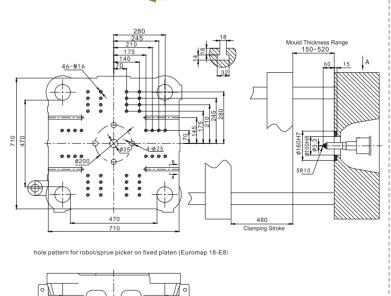


130Se5+

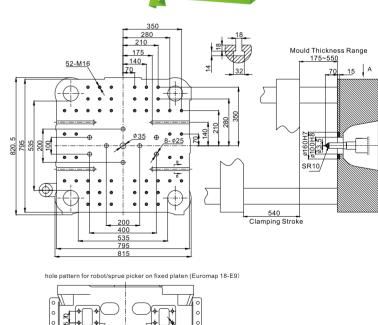




160Se5+



200Se5+



Remark: C-hopper height for reference or

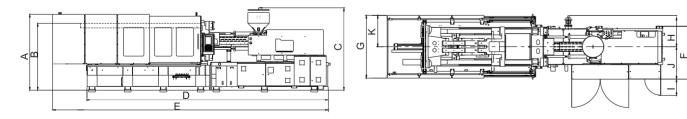


ITEM	UNIT		260Se5 -	+	;	320Se5 -		400Se5+				480Se5	+	
		2	2600-150	7	3	3200-1930		4000-2868			4800-3508			
Injection unit														
Screw diameter	mm	55	60	65	60	65	75	65	75	85	70	80	94	
Theoretical shot volume	СС	713	848	995	919	1078	1436	1244	1657	2128	1539	2011	2776	
Shot weight (PS)	g	649	772	906	836	981	1307	1132	1508	1936	1401	1830	2526	
Shot weight (PS)	oz	22.9	27.3	32.0	29.5	34.7	46.2	40.0	53.3	68.4	49.5	64.7	89.3	
Length/Diameter ratio	L/D	22.9	21	19.4	22.5	20.8	18	23.9	20.7	18.3	24.2	21.2	18	
Injection pressure	MPa	211	178	151	210	179	134	231	173	135	228	174	126	
Injection rate	cm ³ /sec	248	295	347	306	359	477	348	463	595	410	535	739	
Max. screw speed	rpm		255		240		220			200				
Plasticizing capacity (PS)	g/s	46.9	69.2	82.4	52.8	59.2	83.4	74.8	100.5	129.9	85.4	110.7	154.2	
Clamping unit														
Clamping force	Ton		260			320			400		480			
Max. daylight	mm		1210		1400		1530			1600				
Clamping stroke	mm		600			700			780			780		
Distance btwn. tie bars	mm		580×580			680×680			740×740			820×800)	
Min. mould dimension	mm		400×400			470×470		520×520			570×560			
Mould thickness range	mm		195-610			250-700			250-750			300-820		
Ejector force	Ton		11.1			11.1			16.6			16.6		
Ejector stroke	mm		195			200			210			240		
Power Unit and General														
Pump motor	kW		28.1			47.7			54.3		67.4			
Heating power	kW		18.9		22.15			28.99			35.04			
Machine dimensions (L×W×H)	M	6.4	3×1.63×1	1.97	6.96×1.71×2.08		8.04×1.84×2.24			8.46×1.95×2.31				
Machine weight	Ton		8.55			11.52		14.68			16.72			
Oil filling capacity	L		450			540			700			720		

■ We are always working on improvement and reserve the right to change design and specifications without prior notice

Machine Dimensions

【260~480Se5+】

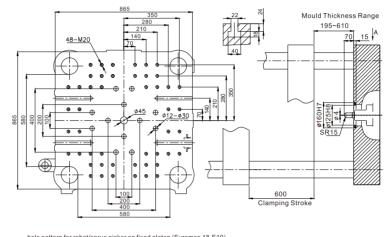


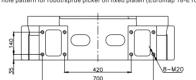
Model	Α	В	С	D	Е	F	G	Н	I	J	K
260Se5 -	1961	1757	2185	5030	6072	1417	1462	810	800	852	731
320Se5 -	2078	1884	2267	5575	6601	1517	1592	865	800	902	796
400Se5 -	2176	1923	2284	6780	7744	1783	1760	874	800	909	880
480Se5 -	2246	1985	2336	7006	8025	1797	1874	855	800	942	937

Remark: C-hopper height for reference only

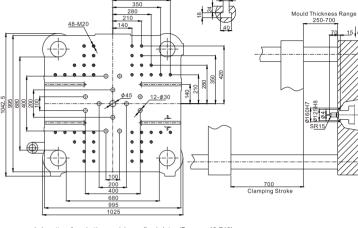
Platen/Nozzle Dimensions

260Se5+

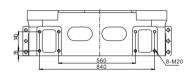




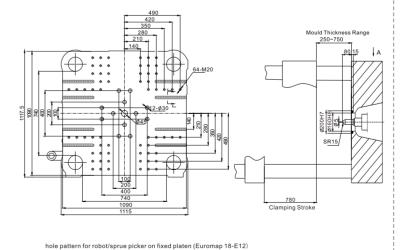
320Se5+

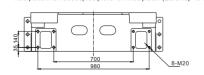


hole pattern for robot/sprue picker on fixed platen (Euromap 18-E10)

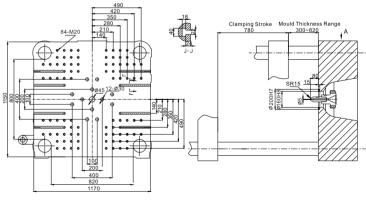


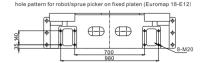
400Se5+





480Se5+









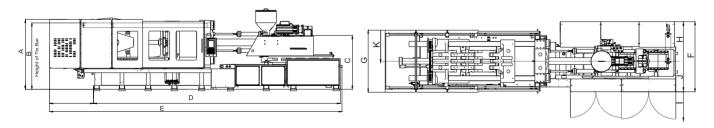
Specifications -

Injection unit Screw diameter mm 80 90 105 80 90 105 Theoretical shot volume cc 2212 2799 3810 2212 2799 3810 Shot weight (PS) g 2013 2547 3467 2013 2547 3467 Shot weight (PS) oz 71.1 90.0 122.5 71.1 90.0 122.5 Length/Diameter ratio L/D 23.6 21 18 23.6 21 18 Injection rate MPa 215 170 125 215 170 125 Injection rate cm³/sec 560 709 965 560 709 965 Max. screw speed rpm 180 119.0 179.9 98.0 119.0 179.9 Plasticizing capacity (PS) g/s 98.0 119.0 179.9 98.0 119.0 1830 Clamping force Ton 530 59 180 <	ITEM	UNIT		530Se5 +		660Se5+				
Screw diameter mm 80 90 105 80 90 105 Theoretical shot volume cc 2212 2799 3810 2212 2799 3810 Shot weight (PS) g 2013 2547 3467 2013 2547 3467 Shot weight (PS) oz 71.1 90.0 122.5 71.1 90.0 122.5 Length/Diameter ratio L/D 23.6 21 18 23.6 21 18 Injection pressure MPa 215 170 125 215 170 125 Injection rate cm³/sec 560 709 965 560 709 965 Max. screw speed rpm 180 179.9 98.0 119.0 179.9 Plasticizing capacity (PS) g/s 98.0 119.0 179.9 98.0 119.0 179.9 Clamping drote Ton 530 660 709 965 660 709 965				5300-4762			6600-4762			
Theoretical shot volume cc 2212 2799 3810 2212 2799 3810 Shot weight (PS) g 2013 2547 3467 2013 2547 3467 Shot weight (PS) oz 71.1 90.0 122.5 71.1 90.0 122.5 Length/Diameter ratio L/D 23.6 21 18 23.6 21 18 Injection pressure MPa 215 170 125 215 170 125 Injection rate cm³/sec 560 709 965 560 709 965 Max. screw speed rpm 180 179.9 98.0 119.0 179.9 Plasticizing capacity (PS) g/s 98.0 119.0 179.9 98.0 119.0 179.9 Clamping unit Clamping force Ton 530 660 9.0 19.0 179.9 960 9.0 19.0 179.9 9.0 19.0 179.9 <t< th=""><th>Injection unit</th><th></th><th></th><th></th><th colspan="5"></th></t<>	Injection unit									
Shot weight (PS) g 2013 2547 3467 2013 2547 3467 Shot weight (PS) oz 71.1 90.0 122.5 71.1 90.0 122.5 Length/Diameter ratio L/D 23.6 21 18 23.6 21 18 Injection pressure MPa 215 170 125 215 170 125 Injection rate cm³/sec 560 709 965 560 709 965 Max. screw speed rpm 180 180 180 190 179.9 96.0 119.0 179.9 96.0 119.0 179.9 96.0 119.0 179.9 96.0 119.0 179.9 96.0 119.0 179.9 96.0 119.0 179.9 96.0 119.0 179.9 96.0 119.0 179.9 96.0 119.0 179.9 96.0 119.0 179.9 96.0 119.0 179.9 96.0 119.0 179.9 96.0 119.	Screw diameter	mm	80	90	105	80	90	105		
Shot weight (PS) oz 71.1 90.0 122.5 71.1 90.0 122.5 Length/Diameter ratio L/D 23.6 21 18 23.6 21 18 Injection pressure MPa 215 170 125 215 170 125 Injection rate cm³/sec 560 709 965 560 709 965 Max. screw speed rpm 180 180 180 180 180 Plasticizing capacity (PS) g/s 98.0 119.0 179.9 98.0 119.0 179.9 98.0 119.0 179.9 98.0 119.0 179.9 180 180 179.9 180 180 179.9 180 180 179.9 180 180 179.9 180 180 180 179.9 180 180 179.9 180 180 180 180 180 180 180 180 180 180 180 180 180 180	Theoretical shot volume	сс	2212	2799	3810	2212	2799	3810		
Length/Diameter ratio	Shot weight (PS)	g	2013	2547	3467	2013	2547	3467		
Injection pressure	Shot weight (PS)	oz	71.1	90.0	122.5	71.1	90.0	122.5		
Injection rate	Length/Diameter ratio	L/D	23.6	21	18	23.6	21	18		
Max. screw speed rpm 180 180 Plasticizing capacity (PS) 98.0 119.0 179.9 98.0 119.0 179.9 Clamping unit Clamping force Ton 530 660 Max. daylight mm 1700 1830 Clamping stroke mm 850 910 Distance btwn. tie bars mm 840×830 920×920 Min. mould dimension mm 580×580 645×645 Mould thickness range mm 300-850 350-920 Ejector force Ton 16.6 16.6 Ejector stroke mm 240 290 Power Unit and General Pump motor kW 67.4 67.4 Heating power kW 35.73 35.73 Machine dimensions (L×W×H) M 9.32×1.98×2.30 9.25×2.24×2.28 Machine weight Ton 23 26	Injection pressure	MPa	215	170	125	215	170	125		
Plasticizing capacity (PS) g/s 98.0 119.0 179.9 98.0 119.0 179.9 Clamping unit Clamping force Ton 530 660 Max. daylight mm 1700 1830 Clamping stroke mm 850 910 Distance btwn. tie bars mm 840×830 920×920 Min. mould dimension mm 580×580 645×645 Mould thickness range mm 300-850 350-920 Ejector force Ton 16.6 16.6 Ejector stroke mm 240 290 Power Unit and General Pump motor kW 67.4 67.4 Heating power kW 35.73 35.73 Machine dimensions (L×W×H) M 9.32×1.98×2.30 9.25×2.24×2.28 Machine weight Ton 23 26	Injection rate	cm ³ /sec	560	709	965	560	709	965		
Clamping unit Clamping force Ton 530 660 Max. daylight mm 1700 1830 Clamping stroke mm 850 910 Distance btwn. tie bars mm 840×830 920×920 Min. mould dimension mm 580×580 645×645 Mould thickness range mm 300-850 350-920 Ejector force Ton 16.6 16.6 Ejector stroke mm 240 290 Power Unit and General Pump motor kW 67.4 67.4 Heating power kW 35.73 35.73 Machine dimensions (L×W×H) M 9.32×1.98×2.30 9.25×2.24×2.28 Machine weight Ton 23 26	Max. screw speed	rpm		180	•	180				
Clamping force Ton 530 660 Max. daylight mm 1700 1830 Clamping stroke mm 850 910 Distance btwn. tie bars mm 840×830 920×920 Min. mould dimension mm 580×580 645×645 Mould thickness range mm 300-850 350-920 Ejector force Ton 16.6 16.6 Ejector stroke mm 240 290 Power Unit and General Pump motor kW 67.4 67.4 Heating power kW 35.73 35.73 Machine dimensions (L×W×H) M 9.32×1.98×2.30 9.25×2.24×2.28 Machine weight Ton 23 26	Plasticizing capacity (PS)	g/s	98.0	119.0	179.9	98.0	119.0	179.9		
Max. daylight mm 1700 1830 Clamping stroke mm 850 910 Distance btwn. tie bars mm 840×830 920×920 Min. mould dimension mm 580×580 645×645 Mould thickness range mm 300-850 350-920 Ejector force Ton 16.6 16.6 Ejector stroke mm 240 290 Power Unit and General Pump motor kW 67.4 67.4 Heating power kW 35.73 35.73 Machine dimensions (L×W×H) M 9.32×1.98×2.30 9.25×2.24×2.28 Machine weight Ton 23 26	Clamping unit									
Clamping stroke mm 850 910 Distance btwn. tie bars mm 840×830 920×920 Min. mould dimension mm 580×580 645×645 Mould thickness range mm 300-850 350-920 Ejector force Ton 16.6 16.6 Ejector stroke mm 240 290 Power Unit and General Pump motor kW 67.4 67.4 Heating power kW 35.73 35.73 Machine dimensions (L×W×H) M 9.32×1.98×2.30 9.25×2.24×2.28 Machine weight Ton 23 26	Clamping force	Ton		530			660			
Distance btwn. tie bars mm 840×830 920×920 Min. mould dimension mm 580×580 645×645 Mould thickness range mm 300-850 350-920 Ejector force Ton 16.6 16.6 Ejector stroke mm 240 290 Power Unit and General Pump motor kW 67.4 67.4 Heating power kW 35.73 35.73 Machine dimensions (L×W×H) M 9.32×1.98×2.30 9.25×2.24×2.28 Machine weight Ton 23 26	Max. daylight	mm		1700		1830				
Min. mould dimension mm 580×580 645×645 Mould thickness range mm 300-850 350-920 Ejector force Ton 16.6 16.6 Ejector stroke mm 240 290 Power Unit and General Pump motor kW 67.4 67.4 Heating power kW 35.73 35.73 Machine dimensions (L×W×H) M 9.32×1.98×2.30 9.25×2.24×2.28 Machine weight Ton 23 26	Clamping stroke	mm		850		910				
Mould thickness range mm 300-850 350-920 Ejector force Ton 16.6 16.6 Ejector stroke mm 240 290 Power Unit and General Pump motor kW 67.4 67.4 Heating power kW 35.73 35.73 Machine dimensions (L×W×H) M 9.32×1.98×2.30 9.25×2.24×2.28 Machine weight Ton 23 26	Distance btwn. tie bars	mm		840×830		920×920				
Ejector force Ton 16.6 16.6 Ejector stroke mm 240 290 Power Unit and General Pump motor kW 67.4 67.4 Heating power kW 35.73 35.73 Machine dimensions (L×W×H) M 9.32×1.98×2.30 9.25×2.24×2.28 Machine weight Ton 23 26	Min. mould dimension	mm		580×580		645×645				
Ejector stroke mm 240 290 Power Unit and General Pump motor kW 67.4 67.4 Heating power kW 35.73 35.73 Machine dimensions (L×W×H) M 9.32×1.98×2.30 9.25×2.24×2.28 Machine weight Ton 23 26	Mould thickness range	mm		300-850			350-920			
Power Unit and General Pump motor kW 67.4 67.4 Heating power kW 35.73 35.73 Machine dimensions (L*W*H) M 9.32*1.98*2.30 9.25*2.24*2.28 Machine weight Ton 23 26	Ejector force	Ton		16.6			16.6			
Pump motor kW 67.4 67.4 Heating power kW 35.73 35.73 Machine dimensions (L×W×H) M 9.32×1.98×2.30 9.25×2.24×2.28 Machine weight Ton 23 26	Ejector stroke	mm		240			290			
Heating power kW 35.73 35.73 Machine dimensions (L×W×H) M 9.32×1.98×2.30 9.25×2.24×2.28 Machine weight Ton 23 26	Power Unit and General									
Machine dimensions (L×W×H) M 9.32×1.98×2.30 9.25×2.24×2.28 Machine weight Ton 23 26	Pump motor	kW		67.4			67.4			
Machine weight Ton 23 26	Heating power	kW		35.73		35.73				
	Machine dimensions (L×W×H)	М		9.32×1.98×2.30		9.25×2.24×2.28				
Oil filling capacity L 775 800	Machine weight	Ton		23		26				
	Oil filling capacity	L		775			800			

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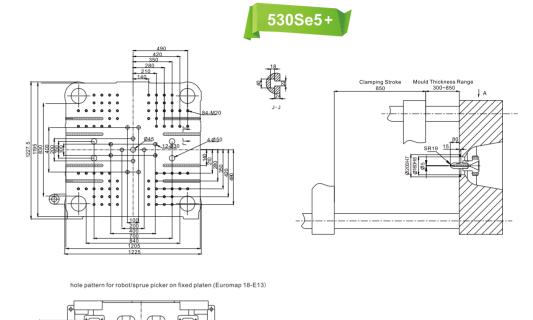
Machine Dimensions

【 530 ~660Se5+ **】**

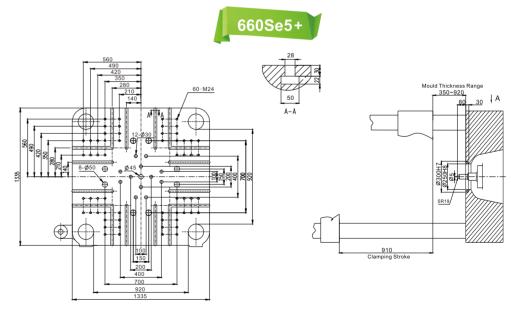


	Model	Α	В	С	D	E	F	G	Н	ı	J	K
	530Se5+	2244	2005	2495	7846	8995	1809	1900	865	800	945	950
	660Se5+	2280	2125	2545	7783	9157	2193	1942	1420	850	960	971
F	temark: C-hopper height for refere	ence only										

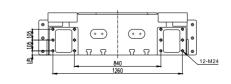
Platen/Nozzle Dimensions



980 3-M2²⁰



hole pattern for robot/sprue picker on fixed platen (Euromap 18-E15)



07≪





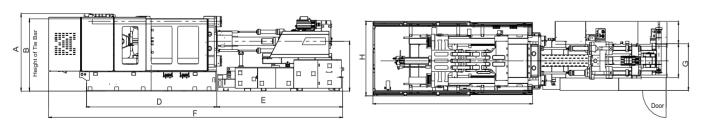
Specifications -

ITEM	UNIT	750Se5+				850Se5+		1000Se5+			
			7500-649	6	8500-6496			10000-8965			
Injection unit											
Screw diameter	mm	90	100	110	90	100	110	100	110	120	
Theoretical shot volume	СС	2990	3691	4467	2990	3691	4467	4163	5037	5994	
Shot weight (PS)	g	2721	3359	4065	2721	3359	4065	3788	4583	5455	
Shot weight (PS)	oz	96.1	118.7	143.6	96.1	118.7	143.6	134	162	193	
Length/Diameter ratio	L/D	22.6	20	18	22.6	20	18	24.2	22	20.2	
Injection pressure	MPa	218	176	146	218	176	146	216	178	150	
Injection rate	cm ³ /sec	652	805	974	652	805	974	848	1026	1221	
Max. screw speed	rpm		160			160		140			
Plasticizing capacity (PS)	g/s	94.0	128.9	156.7	94.0	128.9	156.7	129	157	187	
Clamping unit											
Clamping force	Ton		750			850			1000		
Max. daylight	mm		2050		2200			2380			
Clamping stroke	mm		1025		1100			1220			
Distance btwn. tie bars	mm		1000×1000)	1060×1060			1160×1160			
Min. mould dimension	mm		700×700		740×740			780×780			
Mould thickness range	mm		350~1025			450~1100			450~116	0	
Ejector force	Ton		25.0			25.0		25			
Ejector stroke	mm		350			350			320		
Power Unit and General											
Pump motor	kW		67.4			67.4			115.1		
Heating power	kW		50		50			61.4			
Machine dimensions (L×W×H)	М	10	.34×2.30×2	.37	10.52×2.34×2.40			11.71×2.57×2.70			
Machine weight	Ton		39.1		43			47.0			
Oil filling capacity	L		1100		1100			1200			

[■] We are always working on improvement and reserve the right to change design and specifications without prior notice

Machine Dimensions

【 750~1000Se5+】



Model	Α	В	С	D	Е	F	G	Н
750Se5+	2539	2227	2635	4318	4497	10192	1410	2295
850Se5+	2420	2300	2635	4668	4497	10514	1410	2340
1000Se5+	2687	2370	2717	4904	4900	11090	1482	2569

Remark: C-hopper height for reference only

Platen/Nozzle Dimensions

