

SPARK EH Euroseries

SPECIFICATIONS		UNIT	EH100			EH120			EH150						EH180			EH230			EH300						EH360			EH450			EH550									
INJECTION UNIT			A	B	C	A	B	C	A	B	C	A+	B+	C+	D+	A	B	C	A	B	C	A	B	C	A+	B+	C+	A	B	C	A	B	C	A	B	C						
Screw Diameter	mm		25	28	32	28	32	36	28	32	36	32	36	41	46	36	41	46	36	41	46	46	52	60	60	67	75	60	67	75	65	70	80	70	80	90						
Injection Stroke	mm		100	110	110	110	110	110	110	110	110	160	180	205	230	180	205	230	180	205	230	230	260	285	300	330	360	300	330	360	325	325	325	425	425	425						
Injection Volume	cm ³		49	67	88	67	88	112	67	88	112	128	183	270	382	183	270	382	183	270	382	382	552	805	848	1163	1590	848	1163	1590	1078	1251	1634	1634	2136	2704						
Injection Shot Weight	g		45	62	81	62	81	103	62	81	103	118	168	249	351	168	249	351	168	249	351	351	507	740	780	1070	1462	780	1070	1462	992	1151	1503	1472	1923	2433						
Injection Shot Weight	oz		1.6	2.2	2.9	2.2	2.9	3.6	2.2	2.9	3.6	4.2	5.9	8.8	12.4	5.9	8.8	12.4	5.9	8.8	12.4	12.4	17.9	26	27.6	37.8	51.6	27.6	37.8	51.6	34.99	40.64	53.02	53.02	67.7	85.68						
Injection Rate	cm ³ /s		98	123	160	123	160	203	123	160	203	160	203	264	332	203	264	332	203	264	332	332	425	565	565	705	883	565	705	883	531	616	804	615.7	804.2	1017.8						
Injection Speed	mm/s		200			200			200			200				200			200			200			200			160			160											
Injection Pressure(Max.)	MPa		260	220	175	220	175	138	220	175	138	300	235	183	145	250	235	176	250	235	176	306	240	180	234	188	150	234	188	150	209	180	138	209	180	138						
Holding Pressure	MPa		208	176	140	176	140	110	176	140	110	240	188	146.4	116	200	188	142	200	188	142	1244	192	144	187	150	120	187	150	120	167	144	110	167	144	110						
Plasticizing Rate	g/s		7.8	11	15	11	15	21	11	15	21	15	21	26	35	21	26	36	21	26	35	30	48	64	50	80	95	50	80	95	56	65	80	56	65	80						
Screw RPM(Max.)	rpm		350			350			350			350				350			300			235			235			210			210											
Barrel Heating Power	kW		6.3	7.2	8.2	7.2	8.2	8.9	7.2	8.2	8.9	10.7	12.4	14.3	16.7	12.4	14.3	16.7	12.4	14.3	16.7	19.7	22.8	26	30.2	33.6	39.4	30.2	33.6	39.4	36.1	38.8	53.2	36.1	38.8	53.2						
Barrel Temperature Zones			3+1			3+1			3+1			3+1				3+1			3+1			4+1			4+1			4+1			4+1											
Nozzle Contact Force(Max.)	kN		41			41			41			61				61			61			90			90			90			111			111								
CLAMPING UNIT																																										
Clamping Force(Max.)	kN		1000			1200			1500						1800			2300			3000						3600			4500			5500									
Mold Opening Stroke	mm		360			360			420						480			550			600						700			820			820									
Mold Platen Dimensions(HxV)	mm		640x590			640x590			730x680						800x795.5			890x885.5			1080x1070						1160x1160			1290x1290			1290x1290									
Distance Between Tie Bars(HxV)	mm		460x410			460x410			510x460						560x560			610x610			730x730						830x830			920x920			920x920									
Mold Thickness(Min.-Max.)	mm		150-510			150-510			180-520						200-600			250-680			300-750						300-850			330-810			330-810									
Max.Daylight	mm		870			870			940						1080			1230			1350						1550			1630			1630									
Ejector Force	kN		34			34			34						67			67			67						111			98			98									
Ejector Stroke	mm		100			100			120						120			150			160						200			180			180									
No.Of Ejector	PCS		1			1			1						9			9			9						13			13			13									
Locating Ring Diameter	mm		125			125			125						160			160			160						200			200			200									
OTHERS																																										
Rated Motor Power	kW		18			20			20			27				37			37			50						69			69			54.8			54.8					
Max. Rated Current	A		37			49			49			65				84			84			117						157			157			147			147					
Max. 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					
System Flow	L/Min		30			30			45			45				74			74			90						90			116			116			116					
Oil Tank Capacity	L		60			60			90			90				150			150			160						160			210			210			210					
Machine Dimensions(LxWxH)	mm		4575x1384x1923			4655x1384x1923			5362x1514x1935						6164x1514x1935				6449x1618x2079			6794x1706x2189			7856x1970x2471						8465x1970x2471			8875x2126x2500			9448x2130x2440			9900x2130x2234		
Machine Weight	kg		3900			4100			5800			6500				7700			10200			14900						15700			18500			22000			24700					