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AUXILIARY EQUIPMENT



SPECIALISTS IN PLASTIC STARTUP PROJECTS



**SOLUTION
FOR ENERGY SAVING
COLLABORATED WITH MALAYSIAN ESM**

ESM 70 JS - 700 JS Series Technical Parameters

Items	Units	ESM 70-JS	ESM 100-JS	ESM 120-JS	ESM 160-JS	ESM 200-JS	ESM 250-JS	ESM 280-JS	ESM 320-JS	ESM 400-JS	ESM 500-JS	ESM 600-JS	ESM 700-JS
INJECTION UNIT													
Screw Type		A B C	A B C	A B C	A B C	A B C	A B C	A B C	A B C	A B C D	A B C D	A B C D	A B C D
Screw Diameter	mm	32 35 38	35 38 42	38 42 45	42 45 50	45 50 55	50 55 60	55 60 65	67 70 75	65 70 75 80	75 80 85 90	90 95 100 105	90 95 105 110
Screw ratio		22 20.1 18.5	22 20.2 18.4	24.3 22 20.5	23.6 22 19.8	24.5 22 20	24.2 22 20.2	24 22 20.3	23 22 20.5	23.7 22 20.5 19.3	23.7 22 20.7 19.5	20 19 18 17.1	23.2 22 19.9 19
Theoretical injection capacity	cm ³	133 158 187	163 192 235	193 235 270	305 350 432	340 420 510	455 550 655	676 805 945	1181 1289 1480	1220 1428 1639 1819	1727 1965 2218 2487	2554 2835 3140 3461	2925 3258 3980 4369
Shot Weight(PS)	g	121 144 170	148 175 213	176 213 246	277 319 393	310 383 466	416 503 600	615 732 859	1076 1175 1349	1050 1258 1539 1665	1560 1788 2018 2266	2315 2580 2850 3149	2662 2965 3622 3975
Injection rate into Air	cm ³ /s	81 97 115	89 105 128.1	94 115 135	138 160 196	124 154 186	187 227 270	223.5 266 312.2	337 368 422	315 357 406 440	386 442 499 560	552 612 679 748	587 654 798 877
Injection pressure	Mpa	203 170 144	219 186 152	205 170 147	203 177 143	207 168 139	205 169 142	200 168 143	183 168 146	208 180 156 138	191 168 148 132	184 165 149 135	195 175 143 130
Max.Screw speed	r/min	240	255	210	225	190	210	220	195	150	175	150	115
CLAMPING UNIT													
Clamping force	KN	900	1100	1400	1600	2000	2500	2800	3200	4000	5000	6000	7800
Opening stroke	mm	320	350	380	435	495	540	590	660	700	770	850	980
Space between tie bar	mmXmm	360X360	410X410	460X460	480X480	530X530	580X580	630X630	680X680	730X730	820X820	850X850	980X980
Min.mould height(T slot)	mm	150	150	160	180	200	200	200	250	280	330	350	400
Max. mould height(T slot)	mm	350	380	450	520	530	550	630	720	780	810	900	1000
Ejector stroke	mm	90	100	120	135	140	150	150	160	180	240	230	280
Ejector force forward	KN	30	38	50	50	70	70	70	70	126	150	150	210
POWER ELECTRIC													
Sys. Pressure	Mpa	16	16	16	16	16	16	16	16	16	16	16	16
Pump Motor	KW	9	13	17	21	25	28	34	34	51	17+34	25+34	37+37
Heater power	KW	4.4	6.2	8.15	11.85	13.25	15	18.9	24.1	27.7	32.2	36.1	59.1
OTHERS													
Hooper capacity	Kg	25	25	25	25	50	50	50	50	50	100	100	100
Oil tank capacity	L	180	200	265	300	300	380	390	680	750	880	1100	1250
Machine dimensions(LxWxH)	mXmXm	3.81X1.19X1.79	4.15x1.12x2.00	4.51X1.16X1.87	4.86X1.30X2.10	5.22X1.60X2.21	5.82X1.60X2.24	6.11X1.81X2.41	7.08X1.99X2.38	7.3X21X2.9	7.74X1.89X2.69	10.2X2.24X2.71	11.20X2.37X2.55
Machine weight	Ton	2.9	3.4	4	5.4	6.4	7.5	8.8	12.8	15	21	28	43

Note : The technical specifications can be changed without prior notice.



FURNITURE



PACKAGING



PET PREFORMS



AUTOMOBILE



MEDICAL



THINWALL CONTAINERS



UPVC, CPVC



HOME APPLIANCES