

MK6 PRO Euroseries

Injection moulding machine



SPECIFICATIONS	UNIT	JM88-MK6 PRO	JM128-MK6 PRO	JM168-MK6 PRO	JM208-MK6 PRO	JM258-MK6 PRO	JM328-MK6 PRO	JM398-MK6 PRO	JM468-MK6 PRO	JM568-MK6 PRO	JM668-MK6 PRO																				
INJECTION UNIT																															
Screw Diameter	mm	31	36	41	36	41	46	41	46	52	46	52	60	46	52	60	60	67	75	67	75	83	75	83	90	75	83	90	83	90	98
Screw L/D Ratio	L/D	24.4	21.0	18.4	23.9	21.0	18.7	23.6	21.0	18.6	23.7	21.0	18.2	23.7	21.0	18.2	23.5	21.0	18.8	23.5	21.0	19.0	23.2	21.0	19.4	23.2	21.0	19.4	23.9	22.0	20.2
Screw Stroke	mm	180			205			230			260			260			335			375			415			415			425		
Swept Volume	cm ³	136	183	238	209	271	341	304	382	488	432	552	735	432	552	735	947	1181	1480	1322	1657	2029	1833	2245	2640	1833	2245	2640	2300	2704	3206
Injection Weight (PS)	g	124	167	216	190	246	310	276	348	444	393	502	669	393	502	669	862	1075	1347	1203	1508	1846	1668	2043	2403	1668	2043	2403	2093	2460	2917
	oz	4.4	5.9	7.6	6.7	8.7	10.9	9.7	12.3	15.7	13.9	17.7	23.6	13.9	17.7	23.6	30.4	37.9	47.5	42.4	53.2	65.1	58.9	72.1	84.7	58.9	72.1	84.7	73.7	86.6	102.7
Injection Pressure (Max.)	kgf/cm ²	2549	1890	1457	2451	1890	1501	2368	1881	1472	2419	1893	1422	2419	1893	1422	2355	1889	1507	2333	1862	1520	2253	1840	1564	2253	1840	1564	2163	1840	1552
Injection Rate	cm ³ /s	80	108	140	104	135	170	138	174	222	169	216	287	169	216	287	302	376	472	351	440	539	442	541	636	442	541	636	540	635	753
Screw Rotation Speed (Max.)	rpm	245			245			224			200			200			200			190			180			180			170		
Nozzle Contact Force (Max.)	t	4.2			4.2			6.2			6.2			6.2			9.1			11.1			11.1			12.0			12.0		
Nozzle Stroke	mm	275			290			330			380			380			440			470			540			420			450		
CLAMPING UNIT																															
Clamping Force (Max.)	t	88			128			168			208			258			328			398			468			568			668		
Opening Stroke	mm	340			380			450			510			560			660			720			820			870			920		
Space Between Tie Bars (HxV)	mm	360 x 360			410 x 410			470 x 470			530 x 530			580 x 580			680 x 680			730 x 730			830 x 830			860 x 860			920 x 920		
Max. Mould Thickness	mm	380			450			520			550			580			680			730			850			880			920		
Min. Mould Thickness	mm	125			150			170			180			190			225			250			300			350			380		
Max.daylight	mm	720			830			970			1060			1140			1340			1450			1670			1750			1840		
Ejector Force	t	3.4			4.2			4.2			6.7			8.5			11.1			11.1			16.6			16.6			18.2		
Ejector Stroke	mm	120			120			140			150			150			180			215			220			250			265		
Centre Ring Diameter	mm	100			100			125			125			125			125			160			160			160			200		
OTHERS																															
System Pressure	MPa	17.5			17.5			17.5			17.5			17.5			17.5			17.5			17.5			17.5			17.5		
Pump Motor	kW	14			17			21			30			30			48			60			72			72			96		
Electrical Heating	kW	8			10.3			12.9			16.6			16.6			26			31.1			35.5			35.5			35.5		
Temperature Control Zones	Zones	3+1			3+1			3+1			3+1			3+1			4+1			5+1			5+1			5+1			5+1		
Machine Dimensions (LxWxH)	m	4.48 x 1.17 x 1.88			4.95 x 1.25 x 1.94			5.48 x 1.28 x 2.02			6.10 x 1.48 x 2.15			6.30 x 1.56 x 2.24			7.45 x 1.73 x 2.21			8.02 x 1.94 x 2.19			8.78 x 2.04 x 2.26			9.29 x 1.94 x 2.33			9.86 x 2.02 x 2.24		
Oil Tank Capacity	L	170			220			265			350			350			620			810			920			920			950		
Machine Weight	t	3.3			4.0			4.9			6.8			7.8			13.2			16.7			19.8			21.0			23.0		

All technical data and features are subjected to change without notice.