

MK6 PRO Euroseries

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	83	90	98	
Screw L/D	/	24.4	21	18.4	23.9	21	18.7	23.6	21	18.6	23.7	21	18.2	23.7	21	18.2	23.5	21	18.8	23.5	21	19	23.2	21	19.4	23.2	21	19.4	23.9	22	20.2			
Injection Capacity (Calculated)	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 Shot Weight (Max.)	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			
Injection Pressure (Max.)	MPa	254.9	189	145.7	245.1	189	150.1	236.8	188.1	147.2	241.9	189.3	142.2	241.9	189.3	142.2	235.5	188.9	150.7	233.3	186.2	152	225.3	184	156.4	225.3	184	156.4	216.3	184	155.2			
Injection Rate (Max.)	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			
Injection Speed (Max.)	mm/s	105			105			105			103			103			108			102			100			99			100					
Injection Stroke (Max.)	mm	180			205			230			260			260			335			375			415			415			425					
Plasticising Rate (Max.)	g/s	8.8	13.8	20.3	13.8	20.3	24.7	18.6	22.6	30.9	20.1	27.6	42.8	20.1	27.6	42.8	42.8	68.7	71.3	65.6	67.8	95.9	64.2	90.7	128.9	64.2	90.7	128.9	85.6	121.7	152.7			
Screw RPM (Max.)	rpm	245			245			224			200			200			200			190			180			180			170					
Nozzle Contact Force (Max.)	kN	42			42			62			62			62			91			111			111			120			120					
Nozzle Stroke (Max.)	mm	275			290			330			380			380			440			470			540			420			450					
CLAMPING UNIT																																		
Clamping Force (Max.)	kN	880			1280			1680			2080			2580			3280			3980			4680			5680			6680					
Clamp Opening Stroke (Max.)	mm	340			380			450			510			560			660			720			820			870			920					
Platen Dimensions (HxV)	mm	540x540			600x600			680x680			760x760			840x840			970x970			1040x1040			1160x1160			1230x1230			1300x1300					
Distance Between Tie Bars (HxV)	mm	360x360			410x410			470x470			530x530			580x580			680x680			730x730			830x830			860x860			920x920					
Mold Thickness (Min.-Max.)	mm	125-380			150-450			170-520			180-550			190-580			225-680			250-730			300-850			350-880			380-920					
Max. Daylight	mm	720			830			970			1060			1140			1340			1450			1670			1750			1840					
Ejector Force (Max.)	kN	34			42			42			67			85			111			111			166			166			182					
Ejector Stroke (Max.)	mm	120			120			140			150			150			180			215			220			250			265					
No. of Ejectors	PCS	1			1			9			9			9			9			9			17			17			17					
Locating Ring Diameter	mm	125			125			125			160			160			160			160			160			200			200			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			17.5		
Motor Power (Rated)	kW	14			17			21			30			30			48			60			72			72			96					
Barrel Heating Power (Max.)	kW	8			10.3			12.9			16.6			16.6			26			31.1			35.5			35.5			35.5					
Temperature Control Zones	Zone	3+1			3+1			3+1			3+1			3+1			4+1			5+1			5+1			5+1			5+1					
Machine Dimensions (LxWxH)	m	4.52x1.17x1.88			5.02x1.25x1.94			5.53x1.28x2.02			6.20x1.48x2.15			6.40x1.56x2.24			7.73x1.73x2.21			8.42x1.94x2.19			9.33x2.04x2.26			9.30x1.94x2.33			9.83x2.02x2.24					
Oil Tank Capacity	L	170			220			265			350			350			620			810			920			920			950					
Machine Weight	kg	3300			4000			4900			6800			7800			13200			16700			19800			21000			23000					

All technical data and features are subject to change without prior notice.