

Injection Moulding Machine		KM 1300 SpinForm	
<b>Clamping Unit</b>			
Clamping force	kN	1300	
Size of fixed and moving platen (h x v)	mm	2210 x 1910	
Size of swivel platen from center (h x v)	mm	+/- 905 x + 755/- 605	
Clearance between tie bars (h x v)	mm	1550 x 1250	
Mould opening stroke MP (max.)	mm	2550	
Mould height min.	mm	2 x 670	
Max. daylight (FP-MP)	mm	2 x 1170	
Min. distance from FP to center of sliding table	mm	800 (750 without mould)	
Max. distance from FP to center of sliding table	mm	2150	
Max. stroke of sliding table	mm	1350	
Thickness of swivel platen	mm	260	
Max. mold weight at swivel platen	to	2 x 10	
Diameter of turntable	mm	1344	

**Position**

**Injection unit fixed pl.**

**Injection unit moving pl.**

Injection Unit		SP 8100	SP 6100
Screw type		thermoplast with coating	thermoplast with coating
Materials		PC, PMMA transp.,ABS ABS/PC, PMMA/ABS	PC, PMMA transp.,ABS ABS/PC, PMMA/ABS
Working capacity		8100	6100
Screw diameter	mm	105	95
Ls/D-ratio		23	23
Injection pressure	bar	1778	1795
Stroke volume	cm³	4546	3367
Shot weight, PS (theoretical)	g	4137	3064
Injection rate (standard)	cm³/s	805	690
Screw speed nominal / max.	1/min	123 / 151	112/148
Plasticizing rate at			
Screw speed nominal, PS	g/s	144	100
Screw speed max., PS	g/s	178	132
Nozzle contact pressure	kN	166	166
Nozzle radius, nozzle orifice	mm	19/6	19/6
Nominal penetration depth	mm	100	100
<b>Electric and Hydraulic Equipment</b>			
Nominal capacity of pump motor (380 V, 60 Hz)	kW	184	104
Installed heating capacity	kW	59	51
Adjustable barrel heating zones	pc.	7	7
Hotrunner thermocouple type K		Yes	Yes
<b>Options:</b>			
Increased injec. rate with accumulator (ZE 70.21)	cm³/s	1732	not foreseen
Sockets type Schuko at OS, 220 V, 16 A	pc.	4	4

Dimension and weights	
Nettogewicht mit Schaltschrank	t
Length x Width x Height	m