

Machines that **WIN** your trust



KL Series

Two Platen Injection Moulding Machines

BROADENING
HORIZONS

with italtech
PLASTICS TECHNOLOGY



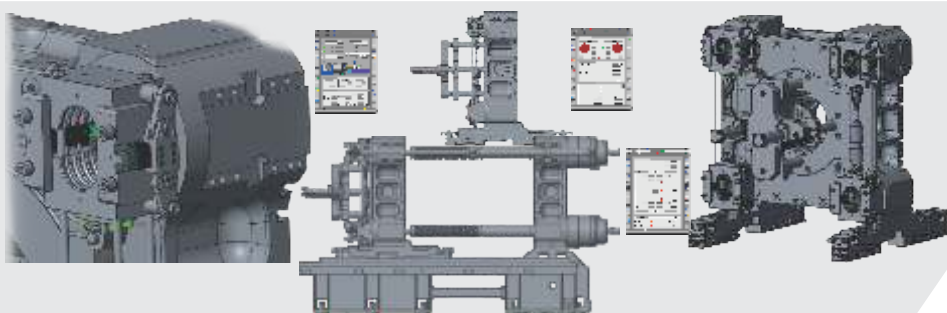
350 to 8000 Ton

Patented jaw clamping system

High Productivity and Energy Efficiency

Free and short tie bar

Advanced Control System



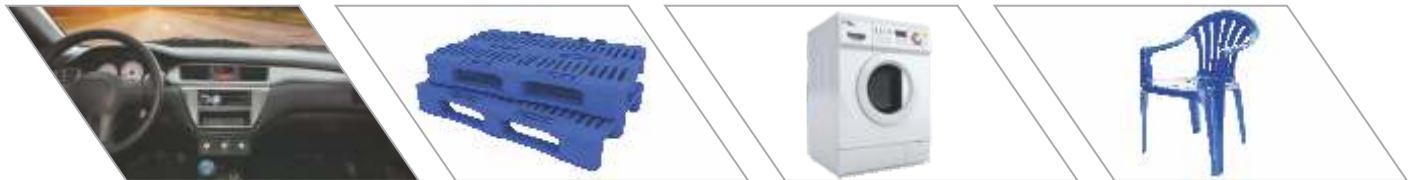
Machine Specifications

Parameters	Unit	KL 350			KL 450			KL 550			KL 650			KL 850			KL 1000			KL 1300		
Injection Unit		2275			3700			5700			7500			7500			10400			14000		
Screw Diameter	mm	60	70	80	70	80	90	80	90	100	90	100	110	90	100	110	100	110	120	110	120	130
Injection Pressure	bar	2514	1847	1414	2400	1838	1452	2520	1991	1613	2359	1911	1579	2359	1911	1579	2406	1988	1671	2444	2053	1750
Max. Injected Weight (GPPS)	gm	860	1169	1527	1462	1910	2417	2149	2720	3358	3022	3731	4514	3022	3731	4514	4104	4965	5909	5417	6447	7566
Injection Rate	cc/s	304	414	540	436	570	721	416	526	649	507	626	758	507	626	758	663	803	955	653	777	912
Plasticising Rate (GPPS) @ Max. Speed	g/s	70	80	95	88	115	154	95	114	140	114	140	160	114	140	160	140	160	180	160	180	200
Clamping Force	ton	350			450			550			650			850			1000			1300		
Mould Opening Stroke	mm	1350			1450			1750			1800			1900			1950			2300		
Mould Height (Min. ~ Max.)	mm	350 ~ 850			350 ~ 900			350 ~ 950			400 ~ 1050			500 ~ 1200			600 ~ 1300			700 ~ 1400		
Distance Between Platens - Max.	mm	1700			1800			2100			2200			2400			2550			3000		
Distance Between Tiebars (H x V)	mm	810 x 810			920 x 830			1000 x 900			1100 x 1050			1400 x 1100			1550 x 1250			1680 x 1330		
Clamping Platens (H x V)	mm	1140 x 1180			1325 x 1250			1350 x 1290			1550 x 1500			1840 x 1630			2020 x 1820			2140 x 1915		
Ejector Force	kN	125			125			125			125			275			275			275		
Ejector Stroke	mm	250			250			250			250			300			300			300		
Pump Drive (Servo)	kW	17			33.9			33.9			33.9			35.7			48.9			48.9		

Windsor Machines Ltd. reserves right to change specifications without prior notice.

Machine Features

- High performance two platen clamp design
- Innovative tie bar regulation mechanism
- Enhanced mould life and machine reliability
- Less energy consumption by upto 60% due to advanced servo system
- Larger mould weight carrying capacity
- Lesser dry cycle time
- Smaller footprint



#Machine shown overleaf is loaded with optional features, actual machine comes with standard features only.



WINDSOR
Partner in Progress

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