

Machines that **WIN** your trust



WINNING SOLUTION FOR
PRODUCTIVE PERFORMANCE



50 to 350 Ton

WINPACK Series
Toggle Injection Moulding Machines

#ACTUAL MACHINE MAY DIFFER FROM IMAGE SHOWN

Machine Features

- Robust and Reliable five point twin toggle mechanism
- Energy efficient VDP system
- Accumulator assisted Injection
- Closed loop Injection and back pressure control with high Injection rate
- Sub-Flighted screw for better melt homogeneity
- Sturdy clamp platens to withstand high Injection pressure
- Ejector on fly
- Advanced control system
- Highly efficient plate type oil cooler
- Quick response
- Low dry cycle time
- Low noise and vibration



Thin Wall Packaging

Cutlery Items

Cutlery Items

Caps & Closures

Drippers

Machine Specifications

Parameters	Unit	WINPACK 50			WINPACK 75			WINPACK 100			WINPACK 125			WINPACK 150/460		
Injection Unit		200			200			295			545			545		
Screw Diameter	mm	28	32	36	28	32	36	32	36	40	40	45	50	40	45	50
Injection Pressure	bar	2344	1795	1420	2344	1795	1420	2295	1815	1470	2430	1920	1555	2430	1920	1555
Max. Injected Weight (GPPS)	g	82	107	136	82	107	136	123	155	191	227	285	356	227	285	356
Injection Rate	cc/s	277	362	458	277	362	458	362	458	566	566	716	885	566	716	885
Injection Speed	mm/s	450			450			450			450			450		
Plasticising Rate (GPPS) @ Max. Speed	g/s	11	14	17	11	14	17	13	17	21	29	36	44	29	36	44
Nozzle Protrusion	mm	30			30			45			45			45		
Clamping Force	ton	50			75			100			125			150		
Mould Opening Stroke	mm	250			300			350			375			375		
Mould Height (Min. ~ Max.)	mm	160 ~ 350			160 ~ 410			180 ~ 410			180 ~ 450			180 ~ 450		
Distance Between Tiebars (H x V)	mm	310 x 310			360 x 360			410 x 410			460 x 460			460 x 460		
Clamping Platens (H x V)	mm	455 x 455			530 x 530			610 x 610			670 x 670			670 x 670		
Ejector Force / Stroke	kN / mm	33 / 90			41 / 100			51 / 130			51 / 140			51 / 140		
Pump Drive	kW	15			15			18.5			30			30		
Connected Load	kW	21	22.8	23.5	21	22.8	23.5	29.3			45.8			45.8		
Machine Dimensions (L x W x H)	m	4.3 x 1.3 x 2.0			4.5 x 1.3 x 2.1			5.0 x 1.4 x 2.2			5.2 x 1.4 x 2.2			5.2 x 1.4 x 2.2		

Parameters	Unit	WINPACK 150/510			WINPACK 180			WINPACK 220			WINPACK 260			WINPACK 350		
Injection Unit		705			705			950			1480			2275		
Screw Diameter	mm	45	50	60	45	50	60	45	50	60	56	60	70	70	80	90
Injection Pressure	bar	2160	1750	1215	2160	1750	1215	2490	2172	1500	2156	1875	1380	1850	1415	1115
Max. Injected Weight (GPPS)	g	302	373	536	302	373	536	363	448	645	655	751	1023	1169	1527	1933
Injection Rate	cc/s	716	885	1271	716	885	1271	716	885	1271	739	847	1155	1155	1509	1910
Injection Speed	mm/s	450			450			450			300			300		
Plasticising Rate (GPPS) @ Max. Speed	g/s	40	54	69	40	54	69	40	54	69	52	56	64	64	76	88
Nozzle Protrusion	mm	65			65			65			65			65		
Clamping Force	ton	150			180			220			260			350		
Mould Opening Stroke	mm	430			430			510			510			610		
Mould Height (Min. ~ Max.)	mm	200 ~ 500			200 ~ 500			230 ~ 580			230 ~ 580			300 ~ 650		
Distance Between Tiebars (H x V)	mm	510 x 510			510 x 510			578 x 578			560 x 560			710 x 710		
Clamping Platens (H x V)	mm	750 x 750			750 x 750			840 x 840			840 x 840			1030 x 1030		
Ejector Force / Stroke	kN / mm	51 / 150			51 / 150			65 / 180			65 / 180			80 / 200		
Pump Drive	kW	30			30			30			37			45		
Connected Load	kW	47.3			47.3			47.3			61.5			76.3		
Machine Dimensions (L x W x H)	m	6.0 x 1.6 x 2.2			6.0 x 1.6 x 2.2			6.3 x 1.9 x 2.3			6.5 x 1.9 x 2.6			7.7 x 2.1 x 2.7		

#SPECIFICATIONS ARE SUBJECT TO CHANGE ON ACCOUNT OF TECHNICAL DEVELOPMENTS # WE RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT ANY PRIOR NOTIFICATION



WINDSOR
Partner in Progress

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