

Since 2000



Passionate for Excellence

AXION PET SERIES

High-Speed Hydromechanical Injection Moulding Machine



INJECTION MOULDING MACHINE

MODEL	UNIT	AXION 110 PET	AXION 130 PET	AXION 160 PET	AXION 200 PET
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INJECTION UNIT

Screw Diameter	mm	40/45	45/50	50/55	55/60
Screw L/D Ratio	mm	24/24	24/24	24/24	24/24
Theoretical Displacement	cc	187/236	290/360	403/480	566/678
Injection Shot Capacity PET	gms.	220/283	330/420	450/550	660/790
Injection Screw Stroke	mm	150	185	205	240
Injection Rate	cc/sec	160/185	180/203	225/250	275/310
Injection Pressure Max.	bar	1200/1246	1290/1250	1250/1250	1250/1260
Screw Speed	rpm	200	225	200	180

CLAMPING UNIT

Mould Clamping Force	Ton	110	130	160	200
Mould Clamping Stroke	mm	350	380	440	490
Mould Platen Size, HXV	mm	640x640	670x670	700x700	750x750
Dist Bet. Tie Bars HXV	mm	410x410	435x435	470x470	520x520
Mould Thickness (min.)	mm	150	150	160	200
Mould Thickness (max.)	mm	450	450	510	550
Maximum Daylight	mm	800	830	950	1040
Ejector Stroke	mm	100	130	130	175
Ejector Force	ton	3.5	3.5	4	6

ELECTRIC DEVICES

Pump Motor Power	kw/hp	18/24	18/24	22/29.5	28/37
Heater	kw	10.6	15	16.5	20
Heating Section	zone	5	5	5	5
Total	kw	28.6	33	38.5	48

GENERAL

Oil Tank Cubage	Ltr.	250	250	250	350
Machine Dimension (LxWxH)	Mtr.	4.5x1.5x1.7	5x1.5x2	5.8x1.7x2	6.7x2x2.5
Machine Weight (Appr.)	Ton	4.5	5	6.5	7.5

*Specification are Subject to Change Without Prior Notice.

BOSS AUTOMATION

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