

Since 2000



Passionate for Excellence

AXION SERIES

High-Speed Hydromechanical Injection Moulding Machine



INJECTION MOULDING MACHINE

MODEL	UNIT	AXION-110	AXION-130	AXION-160	AXION-200
INJECTION UNIT		300	455	600	870
Screw Diameter	mm	35/40/45	35/40/45	40/45/50	45/50/55
Screw L/D Ratio	mm	23/20/18	23/20/18	25/22/20	24.4/22/20
Theoretical Displacement	cc	143/187/236	178/232/294	258/326/403	380/470/570
Shot Weight (GPPS)	g	137/179/227	169/221/280	245/326/403	360/448/540
Injection Screw Stroke	mm	150	185	205	240
Injection Rate	cc/sec	93/110/138	96/126/159	113/143/177	144/178/215
Injection Pressure	bar	2500/1900/1500	2570/1960/1550	2300/1850/1500	2270/1850/1520
Screw Speed	rpm	300	260	230	240

CLAMPING UNIT

Mould Clamping Force	Ton	110	130	160	200
Mould Clamping Stroke	mm	350	380	440	490
Mould Platen Size	mm	640 x 640	670 x 670	700 x 700	750 x 750
Distance Between Tie Bar	mm	410 x 410	435 x 435	470 x 470	520 x 520
Min. Mould Height	mm	150	150	160	200
Max. Mould Height	mm	450	450	510	550
Max. Day Light	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	28/37
Heater	kw	6	8.5	10.2	14
Heating Section	zone	4	5	5	5
Total	kw	24	26.5	32.2	42

GENERAL

Machine Size (LxWxH)	Mtr.	4.5 x 1.5 x 1.7	5 x 1.5 x 2	5.8 x 1.7 x 2	6.7 x 2 x 2.5
Machine Weight (Appr.)	Ton	4.5	5	6.5	7.5
Oil Tank Capacity	Ltr.	250	250	250	350

*Specification are Subject to Change Without Prior Notice.

BOSS AUTOMATION

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