



# CALYPSO

## Calypso Injection Molding Machines MODEL: AX135

Injection Unit:	Measuring Unit	Model		
<b>DESCRIPTION:</b>	UNIT	AX120 / AX135		
		A	B	C
Screw Diameter:	in	1.38	1.50	1.65
	mm	35	38	42
Screw Ratio:	L/D	22	20.2	18.4
Theoretical Injection Capacity	cu in	10.07	12.02	14.52
	cm <sup>3</sup>	165	197	238
Shot Weight (PS)	oz	5.25	6.27	7.60
	g	150	179	217
Injection Rate	g/s	89	105	128
Injection Pressure	psi	31,755	26,970	22,040
	MPa	219	186	152
Screw Speed	rpm	0-210		

Clamping Unit:	Measuring Unit	Model
Clamping Force	US ton	135
	kN	1200
Opening Stroke	in	13.78
	mm	350
Space Between Tie Bar	in x in	14.96 x 14.96
	mm x mm	380 x 380
Platen Size	in x in	23.03 x 23.03
	mm x mm	585 x 585
Min. Mold Height	in	6.10
	mm	155
Max. Mold Height	in	15.75
	mm	400
Max. Daylight	in	29.53
	mm	750
Ejector Stroke	in	3.94
	mm	100
Ejector Force	US Ton	4
	kN	38
Number of Ejector Bar(s)		5

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Other Machine Information:	Measuring Unit	Model
Max. Pump Pressure	PSI	2,320
	MPa	16
Servo Motor Power	hp	16.09
	kW	12
Heater Power	hp	9.99
	kW	7.45
Oil Tank Capacity	US gal	50.16
	L	190
Machine Dimensions (LxWxH)	ft x ft x ft	14.17 x 4.16 x 6.23
	m x m x m	4.32 x 1.27 x 1.9
Machine Weight	Lbs	7,494
	Ton	3.4

### Platen Drawing

