



# CALYPSO

## Calypso Injection Molding Machines MODEL: AX635

Injection Unit:	Measuring Unit	Model		
<b>DESCRIPTION:</b>	UNIT	AX568 / AX635		
		A	B	C
Screw Diameter:	in	3.15	3.35	3.54
	mm	80	85	90
Screw Ratio:	L/D	22.3	21	19.8
Theoretical Injection Capacity	cu in	134.81	152.38	170.80
	cm <sup>3</sup>	2210	2498	2800
Shot Weight (PS)	oz	70.39	79.56	89.18
	g	2011	2273	2548
Injection Rate	g/s	426	480	538
Injection Pressure	psi	26,680	23,635	21,025
	MPa	184	163	145
Screw Speed	rpm	0-160		

Clamping Unit:	Measuring Unit	Model
Clamping Force	US ton	638
	kN	5680
Opening Stroke	in	32.28
	mm	820
Space Between Tie Bar	in x in	32.68 x 32.68
	mm x mm	830 x 830
Platen Size	in x in	48.82 x 48.82
	mm x mm	1240 x 1240
Min. Mold Height	in	13.78
	mm	350
Max. Mold Height	in	33.46
	mm	850
Max. Daylight	in	65.75
	mm	1670
Ejector Stroke	in	9.06
	mm	230
Ejector Force	US Ton	17
	kN	150
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	41.57 + 41.57
	kW	31 + 31
Heater Power	hp	46.26
	kW	34.5
Oil Tank Capacity	US gal	264
	L	1000
Machine Dimensions (LxWxH)	ft x ft x ft	30.27 x 7.22 x 8.86
	m x m x m	9.23 x 2.2 x 2.7
Machine Weight	Lbs	48,488
	Ton	22

### Platen Drawing

