



# CALYPSO

## Calypso Injection Molding Machines

MODEL: AX885

Injection Unit:	Measuring Unit	Model			
DESCRIPTION:	UNIT	AX788 / AX885			
		A	B	C	D
Screw Diameter:	in	3.54	3.74	4.13	4.33
	mm	90	95	105	110
Screw Ratio:	L/D	23.2	22	19.8	19
Theoretical Injection Capacity	cu in	182.39	203.19	248.27	272.43
	cm <sup>3</sup>	2990	3331	4070	4466
Shot Weight (PS)	oz	95.24	106.12	129.61	142.24
	g	2721	3032	3703	4064
Injection Rate	g/s	574	640	781	858
Injection Pressure	psi	28,275	25,375	20,735	18,850
	MPa	195	175	143	130
Screw Speed	rpm	0-110			

Clamping Unit:	Measuring Unit	Model
Clamping Force	US ton	886
	kN	7880
Opening Stroke	in	38.58
	mm	980
Space Between Tie Bar	in x in	38.58 x 38.58
	mm x mm	980 x 980
Platen Size	in x in	55.12 x 55.12
	mm x mm	1310 x 1310
Min. Mold Height	in	15.75
	mm	400
Max. Mold Height	in	37.80
	mm	960
Max. Daylight	in	76.38
	mm	1940
Ejector Stroke	in	11.02
	mm	280
Ejector Force	US Ton	24
	kN	210
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	59 + 41.57
	kW	44 + 31
Heater Power	hp	72.82
	kW	54.3
Oil Tank Capacity	US gal	316.8
	L	1200
Machine Dimensions (LxWxH)	ft x ft x ft	37.49 x 7.87 x 10.3
	m x m x m	11.43 x 2.4 x 3.14
Machine Weight	Lbs	91,466
	Ton	41.5

## Platen Drawing

