

Specification



JU55000V-93500

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU55000V
Clamping Force	kN	55000
	US Tons	6182
Mold Opening Stroke (Min/Max)	mm	4700/3500
	in.	185.04/137.8
Minimum Mold Height	mm	1300
	in.	51.18
Maximum Mold Height	mm	2500
	in.	98.43
Maximum Daylight	mm	6000
	in.	236.22
Distance Between Tie-Bars (HXV)	mm	2600×2600
	in.	102.36×102.36
Platen Dimensions (HXV)	mm	3350×3550
	in.	131.89×139.76
Ejector Stroke	mm	600
	in.	23.62
Ejector Force	kN	800
	US Tons	90
Maximum Mold Weight*	t	130
	lbs.	286601

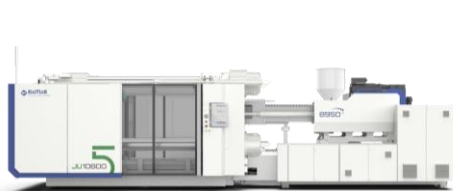
Specification



JU55000V-93500

JUPITER 5 Series: Two-Platen Servo-Hydraulic

Injection Unit		93500
Screw & Barrel Designation		B
Screw Diameter	mm	240
	in.	9.45
Screw L/D Ratio	L/D	23
Injection Volume (theoretical)	cm ³	60167
	cu.in.	3671.62
Injection Weight (PS)	g	54752
	oz.	1931.32
Injection Rate (PS)	g/s	3188
	oz./s	112.45
Injection Pressure	MPa	141
	psi	20450
Injection Pressure (max)*	MPa	155
	psi	22481
Plasticizing Rate (GPPS)	g/s	\
	oz./s	\
Plasticizing Rate (HDPE)	g/s	470
	oz./s	16.58
Screw Speed	rpm	50



Specification



JU55000V-93500

JUPITER 5 Series: Two-Platen Servo-Hydraulic

Other		
Pump Motor Power	kW	360
Heater Power	kW	297
Machine Dimension (LxWxH)	m	21.46x6.89x6.28
	in.	845x271x247
Machine Weight	t	365
	lbs.	804687
Hopper Capacity	kg	600
	lbs.	1323
Oil Tank	l	3150
	gal	832

***NOTE:**

1. Injection Pressure (max) uses the machine's regeneration oil circuit to increase the injection pressure. This function will reduce injection control and repeatability. The standard "Injection Pressure" specification is the maximum injection pressure in a normal operating mode.
2. Moving platen max mold weight is 2/3 of total max mold weight.
3. Electric screw drive (screw rotate) is standard for injection units under 11500. For injection units 11500 and above electric screw drive is optional.
4. Machine dimensions and weights are based on the international standard configuration and are for reference only. Any options or country specific requirements will affect this. Contact Absolute Haitian service department for machine specific information.
5. Power requirements are based on the international standard configuration and are for reference only. Any options or country specific requirements will affect this. Contact Absolute Haitian service department for machine specific information.