

Specification



JU88000V-202500

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU88000V
Clamping Force	kN	88000
	US Tons	9892
Mold Opening Stroke (Min/Max)	mm	5300/3500
	in.	208.66/137.8
Minimum Mold Height	mm	1700
	in.	66.93
Maximum Mold Height	mm	3500
	in.	137.8
Maximum Daylight	mm	7000
	in.	275.59
Distance Between Tie-Bars (HXV)	mm	3400×2820
	in.	133.86×111.02
Platen Dimensions (HXV)	mm	Request
	in.	Request
Ejector Stroke	mm	1000
	in.	39.37
Ejector Force	kN	1000
	US Tons	112
Maximum Mold Weight*	t	180
	lbs.	396832

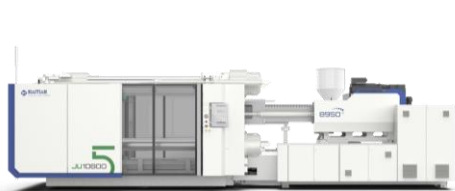
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Injection Unit		202500
Screw & Barrel Designation		B
Screw Diameter	mm	300
	in.	11.81
Screw L/D Ratio	L/D	24
Injection Volume (theoretical)	cm ³	134303
	cu.in.	8195.67
Injection Weight (PS)	g	122215
	oz.	4311.01
Injection Rate (PS)	g/s	3541
	oz./s	124.91
Injection Pressure	MPa	Request
	psi	Request
Injection Pressure (max)*	MPa	158
	psi	22916
Plasticizing Rate (GPPS)	g/s	\
	oz./s	\
Plasticizing Rate (HDPE)	g/s	485
	oz./s	17.11
Screw Speed	rpm	28



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Other		
Pump Motor Power	kW	450
Heater Power	kW	480
Machine Dimension (LxWxH)	m	28x9.5x6.8
	in.	1102x374x268
Machine Weight	t	610
	lbs.	1344820
Hopper Capacity	kg	600
	lbs.	1323
Oil Tank	l	5500
	gal	1453

***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.