

Specification



JU55000V-106500

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 |

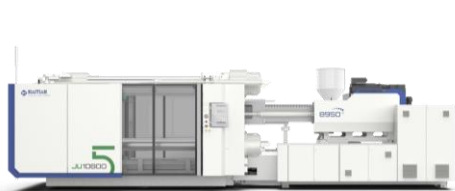
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| Injection Unit | | 106500 |
|--------------------------------|-----------------|---------|
| Screw & Barrel Designation | | B |
| Screw Diameter | mm | 260 |
| | in. | 10.24 |
| Screw L/D Ratio | L/D | 23 |
| Injection Volume (theoretical) | cm ³ | 80170 |
| | cu.in. | 4892.27 |
| Injection Weight (PS) | g | 72954 |
| | oz. | 2573.38 |
| Injection Rate (PS) | g/s | 3741 |
| | oz./s | 131.96 |
| Injection Pressure | MPa | 120 |
| | psi | 17405 |
| Injection Pressure (max)* | MPa | 132 |
| | psi | 19145 |
| Plasticizing Rate (GPPS) | g/s | \ |
| | oz./s | \ |
| Plasticizing Rate (HDPE) | g/s | 500 |
| | oz./s | 17.64 |
| Screw Speed | rpm | 42 |



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| Other | | |
|---------------------------|------|-----------------|
| Pump Motor Power | kW | 360 |
| Heater Power | kW | 321 |
| Machine Dimension (LxWxH) | m | 22.01x6.89x6.28 |
| | in. | 867x271x247 |
| Machine Weight | t | 370 |
| | lbs. | 815710 |
| 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.