



**LOG INJECTION MOLDING MACHINE**  
**MODEL: LOG S8-2800**

| INJECTION UNIT            |                 | MEASURE UNIT      |       |       |       |
|---------------------------|-----------------|-------------------|-------|-------|-------|
| DESCRIPTION               | UNIT            | LOG 2800          |       |       |       |
|                           |                 | A                 | B     | C     | D     |
| Shot volume               | cm <sup>3</sup> | 32872             | 36424 | 40157 | 44073 |
| Shot weight (PS)          | g               | 29914             | 33145 | 36543 | 40106 |
|                           | oz              | 1044              | 1156  | 1275  | 1400  |
| Screw diameter            | mm              | 190               | 200   | 210   | 220   |
| Injection pressure        | MPa             | 167               | 151   | 137   | 125   |
| Screw L:D ratio           |                 | 23.2:1            | 22:01 | 21:01 | 20:01 |
| Screw speed               | r/min           | 0-60              |       |       |       |
| CLAMPING UNIT             |                 | MEASURE UNIT      |       |       |       |
| Clamping force            | kN              | 28000             |       |       |       |
| Opening stroke            | mm              | 2050              |       |       |       |
| Platen size               | mm x mm         | 2800 x 2450       |       |       |       |
| Space between tie bars    | mm x mm         | 2000 x 1750       |       |       |       |
| Mold thickness (Min--Max) | mm              | 750 - 1900        |       |       |       |
| Hydraulic ejection stroke | mm              | 470               |       |       |       |
| Hydraulic ejection force  | kN              | 554               |       |       |       |
| POWER UNIT                |                 | MEASURE UNIT      |       |       |       |
| Hydraulic system pressure | MPa             | 16                |       |       |       |
| Pump motor                | kW              | 44 x 5            |       |       |       |
| Heating capacity          | kW              | 186               |       |       |       |
| Temperature control zones |                 | 7+ (nozzle)       |       |       |       |
| OTHER MACHINE INFORMATION |                 | MEASURE UNIT      |       |       |       |
| Dry-cycle time            | sec             | 25                |       |       |       |
| Oil tank capacity         | L               | 4500              |       |       |       |
| Machine dimensions        | m x m x m       | 19.2 x 4.12 x 5.5 |       |       |       |
| Machine weight            | kg              | 195000            |       |       |       |

Please consult our sales representative or LOG-IMM before designing a mold.  
 All specifications are based on theoretical conditions and subject to change without notice.  
 Actual plasticizing capacity may vary depending on the molding conditions and material used.