



**LOG INJECTION MOLDING MACHINE**  
**MODEL: LOG A8-320**

| INJECTION UNIT            |                    | MEASURE UNIT      |       |        |
|---------------------------|--------------------|-------------------|-------|--------|
| DESCRIPTION               | UNIT               | LOG 320           |       |        |
|                           |                    | A                 | B     | C      |
| Shot volume               | cm <sup>3</sup>    | 1062              | 1231  | 1414   |
| Shot weight (PS)          | g                  | 966               | 1120  | 1286   |
|                           | oz                 | 34                | 39    | 45     |
| Max injection rate        | cm <sup>3</sup> /s | 313               | 362   | 416    |
| Screw diameter            | mm                 | 65                | 70    | 75     |
| Plasticizing rate         | kg/h               | 170               | 210   | 240    |
| Injection pressure        | MPa                | 175               | 152   | 133    |
| Screw L:D ratio           |                    | 22:01             | 22:01 | 19.6:1 |
| Screw speed               | r/min              | 0~170             |       |        |
| CLAMPING UNIT             |                    | MEASURE UNIT      |       |        |
| Clamping force            | kN                 | 3200              |       |        |
| Opening stroke            | mm                 | 615               |       |        |
| Platen size               | mm x mm            | 945 x 945         |       |        |
| Space between tie bars    | mm x mm            | 660 x 660         |       |        |
| Mold thickness (Min--Max) | mm                 | 250 - 670         |       |        |
| Template maximum distance | mm                 | 1285              |       |        |
| Hydraulic ejection stroke | mm                 | 160               |       |        |
| Hydraulic ejection force  | kN                 | 77                |       |        |
| POWER UNIT                |                    | MEASURE UNIT      |       |        |
| Hydraulic system pressure | MPa                | 17.5              |       |        |
| Pump motor                | kW                 | 30                |       |        |
| Heating capacity          | kW                 | 21.5              |       |        |
| Temperature control zones |                    | 5+ (nozzle)       |       |        |
| OTHER MACHINE INFORMATION |                    | MEASURE UNIT      |       |        |
| Dry-cycle time            | sec                | 5                 |       |        |
| Oil tank capacity         | L                  | 500               |       |        |
| Machine dimensions        | m x m x m          | 6.8 x 1.63 x 2.25 |       |        |
| Machine weight            | kg                 | 12500             |       |        |

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.