



LOG INJECTION MOLDING MACHINE
MODEL: LOG A8-900

| INJECTION UNIT | | MEASURE UNIT | | | |
|---------------------------|--------------------|----------------|-------|-------|--------|
| DESCRIPTION | UNIT | LOG 900 | | | |
| | | A | B | C | D |
| Shot volume | cm ³ | 3179 | 3925 | 4750 | 5652 |
| Shot weight (PS) | g | 2893 | 3571 | 4321 | 5143 |
| | oz | 103 | 127 | 153 | 182 |
| Max injection rate | cm ³ /s | 540 | 666 | 806 | 960 |
| Screw diameter | mm | 90 | 100 | 110 | 120 |
| Plasticizing rate | kg/h | 291 | 378 | 503 | 600 |
| Injection pressure | MPa | 227 | 184 | 152 | 128 |
| Screw L:D ratio | | 22:01 | 22:01 | 20:01 | 18.3:1 |
| Screw speed | r/min | 0~120 | | | |
| CLAMPING UNIT | | MEASURE UNIT | | | |
| Clamping force | kN | 9000 | | | |
| Opening stroke | mm | 1050 | | | |
| Platen size | mm x mm | 1530 x 1530 | | | |
| Space between tie bars | mm x mm | 1080 x 1030 | | | |
| Mold thickness (Min--Max) | mm | 400 - 1100 | | | |
| Hydraulic ejection stroke | mm | 300 | | | |
| Hydraulic ejection force | kN | 270 | | | |
| POWER UNIT | | MEASURE UNIT | | | |
| Hydraulic system pressure | MPa | 17.5 | | | |
| Pump motor | kW | 37+37 | | | |
| Heating capacity | kW | 58.45 | | | |
| Temperature control zones | | 6+ (nozzle) | | | |
| OTHER MACHINE INFORMATION | | MEASURE UNIT | | | |
| Dry-cycle time | sec | 8 | | | |
| Oil tank capacity | L | 1900 | | | |
| Machine dimensions | m x m x m | 11 x 2.4 x 3.1 | | | |
| Machine weight | kg | 48000 | | | |

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.