



## LOG 210S8\*

| Description                      |              | Unit of Measurement | Specifications     |          |          |
|----------------------------------|--------------|---------------------|--------------------|----------|----------|
| <b>INJECTION UNIT</b>            |              |                     | <b>A</b>           | <b>B</b> | <b>C</b> |
| Shot volume                      |              | cm <sup>3</sup>     | 381                | 470      | 569      |
| Shot weight (PS)                 |              | g                   | 347                | 429      | 520      |
|                                  |              | oz                  | 12.1               | 15.0     | 18.1     |
| Injection                        | Maximum rate | cm <sup>3</sup> /s  | 133                | 165      | 200      |
|                                  | Pressure     | MPa                 | 217                | 176      | 145      |
| Plasticizing rate                |              | kg/h                | 82                 | 117      | 141      |
| Screw                            | Diameter     | mm                  | 45                 | 50       | 55       |
|                                  | L:D ratio    |                     | 22.0:1             | 20.0:1   | 18.0:1   |
|                                  | Stroke       | mm                  | 240                |          |          |
|                                  | Speed        | RPM                 | 0 – 200            |          |          |
| <b>CLAMPING UNIT</b>             |              |                     |                    |          |          |
| Clamping force                   |              | kN                  | 2100               |          |          |
| Opening stroke                   |              | mm                  | 320                |          |          |
| Platen size                      |              | mm x mm             | 745 x 745          |          |          |
| Space between tie bars           |              | mm x mm             | 510 x 510          |          |          |
| Mold thickness (Min – Max)       |              | mm                  | 200 – 550          |          |          |
| Template maximum distance        |              | mm                  | 1030               |          |          |
| Hydraulic ejection               | Stroke       | mm                  | 150                |          |          |
|                                  | Force        | kN                  | 67                 |          |          |
| <b>POWER UNIT</b>                |              |                     |                    |          |          |
| Oil tank capacity                |              | L                   | 310                |          |          |
| Hydraulic system pressure        |              | MPa                 | 17.5               |          |          |
| Pump motor (VDP / Servo)         |              | kW                  | 18.5 / 29.0        |          |          |
| Heating capacity                 |              | kW                  | 14.80              |          |          |
| Temperature control zones        |              |                     | 4+ (nozzles)       |          |          |
| <b>OTHER MACHINE INFORMATION</b> |              |                     |                    |          |          |
| Dry-cycle time                   |              | sec                 | 4.5                |          |          |
| Machine dimensions               |              | m x m x m           | 5.40 x 1.32 x 2.10 |          |          |
| Machine weight                   |              | kg                  | 6500               |          |          |

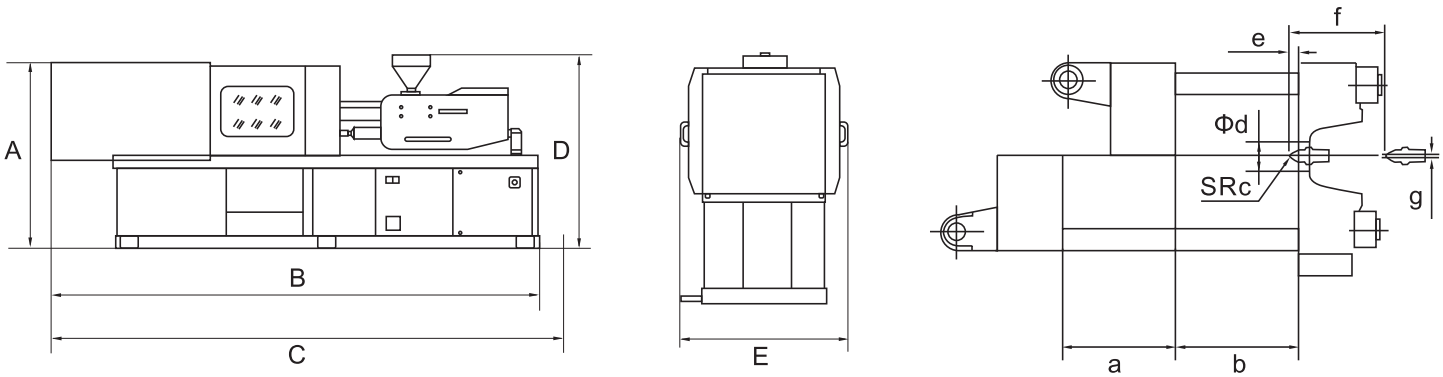
\*The tonnage shown in the model number is in metric tons, equivalent to approximately 1.1 US tons. Please note when selecting a machine for your application. Please consult our sales representative or LOG-IMM before designing a mold.  
All specifications are based on theoretical conditions and subject to change without notice.  
Actual plasticizing capacity may vary depending on the molding conditions and material used.

### LOG Injection Molding Machine

9120 Centerlinks Commerce Dr. Unit 4 | Fort Myers, FL 33912 | (239) 219-1800 | [www.log-imm.com](http://www.log-imm.com) | [sales@log-imm.com](mailto:sales@log-imm.com)

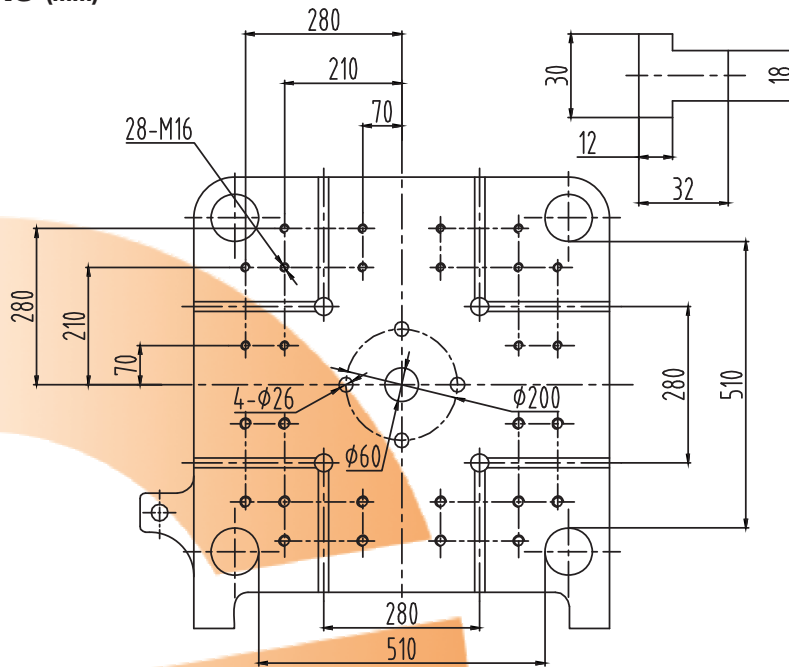


## Machine Dimensions (mm)



| A    | B    | C    | D    | E    | a   | b       | c  | d     | e  | f   | g   |
|------|------|------|------|------|-----|---------|----|-------|----|-----|-----|
| 1800 | 5250 | 5400 | 2030 | 1320 | 480 | 200-550 | 10 | 120H8 | 30 | 325 | 3.5 |

## Platen Dimensions (mm)



## Major Component Brands



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