



| Parameter Classification | Parameter                                                                                                                                                                                                                                                                                                                                                                                                                                  | Unit            | A     | B             | C     |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|---------------|-------|
| INJECTION UNIT           | Shotvolume                                                                                                                                                                                                                                                                                                                                                                                                                                 | cm <sup>3</sup> | 163.6 | 246.9         | 307.6 |
|                          | Shotweight(PS)                                                                                                                                                                                                                                                                                                                                                                                                                             | g               | 150.5 | 227.1         | 283   |
|                          | Shotweight(PS)                                                                                                                                                                                                                                                                                                                                                                                                                             | oz              | 5.3   | 8             | 10    |
|                          | Screw diameter                                                                                                                                                                                                                                                                                                                                                                                                                             | mm              | 35    | 43            | 48    |
|                          | Injection pressure                                                                                                                                                                                                                                                                                                                                                                                                                         | MPa             | 257.1 | 170.4         | 136.7 |
|                          | Injection rate                                                                                                                                                                                                                                                                                                                                                                                                                             | g/s             | 89.8  | 135.5         | 168.8 |
|                          | Screw L:Dratio                                                                                                                                                                                                                                                                                                                                                                                                                             | L/D             | 24:1  | 20:1          | 20:1  |
|                          | Plasticizing capacity                                                                                                                                                                                                                                                                                                                                                                                                                      | g/s             | 16.8  | 25.2          | 30.8  |
|                          | Max. injection speed                                                                                                                                                                                                                                                                                                                                                                                                                       | mm/s            |       | 101.4         |       |
|                          | Screw stroke                                                                                                                                                                                                                                                                                                                                                                                                                               | mm              |       | 170           |       |
|                          | Screw speed(stainless)                                                                                                                                                                                                                                                                                                                                                                                                                     | r/min           |       | 0-233         |       |
|                          | Clamping force                                                                                                                                                                                                                                                                                                                                                                                                                             | kN              |       | 1200          |       |
| CLAMPING UNIT            | Opening stroke                                                                                                                                                                                                                                                                                                                                                                                                                             | mm              |       | 360           |       |
|                          | Space between tiebars                                                                                                                                                                                                                                                                                                                                                                                                                      | mm×mm           |       | 415×375       |       |
|                          | Max. Daylight                                                                                                                                                                                                                                                                                                                                                                                                                              | mm              |       | 760           |       |
|                          | Mold thickness(Min.Max)                                                                                                                                                                                                                                                                                                                                                                                                                    | mm              |       | 145-400       |       |
|                          | Ejector stroke                                                                                                                                                                                                                                                                                                                                                                                                                             | mm              |       | 120           |       |
|                          | Ejector number                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |       | 5             |       |
|                          | Ejector force                                                                                                                                                                                                                                                                                                                                                                                                                              | kN              |       | 42            |       |
|                          | Hydraulic system pressure                                                                                                                                                                                                                                                                                                                                                                                                                  | MPa             |       | 17.5          |       |
| POWER UNIT               | Pump motor power                                                                                                                                                                                                                                                                                                                                                                                                                           | kW              |       | 21.4          |       |
|                          | Heater power                                                                                                                                                                                                                                                                                                                                                                                                                               | kW              |       | 9/10.1        |       |
|                          | Number of temp control zones                                                                                                                                                                                                                                                                                                                                                                                                               |                 |       | 4             |       |
| GENERAL UNIT             | Dry cycle time                                                                                                                                                                                                                                                                                                                                                                                                                             | s               |       | 1.9           |       |
|                          | Oil tank capacity                                                                                                                                                                                                                                                                                                                                                                                                                          | L               |       | 146           |       |
|                          | Machined dimensions(L×W×H)                                                                                                                                                                                                                                                                                                                                                                                                                 | m×m×m           |       | 4.4×1.19×1.89 |       |
|                          | Design Weight                                                                                                                                                                                                                                                                                                                                                                                                                              | kg              |       | 3500          |       |
| Description              | Suitable Products:<br>- Daily household plastics: Thin-wall food containers, bottle caps, cosmetic jars, kitchen utensils, and storage boxes.<br>- Electronic components: Power strip housings, router casings, switch panels, and connector parts.<br>- Small auto plastic parts: Interior clips, small brackets, and dashboard accessories.<br>- General industrial parts: Plastic fittings, pipe connectors, and daily use plasticware. |                 |       |               |       |