

|                                    |                      | OS-260DC-DS          |       |       | OS-460DC-DS          |       |       | OS-660DC-DS          |       |       |
|------------------------------------|----------------------|----------------------|-------|-------|----------------------|-------|-------|----------------------|-------|-------|
| Clamping system                    |                      | Toggle               |       |       | Toggle               |       |       | Toggle               |       |       |
| Clamping force                     | ton                  | 260                  |       |       | 460                  |       |       | 660                  |       |       |
| Clamping stroke                    | mm                   | 550                  |       |       | 700                  |       |       | 900                  |       |       |
| Platen platen(H×V)                 | mm                   | 1090×850             |       |       | 1290×1145            |       |       | 1730×11320           |       |       |
| Distance between tie bars(H×V)     | mm                   | 810×580              |       |       | 910×760              |       |       | 1310×910             |       |       |
| Mould thickness                    | mm                   | 250~600              |       |       | 350~700              |       |       | 400~1100             |       |       |
| Max. daylight opening              | mm                   | 1150                 |       |       | 1400                 |       |       | 2000                 |       |       |
| Ejection stroke                    | mm                   | 75                   |       |       | 125                  |       |       | 175                  |       |       |
| Ejection force                     | ton                  | 3.4                  |       |       | 5.6                  |       |       | 9.2                  |       |       |
| Ejection system                    |                      | Hydraulic(5 points)  |       |       | Hydraulic(5 points)  |       |       | Hydraulic(5 points)  |       |       |
| Injection unit                     |                      |                      |       |       |                      |       |       |                      |       |       |
| Injection System                   |                      | 雙缸水平×2組              |       |       | 雙缸垂直×2組              |       |       | 雙缸垂直×2組              |       |       |
| Screw diameter                     | mm                   | 30                   | 36    | 42    | 40                   | 46    | 52    | 52                   | 60    | 67    |
| Injection stroke                   | mm                   | 144                  |       |       | 160                  |       |       | 200                  |       |       |
| Injection speed                    | mm/sec               | 130                  |       |       | 157                  |       |       | 125                  |       |       |
| Injection pressure                 | kg/cm <sup>2</sup>   | 2538                 | 1762  | 1295  | 2363                 | 1786  | 1398  | 2184                 | 1641  | 1316  |
| Theoretical shot volume            | cm <sup>3</sup>      | 101.7                | 146.5 | 199.4 | 231.1                | 305.6 | 390.6 | 496.7                | 661.3 | 824.6 |
| Shot weight(Polystyrene,PS)        | gr                   | 93.6                 | 134.8 | 183.5 | 212.6                | 281.2 | 359.3 | 457                  | 608.4 | 758.6 |
| Injection rate                     | cm <sup>3</sup> /sec | 92                   | 132   | 180   | 198                  | 261   | 334   | 267                  | 356   | 443   |
| Screw L/D ratio                    |                      | 19                   |       |       | 19                   |       |       | 19                   |       |       |
| Plasticizing capacity(Polystyrene) | kg/hr                | 46                   | 66    | 91    | 70                   | 93    | 119   | 104                  | 139   | 174   |
| Screw speed                        | r.p.m                | 267                  |       |       | 229                  |       |       | 200                  |       |       |
| Nozzle contact force               | ton                  | 3.7                  |       |       | 7.4                  |       |       | 15.4                 |       |       |
| Others                             |                      |                      |       |       |                      |       |       |                      |       |       |
| Screw driving system               |                      | Hydraulic motor      |       |       | Hydraulic motor      |       |       | Hydraulic motor      |       |       |
| No. of tempture control            |                      | Cylinder 3, Nozzle 1 |       |       | Cylinder 3, Nozzle 1 |       |       | Cylinder 3, Nozzle 1 |       |       |