

## Major Specifications

| ITEM                            |    | UNIT   | IS1300DG               |      | IS1600DF               |      | IS1600DFW              |      | IS1800DF               |      | IS2200DF               |  | IS2500DF               |  | IS3000DF               |       | IS3500DF               |       |
|---------------------------------|----|--------|------------------------|------|------------------------|------|------------------------|------|------------------------|------|------------------------|--|------------------------|--|------------------------|-------|------------------------|-------|
| Injection Unit Code             |    |        | i110                   |      | i150                   |      | i150                   |      | i150                   |      | i200                   |  | i200                   |  | i315                   |       | i315                   |       |
| Barrel Code                     |    |        | A                      | B    | A                      | B    | A                      | B    | A                      | B    | A                      |  | A                      |  | A                      | B     | A                      | B     |
| Screw Diameter                  |    | mm     | 115                    | 125  | 125                    | 140  | 125                    | 140  | 125                    | 140  | 140                    |  | 140                    |  | 160                    | 180   | 160                    | 180   |
| Shot Weight                     | PS | g      | 6040                   | 7130 | 7750                   | 9730 | 7750                   | 9730 | 7750                   | 9730 | 10890                  |  | 10890                  |  | 16260                  | 20590 | 16260                  | 20590 |
| Injection Pressure              |    | MPa    | 167                    | 141  | 171                    | 137  | 171                    | 137  | 171                    | 137  | 170                    |  | 170                    |  | 173                    | 137   | 173                    | 137   |
| Plasticizing Capacity (PS)      |    | kg/h   | 520                    | 580  | 590                    | 540  | 590                    | 540  | 590                    | 540  | 690                    |  | 690                    |  | 820                    | 730   | 820                    | 730   |
| Clamping Force                  |    | kN(tf) | 12800(1300)            |      | 15700(1600)            |      | 15700(1600)            |      | 17600(1800)            |      | 21500(2200)            |  | 24500(2500)            |  | 29400(3000)            |       | 34300(3500)            |       |
| Distance Between Tie Rods (H×V) |    | mm     | 1325×1280              |      | 1520×1265              |      | 1800×1500              |      | 1785×1485              |      | 1800×1600              |  | 1800×1600              |  | 1900×1800              |       | 1900×1800              |       |
| Clamp Stroke                    |    | mm     | max.1800<br>nomal 1300 |      | max.2400<br>nomal 1700 |      | max.2400<br>nomal 1700 |      | max.2400<br>nomal 1700 |      | max.2600<br>nomal 1800 |  | max.2600<br>nomal 1800 |  | max.2700<br>nomal 1800 |       | max.2700<br>nomal 1800 |       |
| Open Daylight (Max.)            |    | mm     | 2000~2500              |      | 2500~3200              |      | 2500~3200              |      | 2500~3200              |      | 2700~3500              |  | 2700~3500              |  | 2800~3700              |       | 2800~3700              |       |
| Motor for Pump                  |    | kW     | 45+45+45               |      | 45+45+45               |      | 45+45+45               |      | 45+45+45               |      | 45+45+45+37            |  | 45+45+45+37            |  | 55+55+55+37            |       | 55+55+55+37+37         |       |
| Machine Dimensions              |    | L      | 10.1                   | 10.2 | 11.7                   | 12.0 | 11.7                   | 12.0 | 11.7                   | 12.0 | 13.5                   |  | 13.5                   |  | 14.5                   | 15.0  | 15.4                   | 15.9  |
|                                 |    | W      | 3.1                    | 3.1  | 3.3                    | 3.3  | 3.7                    | 3.7  | 3.7                    | 3.7  | 4                      |  | 4                      |  | 4.3                    | 4.3   | 4.8                    | 4.8   |
|                                 |    | H      | 2.7                    | 2.7  | 2.9                    | 2.9  | 3.2                    | 3.2  | 3.2                    | 3.2  | 3.6                    |  | 3.6                    |  | 3.9                    | 3.9   | 4.1                    | 4.1   |

Note)

1. Due to continuous improvements, specifications are subject to change without notice.
2. 1MPa=10.2kgf/cm<sup>2</sup>, 1kN=102kgf, 1N=0.102Kgf