

| ITEM | | Unit | EC610SXIII | | |
|----------------------------|------------------------------|--------------------|------------------|-------|-------|
| CLAMP | Clamping Force | tf | 550 | | |
| | | US Ton | 606 | | |
| | Tie Bar Distance (HxV) | mm | 970 x 910 | | |
| | | in | 38.1 x 35.8 | | |
| | Platen Dimension (HxV) | mm | 1365 x 1300 | | |
| | | in | 53.7 x 51.2 | | |
| | Clamp Stroke | mm | 900 | | |
| | | in | 35.4 | | |
| | Maximum Daylight | mm | 1900 | | |
| | | in | 74.8 | | |
| | Mold Height (Min~Max) | mm | 400 ~ 1000 | | |
| | | in | 15.7 ~ 39.4 | | |
| | Ejector Force | tf | 13.0 | | |
| | | US Ton | 14.3 | | |
| Ejector Stroke | mm | 180 | | | |
| | in | 7.1 | | | |
| Injection Unit | | | i61 | | |
| Barrel Code | | | Y | AT | B |
| Screw Diameter | mm | 80 | 95 | 105 | |
| | in | 3.14 | 3.74 | 4.13 | |
| Injection Capacity | cm ³ | 2230 | 3150 | 3850 | |
| | in ³ | 136 | 192 | 235 | |
| Shot Volume | PS | g | 2050 | 2900 | 3540 |
| | | oz | 72.5 | 102.3 | 124.9 |
| | PE | g | 1625 | 2300 | 2810 |
| | | oz | 57.5 | 81.1 | 99.1 |
| Maximum Injection Pressure | | MPa | 250 | 180 | 147 |
| | | PSI | 36200 | 26100 | 21300 |
| Maximum Holding Pressure | | MPa | 210 | 150 | 123 |
| | | PSI | 30400 | 21800 | 17800 |
| Injection Velocity | | mm/s | 150 | | |
| | | in/s | 5.9 | | |
| Injection Rate | | cm ³ /s | 753 | 1063 | 1299 |
| | | in ³ /s | 46.0 | 64.9 | 79.3 |
| Plasticizing Capacity (PS) | STD | g/sec | 77.8 | 116.7 | 136 |
| | | oz/sec | 2.74 | 4.11 | 4.80 |
| | HIGH TORQUE | g/sec | — | 80.6 | 103 |
| | | oz/sec | — | 2.84 | 3.62 |
| Screw Speed | STD | rpm | 140 | 140 | 127 |
| | HIGH TORQUE | rpm | — | 95 | 95 |
| Screw Torque | STD | N·m | 5500 | 5500 | 5500 |
| | | lbf·ft | 4050 | 4050 | 4050 |
| | HIGH TORQUE | N·m | — | 7090 | 7090 |
| | | lbf·ft | — | 5220 | 5220 |
| Nozzle Touch Force | | kN | 58.8 | | |
| | | US Ton | 6.6 | | |
| GENERAL | Main Breaker Capacity | A | 300 | | |
| | Apparent Power | kVA | 130 | | |
| | Heater Capacity | kW | 44.4 | | |
| | Machine Dimensions L x W x H | m | 9.5 x 2.3 x 2.7 | | |
| | | ft | 30.9 x 7.3 x 8.6 | | |
| | Machine Weight | t | 34.8 | | |
| | | US Ton | 38.4 | | |

Note)

- 1 : Due to continuous improvements, specifications are subject to change without notice.
- 2 : Shot weight and Plasticizing capacity vary according to the materials and/or the molding conditions.
- 3 : Max. Injection Pressure and Max. Holding Pressure are power of injection unit, not resin pressure.
Max. Injection Pressure and Max. Holding Pressure are limited according to molding conditions.
- 4 : Min. mold dimensions are 22.3in(H) x 21.1in(V), 565mm(H) x 535mm(V).
In case of Max. Clamping Force, do not mount smaller mold than described above.
- 5 : High screw torque may be necessary depending on the type of resin and running condition. Please consult us for more details.
- 6 : Values of Apparent Power, Main Breaker Capacities and Heater Power differ when optional equipment is attached.
Please contact SHIBAURA MACHINE.

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