

| Machine Model Number | | TMC 60E-SE | | | TMC 90E-SE | | | TMC 120E-SE | | | TMC 150E-SE | | | TMC 200E-SE | | |
|-----------------------------------|---------|----------------|------|------|----------------|------|------|----------------|------|------|----------------|------|------|----------------|------|------|
| International Size Code | | 600/170 | | | 900/280 | | | 1200/460 | | | 1500/640 | | | 2000/1160 | | |
| A. Injection Unit Code | | 290 | | | 280 | | | 460 | | | 640 | | | 1160 | | |
| 1. Screw size | | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C |
| 2. Screw diameter | mm | 25 | 30 | 32 | 32 | 35 | 40 | 35 | 40 | 45 | 40 | 45 | 50 | 50 | 55 | 60 |
| 3. Screw length to diameter ratio | L/D | 24 | 20 | 19 | 21.9 | 20 | 18 | 22.9 | 20 | 18 | 22.5 | 20 | 18 | 22 | 20 | 18 |
| 4. Injection pressure @ 170bar | bar | 2828 | 1964 | 1726 | 2324 | 1943 | 1488 | 2664 | 2040 | 1612 | 2529 | 1998 | 1618 | 2370 | 1959 | 1646 |
| 5. Injection stroke | mm | 120 | | | 150 | | | 180 | | | 180 | | | 250 | | |
| 6. Calculated injection volume | cm3 | 59 | 85 | 97 | 121 | 144 | 188 | 173 | 226 | 286 | 226 | 286 | 353 | 491 | 594 | 707 |
| 7. Injection capacity - PS | gm | 54 | 78 | 89 | 111 | 133 | 173 | 159 | 208 | 263 | 208 | 263 | 325 | 452 | 546 | 650 |
| 8. Plasticizing rate (LS/HT) | kg/hr | 25 | 36 | 44 | 35 | 44 | 65 | 62 | 92 | 124 | 68 | 92 | 122 | 109 | 140 | 177 |
| (HS/LT) | kg/hr | 31 | 46 | 55 | 43 | 54 | 81 | 72 | 106 | 143 | 78 | 106 | 141 | 129 | 166 | 210 |
| 9. Injection rate @ 70kg/cm2 | cm3/sec | 80 | 115 | 131 | 97 | 116 | 152 | 139 | 181 | 229 | 146 | 184 | 228 | 240 | 290 | 345 |
| 10. Injection speed | mm/sec | 163 | | | 121 | | | 144 | | | 116 | | | 122 | | |
| 11. Screw speed / torque (LS/HT) | rpm/Nm | 320/560 | | | 255/700 | | | 357/805 | | | 265/1091 | | | 236/1876 | | |
| (HS/LT) | rpm/Nm | 400/447 | | | 315/560 | | | 411/700 | | | 306/945 | | | 280/1582 | | |
| 12. Nozzle force | kN | 60 | | | 60 | | | 60 | | | 60 | | | 60 | | |
| 13. Heating input power | kW | 5.5 | | | 6.5 | | | 8.2 | | | 9.3 | | | 15 | | |
| 14. Barrel heating zones | no. | 3+2 | | | 3+2 | | | 3+2 | | | 3+2 | | | 3+2 | | |
| B. Clamping Unit Code | | 600 | | | 900 | | | 1200 | | | 1500 | | | 2000 | | |
| 1. Clamping force | kN | 600 | | | 900 | | | 1200 | | | 1500 | | | 2000 | | |
| 2. Mold opening stroke | mm | 270 | | | 300 | | | 350 | | | 380 | | | 430 | | |
| 3. Open daylight | mm | 590 | | | 660 | | | 775 | | | 880 | | | 980 | | |
| 4. Die-height available | mm | 100~320 | | | 150~360 | | | 150~425 | | | 150~500 | | | 200~550 | | |
| 5. Size of platens H x V | mm | 500*500 | | | 590*590 | | | 640*640 | | | 670*670 | | | 760*760 | | |
| 6. Space between tie-bars | mm | 320*320 | | | 400*400 | | | 425*425 | | | 460*460 | | | 510*510 | | |
| 7. Tie-bar diameter | mm | 55 | | | 65 | | | 75 | | | 80 | | | 90 | | |
| 8. Ejector force | kN | 44 | | | 44 | | | 44 | | | 44 | | | 70 | | |
| 9. Ejector stroke | mm | 80 | | | 80 | | | 100 | | | 100 | | | 120 | | |
| C. General | | | | | | | | | | | | | | | | |
| 1. Pump motor power | kW (hp) | 10(13) | | | 10(13) | | | 15(20) | | | 15(20) | | | 22(30) | | |
| 2. Hydraulic system pressure | bar | 170 | | | 170 | | | 170 | | | 170 | | | 170 | | |
| 3. Total installed power | kW | 15.5 | | | 16.5 | | | 23.2 | | | 24.3 | | | 37 | | |
| 4. Oil tank capacity | liter | 260 | | | 260 | | | 300 | | | 310 | | | 500 | | |
| 5. Hopper capacity | kg | 25 | | | 50 | | | 50 | | | 50 | | | 50 | | |
| 6. Total machine weight (approx.) | kg | 3100 | | | 3800 | | | 5200 | | | 5800 | | | 8000 | | |
| 7. Machine dimensions LxWxH | m | 3.90*1.14*1.85 | | | 4.10*1.24*1.90 | | | 4.40*1.29*1.95 | | | 4.57*1.32*1.97 | | | 5.44*1.40*2.19 | | |

80
H2-200 H2-250

80
H2-250 H2-300A

130
H2-300AH2-300B

130
H2-400B H3-500

200
H4-700 H4-800B