

## Model:

**FT-500/800/1200/1600/2400/4500/5000 2RC**

**FT-1200-3RC /4R3C**

**FT-3200/7500-3R3C**

- ◆ One station Two color/two material
- ◆ Clamping force: 50Ton~250Ton
- ◆ Injection weight: 23-270g
- ◆ Suitable for producing the product which consist TWO colors or TWO material together with Insert Molding process in one machine.
- ◆ Rotation stability multi-station design completed with accuracy positioning system.



**FT-5002RC**



**FT-12002RC**



**FT-16002RC**

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# SPECIFICATION

| DESCRIPTION           |                                                                                     |                              | UNIT                 | A(250K)     |      | B(250K)         |      |             | C(400K)  |             |      | D(600K) |      |      | E(800K) |      |      |
|-----------------------|-------------------------------------------------------------------------------------|------------------------------|----------------------|-------------|------|-----------------|------|-------------|----------|-------------|------|---------|------|------|---------|------|------|
| INJECTION UNIT        |    | Screw Diameter               | mm                   | φ18         | φ22  | φ25             | φ28  | φ32         | φ28      | φ32         | φ36  | φ32     | φ36  | φ42  | φ36     | φ42  | φ48  |
|                       |                                                                                     | Maximum Injection Pressure   | kg/cm <sup>2</sup>   | 2333        | 1562 | 1971            | 1571 | 1203        | 2000     | 1531        | 1210 | 2051    | 1620 | 1190 | 2074    | 1523 | 1166 |
|                       |                                                                                     | Theoretical Shot Volume      | cm <sup>3</sup>      | 25          | 38   | 49              | 61   | 80          | 74       | 97          | 122  | 113     | 143  | 194  | 162     | 221  | 289  |
|                       |                                                                                     | Maximum Shot Weight (PS)     | g                    | 23          | 35   | 45              | 56   | 74          | 68       | 89          | 113  | 104     | 132  | 179  | 150     | 203  | 266  |
|                       |                                                                                     | Injection Rate               | cm <sup>3</sup> /sec | 25          | 37   | 44              | 55   | 72          | 42       | 55          | 70   | 63      | 80   | 109  | 88      | 120  | 157  |
|                       |                                                                                     | Barrel Heating Power         | kW                   | 2.5         |      | 2.5             |      |             | 3.6      |             |      | 5.55    |      |      | 7.0     |      |      |
|                       |                                                                                     | Motor Drive Power            | hp(kW)               | 5.5(4)      |      | 7.5(5.5)        |      |             | 7.5(5.5) |             |      | 10(7.5) |      |      | 15(11)  |      |      |
| Model                 |                                                                                     |                              | Unit                 | FT-500K2RC  |      | FT-800K2RC      |      | FT-1200K2RC |          | FT-1600K2RC |      |         |      |      |         |      |      |
| Injection Unit Option |                                                                                     |                              | Project              | I           | II   | I               | II   | I           | II       | I           | II   |         |      |      |         |      |      |
|                       |                                                                                     |                              | No.                  | A+B         | B+B  | B+B             | C+C  | C+D         | D+D      | D+E         | E+E  |         |      |      |         |      |      |
| CLAMPING UNIT         |   | Top Platen Size              | mm                   | 460×380     |      | 540×940         |      | 650×1060    |          | 660×1160    |      |         |      |      |         |      |      |
|                       |                                                                                     | Rotary Table Diameter        | mm                   | φ700        |      | φ800            |      | φ900        |          | φ1000       |      |         |      |      |         |      |      |
|                       |                                                                                     | Clamping Force               | ton                  | 50          |      | 80              |      | 120         |          | 160         |      |         |      |      |         |      |      |
|                       |                                                                                     | Minimum Mold Thickness       | mm                   | 100/200     |      | 150/250         |      | 200/300     |          | 200/300     |      |         |      |      |         |      |      |
|                       |                                                                                     | Opening Stroke               | mm                   | 180         |      | 200             |      | 250         |          | 270         |      |         |      |      |         |      |      |
|                       |                                                                                     | Open Daylight                | mm                   | 280/380     |      | 350/450         |      | 450/550     |          | 470/570     |      |         |      |      |         |      |      |
|                       |                                                                                     | Ejector Force                | ton                  | 1.3         |      | 1.3             |      | 2           |          | 2.7         |      |         |      |      |         |      |      |
|                       |                                                                                     | Ejector Stroke               | mm                   | 35          |      | 35              |      | 45          |          | 65          |      |         |      |      |         |      |      |
| OTHERS                |  | Hydraulic System Pressure    | kg/cm2               | 140         |      | 140             |      | 140         |          | 140         |      |         |      |      |         |      |      |
|                       |                                                                                     | Oil Tank Volume              | L                    | 300         |      | 400             |      | 600         |          | 800         |      |         |      |      |         |      |      |
|                       |                                                                                     | Electric Power               | hp(kW)               | 5.5+5.5/4+4 |      | 7.5+7.5/5.5+5.5 |      | 20(15)      |          | 30(22)      |      |         |      |      |         |      |      |
|                       |                                                                                     | Machine Dimensions (approx.) | m                    | 2.1×1.4×2.5 |      | 2.0×1.5×2.5     |      | 2.5×1.7×3.0 |          | 2.8×1.9×3.2 |      |         |      |      |         |      |      |
|                       |                                                                                     | Machine Weight (approx.)     | ton                  | 2.5         |      | 4               |      | 5.0         |          | 6.0         |      |         |      |      |         |      |      |

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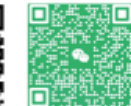
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