



All Electric Injection Molding Machine  
دستگاه تزریق پلاستیک تمام الکتریک

| واحد گیره                  | Clamping Unit             | Unit | TE-90 II |      |      |      |       |      |      |      |       |       | TE-120 II |      |       |      |      |      |       |       |       |      |       |       |       |       |       |       |       |  |
|----------------------------|---------------------------|------|----------|------|------|------|-------|------|------|------|-------|-------|-----------|------|-------|------|------|------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|--|
| قدرت قفل گیره              | Clamping Force            | kN   | 900      |      |      |      |       |      |      |      |       |       | 1200      |      |       |      |      |      |       |       |       |      |       |       |       |       |       |       |       |  |
| کورس بازشدن گیره           | Opening Stroke            | mm   | 320      |      |      |      |       |      |      |      |       |       | 360       |      |       |      |      |      |       |       |       |      |       |       |       |       |       |       |       |  |
| ارتفاع قالب                | Mold Height               | mm   | 150-410  |      |      |      |       |      |      |      |       |       | 150-480   |      |       |      |      |      |       |       |       |      |       |       |       |       |       |       |       |  |
| فاصله بین میلله های راهنما | Distance Between Tie Bars | mm   | 420x420  |      |      |      |       |      |      |      |       |       | 470x470   |      |       |      |      |      |       |       |       |      |       |       |       |       |       |       |       |  |
| کمترین ابعاد قالب          | Mold Dimension ( Min )    | mm   | 290x290  |      |      |      |       |      |      |      |       |       | 330x330   |      |       |      |      |      |       |       |       |      |       |       |       |       |       |       |       |  |
| قدرت جک پران               | Ejector Force             | kN   | 24.5     |      |      |      |       |      |      |      |       |       | 33        |      |       |      |      |      |       |       |       |      |       |       |       |       |       |       |       |  |
| کوس پران                   | Ejector Stroke            | mm   | 80       |      |      |      |       |      |      |      |       |       | 100       |      |       |      |      |      |       |       |       |      |       |       |       |       |       |       |       |  |
| واحد تزریق                 | Injection Unit            |      | IU130    |      |      |      | IU150 |      |      |      | IU210 |       |           |      | IU150 |      |      |      | IU210 |       |       |      | IU310 |       |       |       | IU430 |       |       |  |
| قطر هارپیج                 | Screw Diameter            | mm   | 22       | 26   | 30   | 22   | 26    | 28   | 30   | 26   | 28    | 32    | 36        | 22   | 26    | 28   | 30   | 26   | 28    | 32    | 36    | 30   | 32    | 36    | 40    | 32    | 36    | 40    | 45    |  |
| نسبت L/D هارپیج            | Screw L/D Ratio           | /    | 22       | 22   | 19.1 | 22   | 21    | 21   | 19.6 | 21   | 21    | 21    | 18.7      | 22   | 21    | 21   | 19.6 | 21   | 21    | 21    | 18.7  | 21   | 22.5  | 20    | 18.9  | 22    | 22.5  | 20.3  | 18.7  |  |
| کورس تزریق                 | Injection Stroke          | mm   | 95       | 110  |      | 95   |       | 110  |      |      | 115   |       | 125       | 95   |       | 110  |      | 115  |       | 125   |       | 150  |       |       | 150   |       | 170   |       |       |  |
| حجم تزریق                  | Shot Volume               | cm3  | 36.1     | 58.4 | 77.7 | 36.1 | 58.4  | 67.7 | 77.7 | 61   | 70.8  | 100.5 | 127.2     | 36.1 | 58.4  | 67.7 | 77.7 | 61   | 70.8  | 100.5 | 127.2 | 106  | 120.6 | 152.6 | 188.4 | 120.6 | 173   | 213.6 | 270.3 |  |
| وزن تزریق                  | Shot Weight               | g,PS | 33.2     | 53.7 | 71.4 | 33.2 | 53.7  | 62.2 | 71.4 | 56.1 | 56.1  | 92.4  | 117       | 33.2 | 53.7  | 62.2 | 71.4 | 56.1 | 65.1  | 92.4  | 117   | 97.5 | 110.9 | 140.3 | 173.3 | 110.9 | 159.1 | 196.5 | 248.6 |  |
| فشار تزریق                 | Injection Pressure        | MPa  | 305      | 220  | 165  | 280  | 255   | 220  | 191  | 300  | 261   | 200   | 158       | 280  | 255   | 220  | 191  | 300  | 261   | 200   | 158   | 288  | 253   | 200   | 162   | 312   | 247   | 200   | 158   |  |
| نگهداری فشار               | Holding Pressure          | MPa  | 244      | 176  | 132  | 224  | 204   | 176  | 153  | 240  | 209   | 160   | 126       | 224  | 204   | 176  | 153  | 240  | 209   | 160   | 126   | 230  | 202   | 160   | 130   | 250   | 197   | 160   | 126   |  |
| سرعت تزریق                 | Injection Speed (STD)     | mm/s | 200      |      |      |      | 200   |      |      |      | 200   |       |           |      | 200   |      |      |      | 200   |       |       |      | 200   |       |       |       |       |       |       |  |
| سرعت تزریق                 | Injection Speed (OP)      | mm/s | 350      |      |      |      | 350   |      |      |      | 350   |       |           |      | 350   |      |      |      | 350   |       |       |      | 300   |       |       |       |       |       |       |  |
| سرعت تزریق                 | Injection Speed (OP2)     | mm/s | 500      |      |      |      | 500   |      |      |      | 500   |       |           |      | 500   |      |      |      | 500   |       |       |      | 400   |       |       |       |       |       |       |  |
| سرعت هارپیج                | Screw Speed               | rpm  | 400      |      |      |      | 400   |      |      |      | 400   |       |           |      | 400   |      |      |      | 400   |       |       |      | 400   |       |       |       |       |       |       |  |
| مشخصات کلی                 | Others                    |      |          |      |      |      |       |      |      |      |       |       |           |      |       |      |      |      |       |       |       |      |       |       |       |       |       |       |       |  |
| قدرت نازل                  | Nozzle Contact Force      | kN   | 26       |      |      |      | 26    |      |      |      | 26    |       |           |      | 26    |      |      |      | 26    |       |       |      | 40    |       |       |       |       |       |       |  |
| قدرت گرمایش                | Heating Power             | kW   | 6.43     | 6.99 |      | 6.6  | 7.42  | 8.56 |      | 8.43 | 9.17  | 10.79 |           | 6.6  | 7.42  | 8.56 |      | 8.34 | 9.17  | 10.79 |       | 9.93 | 11.44 | 11.51 | 13.17 | 15.47 |       |       |       |  |
| وزن دستگاه                 | Machine Weight            | t    | 4.8      |      |      |      | 4.8   |      |      |      | 5     |       |           |      | 4.7   |      |      |      | 5.1   |       |       |      | 5.6   |       |       |       |       |       |       |  |
| ظرفیت مخزن روغن            | Oil Tank Capacity         | L    |          |      |      |      | 90    |      |      |      |       |       |           |      |       |      |      |      | 90    |       |       |      |       |       |       |       |       |       |       |  |



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| واحد گیره                 | Clamping Unit             | Unit | TE-160 II |      |       |       |       |       |       |       |       |       |       |       | TE-200 II |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|---------------------------|---------------------------|------|-----------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|--|--|--|-----|--|--|--|
| قدرت قفل گیره             | Clamping Force            | kN   | 1600      |      |       |       |       |       |       |       |       |       |       |       | 2000      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
| کورس بازشدن گیره          | Opening Stroke            | mm   | 430       |      |       |       |       |       |       |       |       |       |       |       | 470       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
| ارتفاع قالب               | Mold Height               | mm   | 180-520   |      |       |       |       |       |       |       |       |       |       |       | 200-550   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
| فاصله بین میله های راهنما | Distance Between Tie Bars | mm   | 520x520   |      |       |       |       |       |       |       |       |       |       |       | 570x570   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
| کمترین ابعاد قالب         | Mold Dimension ( Min )    | mm   | 350x350   |      |       |       |       |       |       |       |       |       |       |       | 380x380   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
| قدرت جک پُران             | Ejector Force             | kN   | 33        |      |       |       |       |       |       |       |       |       |       |       | h55 / e44 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
| کوس پُران                 | Ejector Stroke            | mm   | 125       |      |       |       |       |       |       |       |       |       |       |       | 150       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
| واحد تزریق                | Injection Unit            |      | IU210     |      |       |       | IU310 |       |       |       | IU430 |       |       |       | IU640     |       |       |       | IU310 |       |       |       | IU430 |       |       |       | IU640 |       |       |       | IU830 |       |       |       |     |  |  |  |     |  |  |  |
| قطر هارپنج                | Screw Diameter            | mm   | 26        | 28   | 32    | 36    | 30    | 32    | 36    | 40    | 32    | 36    | 40    | 45    | 36        | 40    | 45    | 50    | 30    | 32    | 36    | 40    | 32    | 36    | 40    | 45    | 36    | 40    | 45    | 50    | 40    | 45    | 50    | 55    |     |  |  |  |     |  |  |  |
| نسبت L/D هارپنج           | Screw L/D Ratio           | /    | 21        | 21   | 21    | 18.7  | 21    | 22.5  | 20    | 18.9  | 22    | 22.5  | 20.3  | 18.7  | 21        | 22.5  | 20    | 18    | 21    | 22.5  | 20    | 18.9  | 22    | 22.5  | 20.3  | 18.7  | 21    | 22.5  | 20    | 18    | 22    | 22.2  | 20    | 18.2  |     |  |  |  |     |  |  |  |
| کورس تزریق                | Injection Stroke          | mm   | 115       |      |       |       | 125   |       |       |       | 150   |       |       |       | 170       |       |       |       | 170   |       |       |       | 200   |       |       |       | 150   |       |       |       | 170   |       |       |       | 200 |  |  |  | 210 |  |  |  |
| حجم تزریق                 | Shot Volume               | cm3  | 61        | 70.8 | 100.5 | 127.2 | 106   | 120.6 | 152.6 | 188.4 | 120.6 | 173   | 213.6 | 270.3 | 173       | 251.3 | 318   | 392.6 | 106   | 120.6 | 152.6 | 188.4 | 120.6 | 173   | 213.6 | 270.3 | 173   | 251.3 | 318   | 392.6 | 251.3 | 333.9 | 412.3 | 498.9 |     |  |  |  |     |  |  |  |
| وزن تزریق                 | Shot Weight               | g,PS | 56.1      | 65.1 | 92.4  | 117   | 97.5  | 110.9 | 140.3 | 173.3 | 110.9 | 159.1 | 196.5 | 248.6 | 159.1     | 231.1 | 292.5 | 361.1 | 97.5  | 110.9 | 140.3 | 173.3 | 110.9 | 159.1 | 196.5 | 248.6 | 159.1 | 231.1 | 292.5 | 361.1 | 231.1 | 307.1 | 379.3 | 458.9 |     |  |  |  |     |  |  |  |
| فشار تزریق                | Injection Pressure        | MPa  | 300       | 261  | 200   | 158   | 288   | 253   | 200   | 162   | 312   | 247   | 200   | 158   | 312       | 253   | 200   | 162   | 288   | 253   | 200   | 162   | 312   | 247   | 200   | 158   | 312   | 253   | 200   | 162   | 312   | 247   | 200   | 165   |     |  |  |  |     |  |  |  |
| نگهداری فشار              | Holding Pressure          | MPa  | 240       | 209  | 160   | 126   | 230   | 202   | 160   | 130   | 250   | 197   | 160   | 126   | 250       | 202   | 160   | 130   | 230   | 202   | 160   | 130   | 250   | 197   | 160   | 126   | 250   | 202   | 160   | 130   | 250   | 197   | 160   | 132   |     |  |  |  |     |  |  |  |
| سرعت تزریق                | Injection Speed (STD)     | mm/s | 200       |      |       |       | 200   |       |       |       | 200   |       |       |       | 160       |       |       |       | 200   |       |       |       | 200   |       |       |       | 200   |       |       |       | 160   |       |       |       | 160 |  |  |  |     |  |  |  |
| سرعت تزریق                | Injection Speed (OP)      | mm/s | 350       |      |       |       | 300   |       |       |       | 300   |       |       |       | 250       |       |       |       | 300   |       |       |       | 300   |       |       |       | 300   |       |       |       | 250   |       |       |       | 250 |  |  |  |     |  |  |  |
| سرعت تزریق                | Injection Speed (OP2)     | mm/s | 500       |      |       |       | 400   |       |       |       | 400   |       |       |       | 350       |       |       |       | 400   |       |       |       | 400   |       |       |       | 400   |       |       |       | 350   |       |       |       | 350 |  |  |  |     |  |  |  |
| سرعت هارپنج               | Screw Speed               | rpm  | 400       |      |       |       | 400   |       |       |       | 400   |       |       |       | 350       |       |       |       | 400   |       |       |       | 400   |       |       |       | 400   |       |       |       | 350   |       |       |       | 320 |  |  |  |     |  |  |  |
| مشخصات کلی                | Others                    |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
| قدرت نازل                 | Nozzle Contact Force      | kN   | 26        |      |       |       | 40    |       |       |       | 40    |       |       |       | 40        |       |       |       | 40    |       |       |       | 40    |       |       |       | 40    |       |       |       | 40    |       |       |       | 60  |  |  |  |     |  |  |  |
| قدرت گرمایش               | Heating Power             | kW   | 8.43      | 9.17 | 10.79 | 9.93  | 11.44 | 11.51 | 13.17 | 15.47 | 15.77 | 17.23 | 17.83 | 9.93  | 11.44     | 11.51 | 13.17 | 15.47 | 15.77 | 17.23 | 17.83 | 9.93  | 11.44 | 11.51 | 13.17 | 15.47 | 15.77 | 17.23 | 17.83 | 19.9  | 21.88 | 21.03 |       |       |     |  |  |  |     |  |  |  |
| وزن دستگاه                | Machine Weight            | t    | 6.5       |      |       |       | 6.8   |       |       |       | 7.2   |       |       |       | 7.2       |       |       |       | 7.7   |       |       |       | 8.1   |       |       |       | 8.5   |       |       |       | 9.4   |       |       |       |     |  |  |  |     |  |  |  |
| ظرفیت مخزن روغن           | Oil Tank Capacity         | L    |           |      |       |       | 95    |       |       |       |       |       |       |       |           |       |       |       | 7.7   |       |       |       | 8.1   |       |       |       | 8.5   |       |       |       | 9.4   |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
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|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |  |  |  |     |  |  |  |
|                           |                           |      |           |      |       |       |       |       |       |       |       |       |       |       |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | </    |       |       |       |     |  |  |  |     |  |  |  |



All Electric Injection Molding Machine  
دستگاه تزریق پلاستیک تمام الکتریک

| واحد گیره                 | Clamping Unit             | Unit | TE-240 II |       |       |       |       |       |       |       |       |       |       |       | TE-300 II   |       |       |       |       |       |       |       |        |       |       |       |        |       |       |       |        |       |       |        |     |  |  |  |
|---------------------------|---------------------------|------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|-------|-------|-------|--------|-------|-------|--------|-----|--|--|--|
| قدرت قفل گیره             | Clamping Force            | kN   | 2400      |       |       |       |       |       |       |       |       |       |       |       | 3000        |       |       |       |       |       |       |       |        |       |       |       |        |       |       |       |        |       |       |        |     |  |  |  |
| کورس بازشدن گیره          | Opening Stroke            | mm   | 550       |       |       |       |       |       |       |       |       |       |       |       | 600         |       |       |       |       |       |       |       |        |       |       |       |        |       |       |       |        |       |       |        |     |  |  |  |
| ارتفاع قالب               | Mold Height               | mm   | 220-600   |       |       |       |       |       |       |       |       |       |       |       | 280-650     |       |       |       |       |       |       |       |        |       |       |       |        |       |       |       |        |       |       |        |     |  |  |  |
| فاصله بین میله های راهنما | Distance Between Tie Bars | mm   | 630x630   |       |       |       |       |       |       |       |       |       |       |       | 730x730     |       |       |       |       |       |       |       |        |       |       |       |        |       |       |       |        |       |       |        |     |  |  |  |
| کمترین ابعاد قالب         | Mold Dimension ( Min )    | mm   | 420x420   |       |       |       |       |       |       |       |       |       |       |       | 480x480     |       |       |       |       |       |       |       |        |       |       |       |        |       |       |       |        |       |       |        |     |  |  |  |
| قدرت جک پُران             | Ejector Force             | kN   | h55 / e49 |       |       |       |       |       |       |       |       |       |       |       | h55 / e58.8 |       |       |       |       |       |       |       |        |       |       |       |        |       |       |       |        |       |       |        |     |  |  |  |
| کوس پُران                 | Ejector Stroke            | mm   | 160       |       |       |       |       |       |       |       |       |       |       |       | 160         |       |       |       |       |       |       |       |        |       |       |       |        |       |       |       |        |       |       |        |     |  |  |  |
| واحد تزریق                | Injection Unit            |      | IU430     |       |       |       | IU640 |       |       |       | IU830 |       |       |       | IU1030      |       |       |       | IU830 |       |       |       | IU1030 |       |       |       | IU1330 |       |       |       | IU1680 |       |       |        |     |  |  |  |
| قطر هارپنج                | Screw Diameter            | mm   | 32        | 36    | 40    | 45    | 36    | 40    | 45    | 50    | 40    | 45    | 50    | 55    | 45          | 50    | 55    | 60    | 40    | 45    | 50    | 55    | 45     | 50    | 55    | 60    | 50     | 55    | 60    | 65    | 55     | 60    | 65    | 70     |     |  |  |  |
| نسبت L/D هارپنج           | Screw L/D Ratio           | /    | 22        | 22.5  | 20.3  | 18.7  | 21    | 22.5  | 20    | 18    | 22    | 22.2  | 20    | 18.2  | 22          | 22    | 20    | 18.3  | 22    | 22.2  | 20    | 18.2  | 22     | 22    | 20    | 18.3  | 22     | 21.8  | 20    | 18.5  | 22     | 21.7  | 20    | 18.6   |     |  |  |  |
| کورس تزریق                | Injection Stroke          | mm   | 150       | 170   |       |       | 170   | 200   |       |       | 200   | 210   |       |       | 210         | 240   |       |       | 200   | 210   |       |       | 210    | 240   |       |       | 240    | 260   |       |       | 260    | 280   |       |        |     |  |  |  |
| حجم تزریق                 | Shot Volume               | cm3  | 120.6     | 173   | 213.6 | 270.3 | 173   | 251.3 | 318   | 392.6 | 251.3 | 333.9 | 412.3 | 498.9 | 333.9       | 471.2 | 570.1 | 678.5 | 251.3 | 333.9 | 412.3 | 498.9 | 333.9  | 471.2 | 570.1 | 678.5 | 471.2  | 617.7 | 735.1 | 862.7 | 617.7  | 791.6 | 929.1 | 1077.5 |     |  |  |  |
| وزن تزریق                 | Shot Weight               | g,PS | 110.9     | 159.1 | 196.5 | 248.6 | 159.1 | 231.1 | 292.5 | 361.1 | 231.1 | 307.1 | 379.3 | 458.9 | 307.1       | 433.5 | 524.4 | 624.2 | 231.1 | 307.1 | 379.3 | 458.9 | 307.1  | 433.5 | 524.4 | 624.2 | 433.5  | 568.2 | 676.2 | 793.6 | 568.2  | 728.2 | 854.7 | 991.3  |     |  |  |  |
| فشار تزریق                | Injection Pressure        | MPa  | 312       | 247   | 200   | 158   | 312   | 253   | 200   | 162   | 312   | 247   | 200   | 165   | 260         | 218   | 180   | 151   | 312   | 247   | 200   | 165   | 260    | 218   | 180   | 151   | 255    | 214   | 180   | 153   | 250    | 211   | 180   | 155    |     |  |  |  |
| نگهداری فشار              | Holding Pressure          | MPa  | 250       | 197   | 160   | 126   | 250   | 202   | 160   | 130   | 250   | 197   | 160   | 132   | 234         | 196   | 162   | 136   | 250   | 197   | 160   | 132   | 234    | 196   | 162   | 136   | 230    | 192   | 162   | 137   | 225    | 190   | 162   | 140    |     |  |  |  |
| سرعت تزریق                | Injection Speed (STD)     | mm/s | 200       |       |       |       | 160   |       |       |       | 160   |       |       |       | 160         |       |       |       | 160   |       |       |       | 160    |       |       |       | 160    |       |       |       | 160    |       |       |        |     |  |  |  |
| سرعت تزریق                | Injection Speed (OP)      | mm/s | 300       |       |       |       | 250   |       |       |       | 250   |       |       |       | 250         |       |       |       | 250   |       |       |       | 250    |       |       |       | 250    |       |       |       | 250    |       |       |        |     |  |  |  |
| سرعت تزریق                | Injection Speed (OP2)     | mm/s | 400       |       |       |       | 350   |       |       |       | 350   |       |       |       | 350         |       |       |       | 350   |       |       |       | 350    |       |       |       | 350    |       |       |       | 350    |       |       |        |     |  |  |  |
| سرعت هارپنج               | Screw Speed               | rpm  | 400       |       |       |       | 350   |       |       |       | 320   |       |       |       | 320         |       |       |       | 320   |       |       |       | 320    |       |       |       | 320    |       |       |       | 300    |       |       |        | 250 |  |  |  |
| مشخصات کلی                | Others                    |      |           |       |       |       |       |       |       |       |       |       |       |       |             |       |       |       |       |       |       |       |        |       |       |       |        |       |       |       |        |       |       |        |     |  |  |  |
| قدرت نازل                 | Nozzle Contact Force      | kN   | 40        |       |       |       | 40    |       |       |       | 60    |       |       |       | 60          |       |       |       | 60    |       |       |       | 60     |       |       |       | 60     |       |       |       | 60     |       |       |        |     |  |  |  |
| قدرت گرمایش               | Heating Power             | kW   | 13.17     | 15.47 |       |       | 15.7  | 17.23 | 17.83 |       | 19.9  | 21.88 | 21.03 |       | 24.74       | 25.87 |       | 19.9  | 21.88 | 21.03 |       | 24.74 | 25.87  |       | 25.74 | 30    |        | 30    | 34.1  |       |        |       |       |        |     |  |  |  |
| وزن دستگاه                | Machine Weight            | t    | 10.6      |       |       |       | 10.82 |       |       |       | 11    |       |       |       | 12          |       |       |       | 13.3  |       |       |       | 13.8   |       |       |       | 14.9   |       |       |       | 15.1   |       |       |        |     |  |  |  |
| ظرفیت مخزن روغن           | Oil Tank Capacity         | L    |           |       |       |       | 110   |       |       |       |       |       |       |       |             |       |       |       |       |       |       |       | 130    |       |       |       |        |       |       |       |        |       |       |        |     |  |  |  |



All Electric Injection Molding Machine  
دستگاه تزریق پلاستیک تمام الکتریک

| واحد گیره                 | Clamping Unit             | Unit | TE-360 II   |       |       |       |       |       |       |       |        |       |       |        | TE-460 II |       |      |        |       |       |       |        |       |       |       |        |       |      |         |      |      |
|---------------------------|---------------------------|------|-------------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|--------|-----------|-------|------|--------|-------|-------|-------|--------|-------|-------|-------|--------|-------|------|---------|------|------|
| قدرت قفل گیره             | Clamping Force            | kN   | 3600        |       |       |       |       |       |       |       |        |       |       |        | 4600      |       |      |        |       |       |       |        |       |       |       |        |       |      |         |      |      |
| کورس بازشدن گیره          | Opening Stroke            | mm   | 730         |       |       |       |       |       |       |       |        |       |       |        | 790       |       |      |        |       |       |       |        |       |       |       |        |       |      |         |      |      |
| ارتفاع قالب               | Mold Height               | mm   | 320-710     |       |       |       |       |       |       |       |        |       |       |        | 330-810   |       |      |        |       |       |       |        |       |       |       |        |       |      |         |      |      |
| فاصله بین میله های راهنما | Distance Between Tie Bars | mm   | 820x820     |       |       |       |       |       |       |       |        |       |       |        | 910x910   |       |      |        |       |       |       |        |       |       |       |        |       |      |         |      |      |
| کمترین ابعاد قالب         | Mold Dimension ( Min )    | mm   | 550x550     |       |       |       |       |       |       |       |        |       |       |        | 590x590   |       |      |        |       |       |       |        |       |       |       |        |       |      |         |      |      |
| قدرت جک پُران             | Ejector Force             | kN   | h98 / e58.8 |       |       |       |       |       |       |       |        |       |       |        | h98 / e98 |       |      |        |       |       |       |        |       |       |       |        |       |      |         |      |      |
| کوس پُران                 | Ejector Stroke            | mm   | 200         |       |       |       |       |       |       |       |        |       |       |        | 200       |       |      |        |       |       |       |        |       |       |       |        |       |      |         |      |      |
| واحد تزریق                | Injection Unit            |      | IU1030      |       |       |       | IU640 |       |       |       | IU1680 |       |       |        | IU2220    |       |      | IU1330 |       |       |       | IU1680 |       |       |       | IU2220 |       |      | IU32600 |      |      |
| قطر هارپنج                | Screw Diameter            | mm   | 45          | 50    | 55    | 60    | 50    | 55    | 60    | 65    | 55     | 60    | 65    | 70     | 65        | 70    | 75   | 50     | 55    | 60    | 65    | 55     | 60    | 65    | 70    | 65     | 70    | 75   | 75      | 80   | 85   |
| نسبت L/D هارپنج           | Screw L/D Ratio           | /    | 22          | 22    | 20    | 18.3  | 22    | 21.8  | 20    | 18.5  | 22     | 21.7  | 20    | 18.6   | 22        | 20    | 20   | 22     | 21.8  | 20    | 18.5  | 22     | 21.7  | 20    | 18.6  | 22     | 20    | 20   | 21.8    | 20   | 20   |
| کورس تزریق                | Injection Stroke          | mm   | 210         | 240   |       |       | 240   | 260   |       |       | 260    | 280   |       |        | 320       | 240   |      |        | 260   | 260   |       |        | 280   | 320   |       |        | 360   |      |         |      |      |
| حجم تزریق                 | Shot Volume               | cm3  | 333.9       | 471.2 | 570.1 | 678.5 | 471.2 | 617.7 | 735.1 | 862.7 | 617.7  | 791.6 | 929.1 | 1077.5 | 1062      | 1232  | 1414 | 471.2  | 617.7 | 735.1 | 862.7 | 617.7  | 791.6 | 292.1 | 1078  | 1062   | 1231  | 1414 | 1590    | 1809 | 2043 |
| وزن تزریق                 | Shot Weight               | g,PS | 307.1       | 433.5 | 524.4 | 624.2 | 433.5 | 568.2 | 676.2 | 793.6 | 568.2  | 728.2 | 854.7 | 991.3  | 977       | 1133  | 1301 | 433.5  | 568.2 | 676.2 | 793.6 | 568.2  | 728.2 | 854.7 | 991.3 | 977    | 1133  | 1301 | 1463    | 1665 | 1879 |
| فشار تزریق                | Injection Pressure        | MPa  | 260         | 218   | 180   | 151   | 255   | 214   | 180   | 153   | 250    | 211   | 180   | 155    | 209       | 180   | 156  | 255    | 214   | 180   | 153   | 250    | 212   | 180   | 155   | 209    | 180   | 156  | 205     | 180  | 159  |
| نگهداری فشار              | Holding Pressure          | MPa  | 234         | 196   | 162   | 136   | 230   | 192   | 162   | 137   | 225    | 190   | 162   | 140    | 188       | 162   | 140  | 230    | 192   | 162   | 137   | 225    | 190   | 162   | 140   | 188    | 162   | 140  | 185     | 162  | 143  |
| سرعت تزریق                | Injection Speed (STD)     | mm/s | 160         |       |       |       | 160   |       |       |       | 160    |       |       |        | 160       |       |      | 160    |       |       |       | 160    |       |       |       | 160    |       |      |         |      |      |
| سرعت تزریق                | Injection Speed (OP)      | mm/s | 250         |       |       |       | 250   |       |       |       | 250    |       |       |        | /         |       |      | 250    |       |       |       | 250    |       |       |       | /      |       |      |         |      |      |
| سرعت تزریق                | Injection Speed (OP2)     | mm/s | 350         |       |       |       | 350   |       |       |       | 350    |       |       |        | /         |       |      | 350    |       |       |       | 350    |       |       |       | /      |       |      |         |      |      |
| سرعت هارپنج               | Screw Speed               | rpm  | 320         |       |       |       | 300   |       |       |       | 250    |       |       |        | 210       |       |      | 300    |       |       |       | 250    |       |       |       | 210    |       |      |         |      |      |
| مشخصات کلی                | Others                    |      |             |       |       |       |       |       |       |       |        |       |       |        |           |       |      |        |       |       |       |        |       |       |       |        |       |      |         |      |      |
| قدرت نازل                 | Nozzle Contact Force      | kN   | 60          |       |       |       | 60    |       |       |       | 60     |       |       |        | 85        |       |      | 60     |       |       |       | 60     |       |       |       | 85     |       |      |         |      |      |
| قدرت گرمایش               | Heating Power             | kW   | 24.74       | 25.87 |       |       | 25.74 | 30    |       |       | 30     | 34.1  |       |        | 37.8      | 25.74 |      |        | 30    | 30    |       |        | 34.1  | 37.8  |       |        | 51.85 |      |         |      |      |
| وزن دستگاه                | Machine Weight            | t    | 16.6        |       |       |       | 17.9  |       |       |       | 18.9   |       |       |        | 20.5      |       |      | 26.9   |       |       |       | 27.2   |       |       |       | 27.8   |       |      | 30      |      |      |
| ظرفیت مخزن روغن           | Oil Tank Capacity         | L    |             |       |       |       | 184   |       |       |       |        |       |       |        |           |       |      |        |       |       |       |        |       |       |       | 184    |       |      |         |      |      |