



**TOKIMA<sup>®</sup>**  
*Built To Perfection*

**TOKIMA MACHINERY PRIVATE LIMITED**

**Next Gen Technology  
for Today's Industry**



**Creating New Innovation  
in Machine Technology**





# TOKIMA®

*Built To Perfection*

| MACHINE MODEL              |                    | TM-200DS/LS |         | TM-400DS/LS |         |         |
|----------------------------|--------------------|-------------|---------|-------------|---------|---------|
| INJECTION UNIT             |                    | A           | B       | A           | B       | C       |
| Screw diameter             | mm                 | 22          | 25      | 25          | 28      | 32      |
| Injection pressure         | Mpa                | 1627        | 1260    | 1814        | 1446    | 1107    |
| Theoretical shot volume    | cm <sup>3</sup>    | 38          | 49      | 49          | 61      | 80      |
| Shot weight(PS)            | g                  | 35(1.2)     | 45(1.6) | 45(1.6)     | 56(2.0) | 74(2.6) |
| Injection rate             | g/s                | 35          | 45      | 37          | 46      | 60      |
| CLAMPING UNIT              |                    |             |         |             |         |         |
| Clamping force             | KN                 | 200         |         | 400         |         |         |
| Top platen size            | mm                 | 400*250     |         | 490*325     |         |         |
| Bottom platen size         | mm                 | 445*290     |         | 540*390     |         |         |
| Slide table size           | mm                 | 260*570     |         | 350*680     |         |         |
| 90°Slide size              | mm                 |             |         | 350*415     |         |         |
| Mold size                  | mm                 | 280*140     |         | 370*200     |         |         |
| Min.mold thickness         | mm                 | 100/160     |         | 100/180     |         |         |
| Opening stroke             | mm                 | 180         |         | 200         |         |         |
| Open Daylight              | mm                 | 280/340     |         | 300/380     |         |         |
| Ejector force              | KN                 | 1.3         |         | 1.3         |         |         |
| Ejector stroke             | mm                 | 40          |         | 40          |         |         |
| OTHERS                     |                    |             |         |             |         |         |
| Hydraulic system pressure  | KG/CM <sup>2</sup> | 140         |         | 140         |         |         |
| Oil tank volume            | L                  | 80          |         | 120         |         |         |
| Electric power             | HP(KW)             | 4(3)        |         | 5.5(4)      |         |         |
| Barrel heating power       | KW                 | 2           |         | 2.7         |         |         |
| Total wattage              | KW                 | 6           |         | 6.7         |         |         |
| Machine dimensions (L*W*H) | m                  | 1.3*0.8*2.1 |         | 1.6*0.9*2.3 |         |         |
| Machine weight             | T                  | 0.7         |         | 0.9         |         |         |

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# Vertical Specifications

(Right Angle & Double Sliding Injection)

| TM-600DS/LS |         |          | TM-800DS/LS |          |          | TM-900DS/LS |          |          |
|-------------|---------|----------|-------------|----------|----------|-------------|----------|----------|
| A           | B       | C        | A           | B        | C        | A           | B        | C        |
| 28          | 32      | 35       | 32          | 36       | 42       | 36          | 42       | 48       |
| 2000        | 1531    | 1210     | 2051        | 1620     | 1190     | 2074        | 1523     | 1166     |
| 74          | 97      | 122      | 113         | 143      | 194      | 162         | 221      | 289      |
| 68(2.4)     | 89(3.1) | 113(4.0) | 104(3.7)    | 132(4.6) | 176(6.3) | 150(5.3)    | 203(7.1) | 266(9.4) |
| 37          | 55      | 70       | 63          | 80       | 109      | 88          | 120      | 157      |
|             |         |          |             |          |          |             |          |          |
| 600         |         |          | 800         |          |          | 900         |          |          |
| 540*380     |         |          | 620*490     |          |          | 665*480     |          |          |
| 580*420     |         |          | 655*540     |          |          | 735*550     |          |          |
| 396*840     |         |          | 430*860     |          |          | 480*960     |          |          |
| 396*420     |         |          | 450*490     |          |          | 480*500     |          |          |
| 410*250     |         |          | 470*340     |          |          | 500*315     |          |          |
| 150/250     |         |          | 200/300     |          |          | 200/300     |          |          |
| 210         |         |          | 250         |          |          | 270         |          |          |
| 360/460     |         |          | 450/550     |          |          | 470/570     |          |          |
| 2.2         |         |          | 2.2         |          |          | 3.9         |          |          |
| 40          |         |          | 45          |          |          | 55          |          |          |
|             |         |          |             |          |          |             |          |          |
| 140         |         |          | 140         |          |          | 140         |          |          |
| 195         |         |          | 245         |          |          | 300         |          |          |
| 7.5(5.5)    |         |          | 10(7.5)     |          |          | 15(11)      |          |          |
| 3.6         |         |          | 5.55        |          |          | 7           |          |          |
| 9.1         |         |          | 13.05       |          |          | 16.4        |          |          |
| 1.8*1.0*2.4 |         |          | 1.9*1.1*2.9 |          |          | 2.0*1.3*3.1 |          |          |
| 1.4         |         |          | 2           |          |          | 2.7         |          |          |

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| MACHINE MODEL              | TM-1000DS/LS |               |          | TM-1200DS/LS |            |
|----------------------------|--------------|---------------|----------|--------------|------------|
| INJECTION UNIT             |              | A             | B        | A            | B          |
| Screw diameter             | mm           | 42            | 45       | 46           | 52         |
| Injection pressure         | Mpa          | 1702          | 1483     | 2193         | 1716       |
| Theoretical shot volume    | cm³          | 249           | 286      | 365          | 467        |
| Shot weight(PS)            | g            | 209 (7.4)     | 240(8.5) | 325 (11.5)   | 415 (14.6) |
| Injection rate             | g/s          | 130           | 158      | 117          | 150        |
| CLAMPING UNIT              |              |               |          |              |            |
| Clamping force             | KN           | 1000          |          | 1200         |            |
| Top platen size            | mm           | 730*540       |          | 840*740      |            |
| Bottom platen size         | mm           | 800*610       |          | 930*800      |            |
| Slide table size           | mm           | 540*1080      |          | 600*1450     |            |
| 90°Slide size              | mm           | 540*550       |          |              |            |
| Mold size                  | mm           | 550*360       |          | 610*510      |            |
| Min.mold thickness         | mm           | 300           |          | 250          |            |
| Opening stroke             | mm           | 280           |          | 300          |            |
| Open Daylight              | mm           | 580           |          | 550          |            |
| Ejector force              | KN           | 5.3           |          | 4.6          |            |
| Ejector stroke             | mm           | 65            |          | 75           |            |
| OTHERS                     |              |               |          |              |            |
| Hydraulic system pressure  | KG/CM²       | 140           |          | 140          |            |
| Oil tank volume            | L            | 360           |          | 400          |            |
| Electric power             | HP(KW)       | 20(15)        |          | 20(15)       |            |
| Barrel heating power       | KW           | 6.3           |          | 10.4         |            |
| Total wattage              | KW           | 21.3          |          | 25.4         |            |
| Machine dimensions (L*W*H) | m            | 2.09*1.12*3.3 |          | 2.0*1.4*4.0  |            |
| Machine weight             | T            | 3.8           |          | 6.7          |            |

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# Vertical Specifications

(Right Angle Double Sliding Injection)

| TM-1500DS/LS |           |           | TM-2100DS/LS |           |         |
|--------------|-----------|-----------|--------------|-----------|---------|
| A            | B         | C         | A            | B         | C       |
| 45           | 50        | 55        | 45           | 50        | 55      |
| 1919         | 1554      | 1284      | 2292         | 1856      | 1534    |
| 286          | 353       | 427       | 350          | 432       | 522     |
| 265(9.3)     | 327(11.5) | 395(13.9) | 323(11.4)    | 399(14.1) | 483(17) |
| 115          | 141       | 171       | 118          | 146       | 176     |
|              |           |           |              |           |         |
| 1500         |           |           | 2100         |           |         |
| 910*840      |           |           | 940*990      |           |         |
| 1000*1035    |           |           | 1110*1095    |           |         |
| 1600*640     |           |           | 1110*660     |           |         |
|              |           |           |              |           |         |
| 660*630      |           |           | 720*670      |           |         |
| 300          |           |           | 350          |           |         |
| 300          |           |           | 450          |           |         |
| 600          |           |           | 800          |           |         |
| 5.4          |           |           | 7            |           |         |
| 75           |           |           | 100          |           |         |
|              |           |           |              |           |         |
| 140          |           |           | 140          |           |         |
| 430          |           |           | 500          |           |         |
| 20(15)       |           |           | 25(18.5)     |           |         |
| 10.5         |           |           | 12.5         |           |         |
| 29           |           |           | 34           |           |         |
| 2.5*1.2*4.0  |           |           | 2.9*1.3*4.5  |           |         |
| 7.4          |           |           | 9.5          |           |         |



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| MACHINE MODEL              |                    | TM-200S     |         | TM-400S     |         |         |
|----------------------------|--------------------|-------------|---------|-------------|---------|---------|
| INJECTION UNIT             |                    | A           | B       | A           | B       | C       |
| Screw diameter             | mm                 | 22          | 25      | 25          | 28      | 32      |
| Injection pressure         | Mpa                | 1627        | 1260    | 1814        | 1446    | 1107    |
| Theoretical shot volume    | cm <sup>3</sup>    | 38          | 49      | 49          | 61      | 80      |
| Shot weight(PS)            | g                  | 35(1.2)     | 45(1.6) | 45(1.6)     | 56(2.0) | 74(2.6) |
| Injection rate             | g/s                | 35          | 45      | 37          | 46      | 60      |
| CLAMPING UNIT              |                    |             |         |             |         |         |
| Clamping force             | KN                 | 200         |         | 400         |         |         |
| Top platen size            | mm                 | 400*250     |         | 490*325     |         |         |
| Bottom platen size         | mm                 | 445*290     |         | 540*390     |         |         |
| Slide table size           | mm                 | 260*285     |         | 350*340     |         |         |
| Mold size                  | mm                 | 280*140     |         | 370*200     |         |         |
| Min.mold thickness         | mm                 | 100/160     |         | 100/180     |         |         |
| Opening stroke             | mm                 | 180         |         | 200         |         |         |
| Open Daylight              | mm                 | 280/340     |         | 300/380     |         |         |
| Ejector force              | KN                 | 1.3         |         | 1.3         |         |         |
| Ejector stroke             | mm                 | 40          |         | 40          |         |         |
| OTHERS                     |                    |             |         |             |         |         |
| Hydraulic system pressure  | KG/CM <sup>2</sup> | 140         |         | 140         |         |         |
| Oil tank volume            | L                  | 80          |         | 120         |         |         |
| Electric power             | HP(KW)             | 4(3)        |         | 5.5(4)      |         |         |
| Barrel heating power       | KW                 | 2           |         | 2.7         |         |         |
| Total wattage              | KW                 | 6           |         | 6.7         |         |         |
| Machine dimensions (L*W*H) | m                  | 1.3*0.8*2.1 |         | 1.6*0.9*2.3 |         |         |
| Machine weight             | T                  | 0.7         |         | 0.9         |         |         |

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# Vertical Specifications

## (Dual Cylinder Injection Front Sliding)

| TM-600S     |         |          | TM-800S     |          |          |
|-------------|---------|----------|-------------|----------|----------|
| A           | B       | C        | A           | B        | C        |
| 28          | 32      | 35       | 32          | 36       | 42       |
| 2000        | 1531    | 1210     | 2051        | 1620     | 1190     |
| 74          | 97      | 122      | 113         | 143      | 194      |
| 68(2.4)     | 89(3.1) | 113(4.0) | 104(3.7)    | 132(4.6) | 176(6.3) |
| 37          | 55      | 70       | 63          | 80       | 109      |
|             |         |          |             |          |          |
| 600         |         |          | 800         |          |          |
| 540*380     |         |          | 620*490     |          |          |
| 580*420     |         |          | 655*540     |          |          |
| 396*426     |         |          | 450*490     |          |          |
| 410*250     |         |          | 470*340     |          |          |
| 150/250     |         |          | 200/300     |          |          |
| 210         |         |          | 250         |          |          |
| 360/460     |         |          | 450/550     |          |          |
| 2.2         |         |          | 2.2         |          |          |
| 40          |         |          | 45          |          |          |
|             |         |          |             |          |          |
| 140         |         |          | 140         |          |          |
| 195         |         |          | 245         |          |          |
| 7.5(5.5)    |         |          | 10(7.5)     |          |          |
| 3.6         |         |          | 5.55        |          |          |
| 9.1         |         |          | 13.05       |          |          |
| 1.8*1.0*2.4 |         |          | 1.9*1.1*2.9 |          |          |
| 1.4         |         |          | 2           |          |          |



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| MACHINE MODEL              |                    | TM-850S     |          |          | TM-1000S      |          |
|----------------------------|--------------------|-------------|----------|----------|---------------|----------|
| INJECTION UNIT             |                    | A           | B        | C        | A             | B        |
| Screw diameter             | mm                 | 36          | 42       | 48       | 42            | 45       |
| Injection pressure         | Mpa                | 2074        | 1523     | 1166     | 1702          | 1483     |
| Theoretical shot volume    | cm <sup>3</sup>    | 162         | 221      | 289      | 249           | 286      |
| Shot weight(PS)            | g                  | 150(5.3)    | 203(7.1) | 266(9.4) | 209(7.4)      | 240(8.5) |
| Injection rate             | g/s                | 88          | 120      | 157      | 130           | 158      |
| CLAMPING UNIT              |                    |             |          |          |               |          |
| Clamping force             | KN                 | 850         |          |          | 1000          |          |
| Top platen size            | mm                 | 665*480     |          |          | 730*540       |          |
| Bottom platen size         | mm                 | 735*550     |          |          | 800*610       |          |
| Slide table size           | mm                 | 480*495     |          |          | 540*550       |          |
| Mold size                  | mm                 | 500*315     |          |          | 550*360       |          |
| Min.mold thickness         | mm                 | 200/300     |          |          | 300           |          |
| Opening stroke             | mm                 | 270         |          |          | 280           |          |
| Open Daylight              | mm                 | 470/570     |          |          | 580           |          |
| Ejector force              | KN                 | 3.9         |          |          | 5.3           |          |
| Ejector stroke             | mm                 | 55          |          |          | 65            |          |
| OTHERS                     |                    |             |          |          |               |          |
| Hydraulic system pressure  | KG/CM <sup>2</sup> | 140         |          |          | 140           |          |
| Oil tank volume            | L                  | 300         |          |          | 360           |          |
| Electric power             | HP(KW)             | 15(11)      |          |          | 20(15)        |          |
| Barrel heating power       | KW                 | 7           |          |          | 6.3           |          |
| Total wattage              | KW                 | 16.4        |          |          | 21.3          |          |
| Machine dimensions (L*W*H) | m                  | 2.0*1.3*3.1 |          |          | 2.09*1.12*3.3 |          |
| Machine weight             | T                  | 2.7         |          |          | 3.8           |          |

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# Vertical Specifications

## (Dual Cylinder Injection Front Sliding)

| TM-1200S    |           | TM-1500S    |           |           | TM-2100S    |           |         |
|-------------|-----------|-------------|-----------|-----------|-------------|-----------|---------|
| A           | B         | A           | B         | C         | A           | B         | C       |
| 46          | 52        | 45          | 50        | 55        | 45          | 50        | 55      |
| 2193        | 1716      | 1919        | 1554      | 1284      | 2292        | 1856      | 1534    |
| 365         | 467       | 286         | 353       | 427       | 350         | 432       | 522     |
| 325(11.5)   | 415(14.6) | 265(9.3)    | 327(11.5) | 395(13.9) | 323(11.4)   | 399(14.1) | 483(17) |
| 117         | 150       | 115         | 141       | 171       | 118         | 146       | 176     |
|             |           |             |           |           |             |           |         |
| 1200        |           | 1500        |           |           | 2100        |           |         |
| 840*740     |           | 910*840     |           |           | 940*990     |           |         |
| 930*800     |           | 1000*1035   |           |           | 1110*1095   |           |         |
| 600*750     |           | 800*640     |           |           | 750*660     |           |         |
| 610*510     |           | 660*630     |           |           | 720*670     |           |         |
| 250         |           | 300         |           |           | 350         |           |         |
| 300         |           | 300         |           |           | 450         |           |         |
| 550         |           | 600         |           |           | 800         |           |         |
| 4.6         |           | 5.4         |           |           | 7           |           |         |
| 75          |           | 75          |           |           | 100         |           |         |
|             |           |             |           |           |             |           |         |
| 140         |           | 140         |           |           | 140         |           |         |
| 400         |           | 430         |           |           | 500         |           |         |
| 20(15)      |           | 20(15)      |           |           | 25(18.5)    |           |         |
| 10.4        |           | 10.5        |           |           | 12.5        |           |         |
| 25.4        |           | 29          |           |           | 34          |           |         |
| 2.0*1.4*4.0 |           | 2.5*1.2*4.0 |           |           | 2.9*1.3*4.5 |           |         |
| 6.7         |           | 7.4         |           |           | 9.5         |           |         |

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| MACHINE MODEL              |                    | TM-400R2(R3) |         |         | TM-500R2(R3)     |         |
|----------------------------|--------------------|--------------|---------|---------|------------------|---------|
| INJECTION UNIT             |                    | A            | B       | C       | A                | B       |
| Screw diameter             | mm                 | 25           | 28      | 30      | 28               | 32      |
| Injection pressure         | Mpa                | 1971         | 1571    | 1203    | 2000             | 1531    |
| Theoretical shot volume    | cm <sup>3</sup>    | 49           | 61      | 80      | 74               | 97      |
| Shot weight(PS)            | g                  | 45(1.6)      | 56(2.0) | 74(2.6) | 68(2.4)          | 89(3.1) |
| Injection rate             | g/s                | 44           | 55      | 72      | 42               | 55      |
| CLAMPING UNIT              |                    |              |         |         |                  |         |
| Clamping force             | KN                 | 400          |         |         | 500              |         |
| Top platen size            | mm                 | 470*420      |         |         | 540*480          |         |
| Shuttle table size         | mm                 | 700          |         |         | 760              |         |
| Rotary station             | station            | 2-4          |         |         | 2-4              |         |
| Mold size                  | mm                 | 300*200      |         |         | 350*250(300*200) |         |
| Min.mold thickness         | mm                 | 120          |         |         | 195              |         |
| Opening stroke             | mm                 | 180          |         |         | 200              |         |
| Open Daylight              | mm                 | 300          |         |         | 395              |         |
| Ejector force              | KN                 | 1.0          |         |         | 1.5              |         |
| Ejector stroke             | mm                 | 35           |         |         | 35               |         |
| OTHERS                     |                    |              |         |         |                  |         |
| Hydraulic system pressure  | KG/CM <sup>2</sup> | 140          |         |         | 140              |         |
| Oil tank volume            | L                  | 150          |         |         | 180              |         |
| Electric power             | HP(KW)             | 5(4)         |         |         | 7.5(5.5)         |         |
| Barrel heating power       | KW                 | 3.3          |         |         | 3.3              |         |
| Total wattage              | KW                 | 7.3          |         |         | 8.8              |         |
| Machine dimensions (L*W*H) | m                  | 1.84*1.2*2.0 |         |         | 2.0*1.3*2.2      |         |
| Machine weight             | T                  | 1.5          |         |         | 1.8              |         |

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Note:TOKIMO reserves the right to change design or specification without any notice

# Vertical Specifications

## (Rotary Vertical Injection Machine)

|          | TM-600R2(R3)     |          |          | TM-850R2(R3)      |          |          |
|----------|------------------|----------|----------|-------------------|----------|----------|
| C        | A                | B        | C        | A                 | B        | C        |
| 35       | 32               | 35       | 42       | 35                | 42       | 48       |
| 1210     | 2051             | 1610     | 1190     | 2074              | 1523     | 1166     |
| 122      | 113              | 143      | 1194     | 162               | 221      | 289      |
| 113(4.0) | 104(3.7)         | 132(4.6) | 176(6.3) | 150(5.3)          | 203(7.1) | 266(9.4) |
| 70       | 63               | 80       | 109      | 88                | 120      | 157      |
|          |                  |          |          |                   |          |          |
|          | 600              |          |          | 850               |          |          |
|          | 600*540          |          |          | 700*620           |          |          |
|          | 900              |          |          | 920               |          |          |
|          | 2-4              |          |          | 2-4               |          |          |
|          | 400*300(350*250) |          |          | 450*350 (400*300) |          |          |
|          | 230              |          |          | 260               |          |          |
|          | 200              |          |          | 260               |          |          |
|          | 430              |          |          | 520               |          |          |
|          | 2.0              |          |          | 3.9               |          |          |
|          | 45               |          |          | 55                |          |          |
|          |                  |          |          |                   |          |          |
|          | 140              |          |          | 140               |          |          |
|          | 280              |          |          | 280               |          |          |
|          | 10(7.5)          |          |          | 15(11)            |          |          |
|          | 4.5              |          |          | 5.4               |          |          |
|          | 12               |          |          | 16.4              |          |          |
|          | 2.2*1.35*2.5     |          |          | 2.3*1.4*2.8       |          |          |
|          | 2.4              |          |          | 2.9               |          |          |

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| MACHINE MODEL              |                    | TM-1000R2(R3) |          | TM-1200R2(R3)    |          |          |
|----------------------------|--------------------|---------------|----------|------------------|----------|----------|
| INJECTION UNIT             |                    | A             | B        | A                | B        | C        |
| Screw diameter             | mm                 | 45            | 50       | 35               | 40       | 45       |
| Injection pressure         | Mpa                | 1702          | 1483     | 1960             | 1588     | 1254     |
| Theoretical shot volume    | cm <sup>3</sup>    | 249           | 286      | 162              | 201      | 254      |
| Shot weight(PS)            | g                  | 209(7.4)      | 240(8.5) | 150(5.3)         | 184(6.5) | 234(8.3) |
| Injection rate             | g/s                | 130           | 158      | 122              | 150      | 190      |
| CLAMPING UNIT              |                    |               |          |                  |          |          |
| Clamping force             | KN                 | 1000          |          | 1200             |          |          |
| Top platen size            | mm                 | —             |          | 830*740          |          |          |
| Shuttle table size         | mm                 | 1000          |          | 1300             |          |          |
| Rotary station             | station            | 2-4           |          | 2-4              |          |          |
| Mold size                  | mm                 | —             |          | 500*400(450*350) |          |          |
| Min.mold thickness         | mm                 | 250           |          | 250              |          |          |
| Opening stroke             | mm                 | 280           |          | 300              |          |          |
| Open Daylight              | mm                 | 580           |          | 550              |          |          |
| Ejector force              | KN                 | 5.3           |          | 4                |          |          |
| Ejector stroke             | mm                 | 65            |          | 75               |          |          |
| OTHERS                     |                    |               |          |                  |          |          |
| Hydraulic system pressure  | KG/CM <sup>2</sup> | 140           |          | 140              |          |          |
| Oil tank volume            | L                  | 350           |          | 400              |          |          |
| Electric power             | HP(KW)             | 20(15)        |          | 20(15)           |          |          |
| Barrel heating power       | KW                 | 10.4          |          | 10.4             |          |          |
| Total wattage              | KW                 | 21.3          |          | 25.4             |          |          |
| Machine dimensions (L*W*H) | m                  | 2.2*1.5*3.23  |          | 2.8*1.9*3.5      |          |          |
| Machine weight             | T                  | 3.55          |          | 6.8              |          |          |

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# Vertical Specifications

## (Rotary Vertical Injection Machine)

|  | TM-1600R2(R3)    |           |           | TM-2100R2(R3) |           |
|--|------------------|-----------|-----------|---------------|-----------|
|  | A                | B         | C         | A             | B         |
|  | 40               | 45        | 50        | 55            | 60        |
|  | 2573             | 2033      | 1646      | 1749          | 1470      |
|  | 270              | 342       | 422       | 522           | 622       |
|  | 250(8.8)         | 316(11.1) | 390(13.8) | 465(16.4)     | 555(19.6) |
|  | 104              | 131       | 162       | 180           | 215       |
|  |                  |           |           |               |           |
|  | 1600             |           |           | 2100          |           |
|  | 950*840          |           |           | —             |           |
|  | 1400             |           |           | 1400          |           |
|  | 2-4              |           |           | 2-4           |           |
|  | 550*450(500*400) |           |           | —             |           |
|  | 300              |           |           | 350           |           |
|  | 300              |           |           | 400           |           |
|  | 600              |           |           | 750           |           |
|  | 4.4              |           |           | 6.2           |           |
|  | 75               |           |           | 75            |           |
|  |                  |           |           |               |           |
|  | 140              |           |           | 140           |           |
|  | 430              |           |           | 500           |           |
|  | 20(15)           |           |           | 25(18.5)      |           |
|  | 10.4             |           |           | 12.5          |           |
|  | 29               |           |           | 34            |           |
|  | 3.25*2.14*4.0    |           |           | 3.7*2.3*4.5   |           |
|  | 9.6              |           |           | 11.3          |           |



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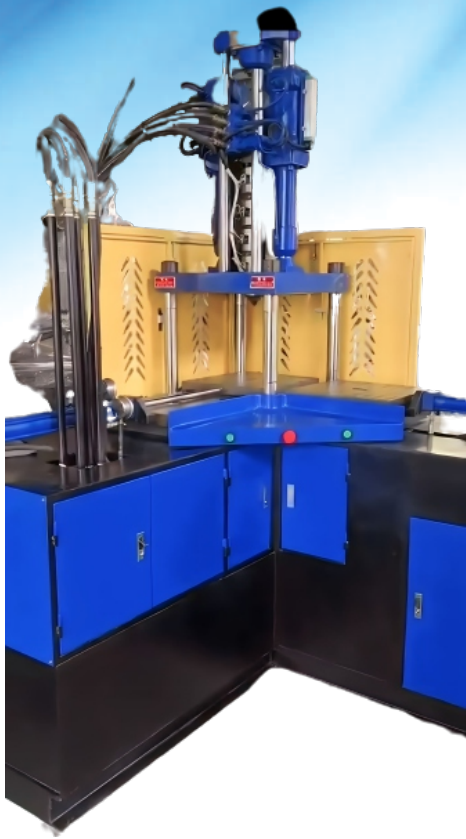
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