TECHNOLOGY TO THE POINT

SMART TECHNOLOGY | FLEXIBLE INTEGRATION | SUSTAINABLE SOLUTIONS

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HAITIAN PLASTICS MACHINERY

# JUPITER SERIES

## SERVO HYDRAULIC TWO-PLATEN SOLUTION

## TECHNICAL SPECIFICATION

13,000 - 88,000 kN

# JU13000 V

| | MACHINE TYPE | | JU13000 V | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLAMPING UNIT | Clamping force | kN | 13000 | | | | | | | | | | | | |
| | Mold opening stroke ① | mm | 2250/1500 | | | | | | | | | | | | |
| | Mold height min. | mm | 600 | | | | | | | | | | | | |
| | Mold height max. | mm | 1350 | | | | | | | | | | | | |
| | Total daylight max. | mm | 2850 | | | | | | | | | | | | |
| | Dist. between tie-bars (H×V) | mm | 1420×1170 | | | | | | | | | | | | |
| | Ejector stroke | mm | 350 | | | | | | | | | | | | |
| | Ejector force | kN | 230 | | | | | | | | | | | | |
| | Mold weight max. ② | t | 23 | | | | | | | | | | | | |
| INJECTION UNIT | | | 6750 | | | 8950 | | | 11500 | | | | 17500 | | |
| | | | A | B | C | A | B | C | A | B | C | D | A | B | C |
| | Screw diameter | mm | 90 | 100 | 110 | 100 | 110 | 120 | 110 | 120 | 130 | 140 | 130 | 140 | 150 |
| | Screw L/D ratio | L/D | 24.4 | 22 | 20 | 24.2 | 22 | 20.2 | 26.2 | 24 | 22.2 | 20.6 | 24 | 22.3 | 20.8 |
| | Injection volume (theoretical) | $cm^3$ | 2990 | 3691 | 4466 | 4005 | 4846 | 5767 | 5226 | 6220 | 7300 | 8466 | 8362 | 9698 | 11133 |
| | Injection weight (PS) | g | 2720 | 3359 | 4064 | 3645 | 4410 | 5248 | 4756 | 5660 | 6643 | 7704 | 7609 | 8825 | 10131 |
| | Injection rate (PS) ③ | g/s | 809 | 999 | 1209 | 797 | 965 | 1148 | 884 | 1052 | 1235 | 1432 | 1281 | 1486 | 1705 |
| | Injection pressure | MPa | 193 | 156 | 129 | 196 | 162 | 136 | 189 | 159 | 135 | 117 | 185 | 160 | 139 |
| | Injection pressure (max) | MPa | 222 | 180 | 148 | 223 | 184 | 154 | 217 | 183 | 156 | 134 | 210 | 181 | 158 |
| | Plasticizing rate (GPPS) ④ | g/s | 103.4 | 127.1 | 150.2 | 120.7 | 144.8 | 167.8 | 123.0 | 142.0 | 164.0 | 187.0 | 168.0 | 192.0 | 220.0 |
| | Plasticizing rate (HDPE) ⑤ | g/s | 155.6 | 191.0 | 227.5 | 181.2 | 217.2 | 247.0 | 187.0 | 217.0 | 240.0 | 273.0 | 252.0 | 283.0 | 336.0 |
| | Screw speed | rpm | 170 | | | 155 | | | 105 | | | | 102 | | |
| OTHERS | Pump motor power | kW | 127 | | | 127 | | | 135 | | | | 195 | | |
| | Heater power | kW | 71 | | | 83 | | | 104 | | | | 123 | | |
| | Machine dimension (L×W×H)⑥ | m | 9.99×3.45×3.23 | | | 10.48×3.45×3.29 | | | 10.79×3.45×4.22 | | | | 11.97×4.55×4.49 | | |
| | Machine weight | t | 53 | | | 54 | | | 57 | | | | 62 | | |
| | Hopper capacity (OP) | kg | 100 | | | 200 | | | 400 | | | | 400 | | |
| | Oil tank ⑦ | l | 590 | | | 840 | | | 840 | | | | 1670 | | |

NOTE:

① With min. mold height / with max. mold height.

② Moving platen: 2/3 of max. mold weight.

③ The injection rate refers to the parameter in the differential injection condition.

④ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

⑤ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.

⑥ The size is the net size of the machine,excluding the width of the feeding platform and the working platform.

⑦ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

The above plasticizing capacity is for reference only.

We reserve the right to make changes as a result of further technical advantages.

# DIMENSIONS **JU13000 V**

## CLAMPING UNIT

## FRONT VIEW

## FIXED PLATEN DIMENSIONS

## MOVING PLATEN DIMENSIONS

## TOP VIEW

## SIDE VIEW

## ROBOT MECHANICAL INTERFACE

## ROBOTTOP VIEW FIXED PLATEN

## STANDARD

| | INJECTION UNIT | | | | | | | | DIMENSIONS (mm) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | K | M | N |
| **6750** | 2700 | 2571 | 3222 | 2200 | 1771 | 1671 | 1218 | 1065 | 596 | 5409 | 4792 | 4639 | 2002 |
| **8950** | 2770 | 2571 | 3283 | 2200 | 1771 | 1671 | 1218 | 1065 | 596 | 5409 | 4892 | 4639 | 2002 |
| **11500** | 2770 | 2571 | 4215 | 2200 | 1771 | 1671 | 1308 | 1215 | 596 | 5409 | 5378 | 4639 | 2002 |
| **17500** | 2770 | 2571 | 4487 | 2200 | 1771 | 1671 | 1875 | 1323 | 796 | 5409 | 5805 | 4639 | 2002 |



We reserve the right to make changes as a result of further technical advantages.

# JU14000 V

| | MACHINE TYPE | | JU14000 V | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLAMPING UNIT | Clamping force | kN | 14000 | | | | | | | | | | | | |
| | Mold opening stroke ① | mm | 2350/1600 | | | | | | | | | | | | |
| | Mold height min. | mm | 700 | | | | | | | | | | | | |
| | Mold height max. | mm | 1450 | | | | | | | | | | | | |
| | Total daylight max. | mm | 3050 | | | | | | | | | | | | |
| | Dist. between tie-bars (H×V) | mm | 1470×1360 | | | | | | | | | | | | |
| | Ejector stroke | mm | 400 | | | | | | | | | | | | |
| | Ejector force | kN | 330 | | | | | | | | | | | | |
| | Mold weight max. ② | t | 27 | | | | | | | | | | | | |
| INJECTION UNIT | | | 6750 | | | 8950 | | | 11500 | | | | 17500 | | |
| | | | A | B | C | A | B | C | A | B | C | D | A | B | C |
| | Screw diameter | mm | 90 | 100 | 110 | 100 | 110 | 120 | 110 | 120 | 130 | 140 | 130 | 140 | 150 |
| | Screw L/D ratio | L/D | 24.4 | 22 | 20 | 24.2 | 22 | 20.2 | 26.2 | 24 | 22.2 | 20.6 | 24 | 22.3 | 20.8 |
| | Injection volume (theoretical) | $cm^3$ | 2990 | 3691 | 4466 | 4005 | 4846 | 5767 | 5226 | 6220 | 7300 | 8466 | 8362 | 9698 | 11133 |
| | Injection weight (PS) | g | 2720 | 3359 | 4064 | 3645 | 4410 | 5248 | 4756 | 5660 | 6643 | 7704 | 7609 | 8825 | 10131 |
| | Injection rate (PS) ③ | g/s | 809 | 999 | 1209 | 797 | 965 | 1148 | 884 | 1052 | 1235 | 1432 | 1281 | 1486 | 1705 |
| | Injection pressure | MPa | 193 | 156 | 129 | 196 | 162 | 136 | 189 | 159 | 135 | 117 | 185 | 160 | 139 |
| | Injection pressure (max) | MPa | 222 | 180 | 148 | 223 | 184 | 154 | 217 | 183 | 156 | 134 | 210 | 181 | 158 |
| | Plasticizing rate (GPPS) ④ | g/s | 103.4 | 127.1 | 150.2 | 120.7 | 144.8 | 167.8 | 123.0 | 142.0 | 164.0 | 187.0 | 168.0 | 192.0 | 220.0 |
| | Plasticizing rate (HDPE) ⑤ | g/s | 155.6 | 191.0 | 227.5 | 181.2 | 217.2 | 247.0 | 187.0 | 217.0 | 240.0 | 273.0 | 252.0 | 283.0 | 336.0 |
| | Screw speed | rpm | 170 | | | 155 | | | 105 | | | | 102 | | |
| OTHERS | Pump motor power | kW | 127 | | | 127 | | | 135 | | | | 195 | | |
| | Heater power | kW | 71 | | | 83 | | | 104 | | | | 123 | | |
| | Machine dimension (L×W×H)⑥ | m | 10.30×3.52×3.81 | | | 10.79×3.52×4.05 | | | 11.66×3.52×4.30 | | | | 12.28×4.58×4.57 | | |
| | Machine weight | t | 60 | | | 62 | | | 65 | | | | 70 | | |
| | Hopper capacity (OP) | kg | 100 | | | 200 | | | 400 | | | | 400 | | |
| | Oil tank ⑦ | l | 590 | | | 840 | | | 840 | | | | 1670 | | |

NOTE:

① With min. mold height / with max. mold height.

② Moving platen: 2/3 of max. mold weight.

③ The injection rate refers to the parameter in the differential injection condition.

④ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

⑤ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.

⑥ The size is the net size of the machine,excluding the width of the feeding platform and the working platform.

⑦ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

The above plasticizing capacity is for reference only.

We reserve the right to make changes as a result of further technical advantages.

# DIMENSIONS **JU14000 V**

## CLAMPING UNIT

## FRONT VIEW

## FIXED PLATEN DIMENSIONS

## MOVING PLATEN DIMENSIONS

## TOP VIEW

## SIDE VIEW

## ROBOT MECHANICAL INTERFACE

## ROBOTTOP VIEW FIXED PLATEN

## STANDARD

| | INJECTION UNIT | | | | | | | | | DIMENSIONS (mm) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | K | M | N |
| **6750** | 2910 | 2756 | 3802 | 2200 | 1806 | 1706 | 1218 | 1065 | 596 | 5776 | 4792 | 4951 | 2072 |
| **8950** | 2910 | 2756 | 4044 | 2200 | 1806 | 1706 | 1218 | 1065 | 596 | 5776 | 4842 | 4951 | 2072 |
| **11500** | 2910 | 2756 | 4295 | 2200 | 1806 | 1706 | 1308 | 1215 | 596 | 5776 | 5328 | 4951 | 2072 |
| **17500** | 2910 | 2756 | 4567 | 2200 | 1806 | 1706 | 1875 | 1323 | 796 | 5776 | 5755 | 4951 | 2072 |



We reserve the right to make changes as a result of further technical advantages.

# JU16000 V

| | MACHINE TYPE | | JU16000 V |
|---|---|---|---|
| CLAMPING UNIT | Clamping force | kN | 16000 |
| | Mold opening stroke ① | mm | 2550/1700 |
| | Mold height min. | mm | 700 |
| | Mold height max. | mm | 1550 |
| | Total daylight max. | mm | 3250 |
| | Dist. between tie-bars (H×V) | mm | 1570×1285 |
| | Ejector stroke | mm | 400 |
| | Ejector force | kN | 330 |
| | Mold weight max. ② | t | 33 |

| | | | 8950 | | | 11500 | | | | 17500 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | A | B | C | A | B | C | D | A | B | C |
| INJECTION UNIT | Screw diameter | mm | 100 | 110 | 120 | 110 | 120 | 130 | 140 | 130 | 140 | 150 |
| | Screw L/D ratio | L/D | 24.2 | 22 | 20.2 | 26.2 | 24 | 22.2 | 20.6 | 24 | 22.3 | 20.8 |
| | Injection volume (theoretical) | $cm^3$ | 4005 | 4846 | 5767 | 5226 | 6220 | 7300 | 8466 | 8362 | 9698 | 11133 |
| | Injection weight (PS) | g | 3645 | 4410 | 5248 | 4756 | 5660 | 6643 | 7704 | 7609 | 8825 | 10131 |
| | Injection rate (PS) ③ | g/s | 855 | 1034 | 1231 | 884 | 1052 | 1235 | 1432 | 1281 | 1486 | 1705 |
| | Injection pressure | MPa | 196 | 162 | 136 | 189 | 159 | 135 | 117 | 185 | 160 | 139 |
| | Injection pressure (max) | MPa | 223 | 184 | 154 | 217 | 183 | 156 | 134 | 210 | 181 | 158 |
| | Plasticizing rate (GPPS) ④ | g/s | 120.7 | 144.8 | 167.8 | 123.0 | 142.0 | 164.0 | 187.0 | 168.0 | 192.0 | 220.0 |
| | Plasticizing rate (HDPE) ⑤ | g/s | 181.2 | 217.2 | 247.0 | 187.0 | 217.0 | 240.0 | 273.0 | 252.0 | 283.0 | 336.0 |
| | Screw speed | rpm | 155 | | | 105 | | | | 102 | | |
| OTHERS | Pump motor power | kW | 135 | | | 135 | | | | 195 | | |
| | Heater power | kW | 83 | | | 104 | | | | 123 | | |
| | Machine dimension (L×W×H)⑥ | m | 11.27×3.52×4.02 | | | 11.83×3.52×4.27 | | | | 12.45×4.64×4.55 | | |
| | Machine weight | t | 69 | | | 71 | | | | 76 | | |
| | Hopper capacity (OP) | kg | 200 | | | 400 | | | | 400 | | |
| | Oil tank ⑦ | l | 840 | | | 840 | | | | 1670 | | |

NOTE:

① With min. mold height / with max. mold height.

② Moving platen: 2/3 of max. mold weight.

③ The injection rate refers to the parameter in the differential injection condition.

④ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

⑤ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.

⑥ The size is the net size of the machine,excluding the width of the feeding platform and the working platform.

⑦ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

The above plasticizing capacity is for reference only.

We reserve the right to make changes as a result of further technical advantages.

# DIMENSIONS **JU16000 V**

## CLAMPING UNIT

## FRONT VIEW

## FIXED PLATEN DIMENSIONS

## MOVING PLATEN DIMENSIONS

## TOP VIEW

## SIDE VIEW

## ROBOT MECHANICAL INTERFACE

## ROBOTTOP VIEW FIXED PLATEN

## STANDARD

| | INJECTION UNIT | | | | | | | | | DIMENSIONS (mm) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | K | M | N |
| **8950** | 2852 | 2708 | 4019 | 2220 | 1962 | 1762 | 1218 | 1065 | 596 | 5976 | 4842 | 5121 | 2184 |
| **11500** | 2852 | 2708 | 4270 | 2220 | 1962 | 1762 | 1308 | 1215 | 596 | 5976 | 5378 | 5121 | 2184 |
| **17500** | 2852 | 2708 | 4542 | 2220 | 1962 | 1762 | 1875 | 1323 | 796 | 5976 | 5755 | 5121 | 2184 |



We reserve the right to make changes as a result of further technical advantages.

# JU18500 V

| | MACHINE TYPE | | JU18500 V | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLAMPING UNIT | Clamping force | kN | 18500 | | | | | | | | | | | | |
| | Mold opening stroke ① | mm | 2600/1750 | | | | | | | | | | | | |
| | Mold height min. | mm | 750 | | | | | | | | | | | | |
| | Mold height max. | mm | 1600 | | | | | | | | | | | | |
| | Total daylight max. | mm | 3350 | | | | | | | | | | | | |
| | Dist. between tie-bars (H×V) | mm | 1900×1450 | | | | | | | | | | | | |
| | Ejector stroke | mm | 450 | | | | | | | | | | | | |
| | Ejector force | kN | 450 | | | | | | | | | | | | |
| | Mold weight max. ② | t | 40 | | | | | | | | | | | | |
| INJECTION UNIT | | | 11500 | | | | 17500 | | | 22500 | | | | 32500 | |
| | | | A | B | C | D | A | B | C | A | B | C | D | A | B |
| | Screw diameter | mm | 110 | 120 | 130 | 140 | 130 | 140 | 150 | 140 | 150 | 160 | 170 | 160 | 170 |
| | Screw L/D ratio | L/D | 26.2 | 24 | 22.2 | 20.6 | 24 | 22.3 | 20.8 | 24 | 22.4 | 21 | 19.8 | 24 | 22.6 |
| | Injection volume (theoretical) | $cm^3$ | 5226 | 6220 | 7300 | 8466 | 8362 | 9698 | 11133 | 10467 | 12016 | 13672 | 15434 | 17492 | 19747 |
| | Injection weight (PS) | g | 4756 | 5660 | 6643 | 7704 | 7609 | 8825 | 10131 | 9525 | 10935 | 12441 | 14045 | 15918 | 17970 |
| | Injection rate (PS) ③ | g/s | 884 | 1052 | 1235 | 1432 | 1281 | 1486 | 1705 | 1352 | 1552 | 1766 | 1994 | 1559 | 1761 |
| | Injection pressure | MPa | 189 | 159 | 135 | 117 | 185 | 160 | 139 | 185 | 161 | 141 | 125 | 160 | 142 |
| | Injection pressure (max) | MPa | 217 | 183 | 156 | 134 | 210 | 181 | 158 | 211 | 184 | 161 | 143 | 180 | 159 |
| | Plasticizing rate (GPPS) ④ | g/s | 123.0 | 142.0 | 164.0 | 187.0 | 168.0 | 192.0 | 220.0 | 155.0 | 176.0 | 196.0 | 222.0 | \ | \ |
| | Plasticizing rate (HDPE) ⑤ | g/s | 187.0 | 217.0 | 240.0 | 273.0 | 252.0 | 283.0 | 336.0 | 243.0 | 294.0 | 303.0 | 334.0 | 280.0 | 310.0 |
| | Screw speed | rpm | 105 | | | | 102 | | | 85 | | | | 72 | |
| OTHERS | Pump motor power | kW | 135 | | | | 195 | | | 205 | | | | 205 | |
| | Heater power | kW | 104 | | | | 123 | | | 137 | | | | 189 | |
| | Machine dimension (L×W×H)⑥ | m | 11.52×3.93×4.47 | | | | 12.70×4.74×4.74 | | | 12.93×4.86×4.75 | | | | 13.88×4.86×4.76 | |
| | Machine weight | t | 83 | | | | 87 | | | 92 | | | | 94 | |
| | Hopper capacity (OP) | kg | 400 | | | | 400 | | | 400 | | | | 400 | |
| | Oil tank ⑦ | l | 840 | | | | 1670 | | | 1670 | | | | 1670 | |

NOTE:

① With min. mold height / with max. mold height.

② Moving platen: 2/3 of max. mold weight.

③ The injection rate refers to the parameter in the differential injection condition.

④ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

⑤ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.

⑥ The size is the net size of the machine,excluding the width of the feeding platform and the working platform.

⑦ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

The above plasticizing capacity is for reference only.

We reserve the right to make changes as a result of further technical advantages.

# DIMENSIONS **JU18500 V**

## CLAMPING UNIT

## FRONT VIEW

## FIXED PLATEN DIMENSIONS

## MOVING PLATEN DIMENSIONS

## TOP VIEW

## SIDE VIEW

## ROBOT MECHANICAL INTERFACE

## ROBOTTOP VIEW FIXED PLATEN

## STANDARD

| | INJECTION UNIT | | | | | | | | | | | DIMENSIONS (mm) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | K | M | N |
| **11500** | 3175 | 3006 | 4468 | 2220 | 2064 | 1964 | 1308 | 1215 | 596 | 6356 | 5378 | 5371 | 2388 |
| **17500** | 3175 | 3006 | 4740 | 2220 | 2064 | 1964 | 1875 | 1323 | 796 | 6356 | 5655 | 5371 | 2388 |
| **22500** | 3175 | 3006 | 4745 | 2220 | 2064 | 1964 | 1935 | 1422 | 796 | 6356 | 6210 | 5371 | 2388 |
| **32500** | 3175 | 3006 | 4755 | 2220 | 2064 | 1964 | 1935 | 1422 | 796 | 6356 | 7228 | 5371 | 2388 |



We reserve the right to make changes as a result of further technical advantages.

# JU21000 V

| | MACHINE TYPE | | JU21000 V |
|---|---|---|---|
| CLAMPING UNIT | Clamping force | kN | 21000 |
| | Mold opening stroke ① | mm | 2700/1800 |
| | Mold height min. | mm | 800 |
| | Mold height max. | mm | 1700 |
| | Total daylight max. | mm | 3500 |
| | Dist. between tie-bars (H×V) | mm | 1920×1480 |
| | Ejector stroke | mm | 450 |
| | Ejector force | kN | 450 |
| | Mold weight max. ② | t | 50 |

| | | | 11500 | | | | 17500 | | | 22500 | | | | 32500 | | 40500 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | A | B | C | D | A | B | C | A | B | C | D | A | B | A | B |
| INJECTION UNIT | Screw diameter | mm | 110 | 120 | 130 | 140 | 130 | 140 | 150 | 140 | 150 | 160 | 170 | 160 | 170 | 170 | 185 |
| | Screw L/D ratio | L/D | 26.2 | 24 | 22.2 | 20.6 | 24 | 22.3 | 20.8 | 24 | 22.4 | 21 | 19.8 | 24 | 22.6 | 23.5 | 21.6 |
| | Injection volume (theoretical) | $cm^3$ | 5226 | 6220 | 7300 | 8466 | 8362 | 9698 | 11133 | 10467 | 12016 | 13672 | 15434 | 17492 | 19747 | 23378 | 27686 |
| | Injection weight (PS) | g | 4756 | 5660 | 6643 | 7704 | 7609 | 8825 | 10131 | 9525 | 10935 | 12441 | 14045 | 15918 | 17970 | 21274 | 25194 |
| | Injection rate (PS) ③ | g/s | 1255 | 1493 | 1753 | 2033 | 1281 | 1486 | 1705 | 1352 | 1552 | 1766 | 1994 | 1559 | 1761 | 1576 | 1867 |
| | Injection pressure | MPa | 189 | 159 | 135 | 117 | 185 | 160 | 139 | 185 | 161 | 141 | 125 | 160 | 142 | 159 | 134 |
| | Injection pressure (max) | MPa | 217 | 183 | 156 | 134 | 210 | 181 | 158 | 211 | 184 | 161 | 143 | 180 | 159 | 179 | 151 |
| | Plasticizing rate (GPPS) ④ | g/s | 123.0 | 142.0 | 164.0 | 187.0 | 168.0 | 192.0 | 220.0 | 155.0 | 176.0 | 196.0 | 222.0 | \ | \ | \ | \ |
| | Plasticizing rate (HDPE) ⑤ | g/s | 187.0 | 217.0 | 240.0 | 273.0 | 252.0 | 283.0 | 336.0 | 243.0 | 294.0 | 303.0 | 334.0 | 280.0 | 310.0 | 309.0 | 320.0 |
| | Screw speed | rpm | 125 | | | | 102 | | | 85 | | | | 72 | | 70 | |
| OTHERS | Pump motor power | kW | 195 | | | | 195 | | | 205 | | | | 205 | | 205 | |
| | Heater power | kW | 104 | | | | 123 | | | 137 | | | | 189 | | 211 | |
| | Machine dimension (L×W×H)⑥ | m | 11.59×5.07×4.51 | | | | 12.77×5.85×4.78 | | | 13.00×5.97×4.79 | | | | 13.95×5.97×4.80 | | 14.78×5.97×4.82 | |
| | Machine weight | t | 94 | | | | 98 | | | 102 | | | | 105 | | 112 | |
| | Hopper capacity (OP) | kg | 400 | | | | 400 | | | 400 | | | | 400 | | 400 | |
| | Oil tank ⑦ | l | 840 | | | | 1670 | | | 1670 | | | | 1670 | | 1670 | |

NOTE:

① With min. mold height / with max. mold height.

② Moving platen: 2/3 of max. mold weight.

③ The injection rate refers to the parameter in the differential injection condition.

④ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

⑤ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.

⑥ The size is the net size of the machine,excluding the width of the feeding platform and the working platform.

⑦ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

The above plasticizing capacity is for reference only.

We reserve the right to make changes as a result of further technical advantages.

# DIMENSIONS **JU21000 V**

## CLAMPING UNIT

## FRONT VIEW

## FIXED PLATEN DIMENSIONS

## MOVING PLATEN DIMENSIONS

## TOP VIEW

## SIDE VIEW

## ROBOT MECHANICAL INTERFACE

## ROBOTTOP VIEW FIXED PLATEN

## STANDARD

| | INJECTION UNIT | | | | | | | | | | | DIMENSIONS (mm) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
| **11500** | 3250 | 3076 | 4508 | 2202 | 2092 | 2092 | 1308 | 1215 | 596 | 6425 | 5378 | 2812 | 5440 | 2442 | 864 |
| **17500** | 3250 | 3076 | 4780 | 2202 | 2092 | 2092 | 1875 | 1323 | 796 | 6425 | 5755 | 2812 | 5440 | 2442 | 864 |
| **22500** | 3250 | 3076 | 4785 | 2202 | 2092 | 2092 | 1935 | 1422 | 796 | 6425 | 6260 | 2812 | 5440 | 2442 | 864 |
| **32500** | 3250 | 3076 | 4795 | 2202 | 2092 | 2092 | 1935 | 1422 | 796 | 6425 | 7278 | 2812 | 5440 | 2442 | 864 |
| **40500** | 3250 | 3076 | 4820 | 2202 | 2092 | 2092 | 1965 | 1452 | 796 | 6425 | 7966 | 2812 | 5440 | 2442 | 864 |



We reserve the right to make changes as a result of further technical advantages.

# JU24000 V

| | MACHINE TYPE | | JU24000 V |
|---|---|---|---|
| CLAMPING UNIT | Clamping force | kN | 24000 |
| | Mold opening stroke ① | mm | 3000/2000 |
| | Mold height min. | mm | 800 |
| | Mold height max. | mm | 1800 |
| | Total daylight max. | mm | 3800 |
| | Dist. between tie-bars (H×V) | mm | 2020×1620 |
| | Ejector stroke | mm | 500 |
| | Ejector force | kN | 450 |
| | Mold weight max. ② | t | 59 |

| | | | 17500 | | | 22500 | | | | 32500 | | 40500 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | A | B | C | A | B | C | D | A | B | A | B |
| INJECTION UNIT | Screw diameter | mm | 130 | 140 | 150 | 140 | 150 | 160 | 170 | 160 | 170 | 170 | 185 |
| | Screw L/D ratio | L/D | 24 | 22.3 | 20.8 | 24 | 22.4 | 21 | 19.8 | 24 | 22.6 | 23.5 | 21.6 |
| | Injection volume (theoretical) | $cm^3$ | 8362 | 9698 | 11133 | 10467 | 12016 | 13672 | 15434 | 17492 | 19747 | 23378 | 27686 |
| | Injection weight (PS) | g | 7609 | 8825 | 10131 | 9525 | 10935 | 12441 | 14045 | 15918 | 17970 | 21274 | 25194 |
| | Injection rate (PS) ③ | g/s | 1348 | 1564 | 1795 | 1352 | 1552 | 1766 | 1994 | 1559 | 1761 | 1576 | 1867 |
| | Injection pressure | MPa | 185 | 160 | 139 | 185 | 161 | 141 | 125 | 160 | 142 | 159 | 134 |
| | Injection pressure (max) | MPa | 210 | 181 | 158 | 211 | 184 | 161 | 143 | 180 | 159 | 179 | 151 |
| | Plasticizing rate (GPPS) ④ | g/s | 168.0 | 192.0 | 220.0 | 155.0 | 176.0 | 196.0 | 222.0 | \ | \ | \ | \ |
| | Plasticizing rate (HDPE) ⑤ | g/s | 252.0 | 283.0 | 336.0 | 243.0 | 294.0 | 303.0 | 334.0 | 280.0 | 310.0 | 309.0 | 320.0 |
| | Screw speed | rpm | 114 | | | 85 | | | | 72 | | 70 | |
| OTHERS | Pump motor power | kW | 205 | | | 205 | | | | 205 | | 205 | |
| | Heater power | kW | 123 | | | 137 | | | | 189 | | 211 | |
| | Machine dimension (L×W×H)⑥ | m | 13.21×5.96×4.90 | | | 13.45×6.08×4.91 | | | | 14.40×6.08×4.92 | | 15.23×6.08×4.94 | |
| | Machine weight | t | 114 | | | 118 | | | | 121 | | 129 | |
| | Hopper capacity (OP) | kg | 400 | | | 400 | | | | 400 | | 400 | |
| | Oil tank ⑦ | l | 1670 | | | 1670 | | | | 1670 | | 1670 | |

NOTE:

① With min. mold height / with max. mold height.

② Moving platen: 2/3 of max. mold weight.

③ The injection rate refers to the parameter in the differential injection condition.

④ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

⑤ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.

⑥ The size is the net size of the machine,excluding the width of the feeding platform and the working platform.

⑦ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

The above plasticizing capacity is for reference only.

We reserve the right to make changes as a result of further technical advantages.

# DIMENSIONS **JU24000 V**

## CLAMPING UNIT

## FRONT VIEW

## FIXED PLATEN DIMENSIONS

## MOVING PLATEN DIMENSIONS

## TOP VIEW

## SIDE VIEW

## ROBOT MECHANICAL INTERFACE

## ROBOTTOP VIEW FIXED PLATEN

## STANDARD

| | INJECTION UNIT | | | | | | | | | | DIMENSIONS (mm) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
| **17500** | 3480 | 3286 | 4900 | 2202 | 2300 | 2249 | 1875 | 1323 | 796 | 7081 | 5655 | 2812 | 5886 | 2672 | 864 |
| **22500** | 3480 | 3286 | 4905 | 2202 | 2300 | 2249 | 1935 | 1422 | 796 | 7081 | 6210 | 2812 | 5886 | 2672 | 864 |
| **32500** | 3480 | 3286 | 4915 | 2202 | 2300 | 2249 | 1935 | 1422 | 796 | 7081 | 7178 | 2812 | 5886 | 2672 | 864 |
| **40500** | 3480 | 3286 | 4940 | 2202 | 2300 | 2249 | 1965 | 1452 | 796 | 7081 | 7766 | 2812 | 5886 | 2672 | 864 |



We reserve the right to make changes as a result of further technical advantages.

# JU28000 V

| | MACHINE TYPE | | JU28000 V |
|---|---|---|---|
| CLAMPING UNIT | Clamping force | kN | 28000 |
| | Mold opening stroke ① | mm | 3300/2100 |
| | Mold height min. | mm | 800 |
| | Mold height max. | mm | 2000 |
| | Total daylight max. | mm | 4100 |
| | Dist. between tie-bars (H×V) | mm | 2185×1755 |
| | Ejector stroke | mm | 500 |
| | Ejector force | kN | 450 |
| | Mold weight max. ② | t | 66 |

| | | | 22500 | | | | 32500 | | 40500 | | 50500 | 62500 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | A | B | C | D | A | B | A | B | B | B |
| INJECTION UNIT | Screw diameter | mm | 140 | 150 | 160 | 170 | 160 | 170 | 170 | 185 | 200 | 220 |
| | Screw L/D ratio | L/D | 24 | 22.4 | 21 | 19.8 | 24 | 22.6 | 23.5 | 21.6 | 20 | 20.5 |
| | Injection volume (theoretical) | $cm^3$ | 10467 | 12016 | 13672 | 15434 | 17492 | 19747 | 23378 | 27686 | 35185 | 45615 |
| | Injection weight (PS) | g | 9525 | 10935 | 12441 | 14045 | 15918 | 17970 | 21274 | 25194 | 32019 | 41510 |
| | Injection rate (PS) ③ | g/s | 1352 | 1552 | 1766 | 1994 | 1559 | 1761 | 1576 | 1867 | 2386 | 2617 |
| | Injection pressure | MPa | 185 | 161 | 141 | 125 | 160 | 142 | 159 | 134 | 132 | 120 |
| | Injection pressure (max) | MPa | 211 | 184 | 161 | 143 | 180 | 159 | 179 | 151 | 147 | 135 |
| | Plasticizing rate (GPPS) ④ | g/s | 155.0 | 176.0 | 196.0 | 222.0 | \ | \ | \ | \ | \ | \ |
| | Plasticizing rate (HDPE) ⑤ | g/s | 243.0 | 294.0 | 303.0 | 334.0 | 280.0 | 310.0 | 309.0 | 320.0 | 380.0 | 370.0 |
| | Screw speed | rpm | 94 | | | | 81 | | 70 | | 70 | 53 |
| OTHERS | Pump motor power | kW | 205 | | | | 205 | | 205 | | 255 | 255 |
| | Heater power | kW | 137 | | | | 189 | | 211 | | 211 | 228 |
| | Machine dimension (L×W×H)⑥ | m | 13.91×6.13×5.06 | | | | 14.86×6.13×5.07 | | 15.69×6.13×5.09 | | 16.02×6.30×5.13 | 16.57×6.30×4.13 |
| | Machine weight | t | 138 | | | | 141 | | 148 | | 153 | 156 |
| | Hopper capacity (OP) | kg | 400 | | | | 400 | | 400 | | 400 | 400 |
| | Oil tank ⑦ | l | 1670 | | | | 1670 | | 1670 | | 2800 | 2800 |

NOTE:

① With min. mold height / with max. mold height.

② Moving platen: 2/3 of max. mold weight.

③ The injection rate refers to the parameter in the differential injection condition.

④ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

⑤ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.

⑥ The size is the net size of the machine,excluding the width of the feeding platform and the working platform.

⑦ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

The above plasticizing capacity is for reference only.

We reserve the right to make changes as a result of further technical advantages.

# DIMENSIONS **JU28000 V**

## CLAMPING UNIT

## FRONT VIEW

## FIXED PLATEN DIMENSIONS

## MOVING PLATEN DIMENSIONS

## TOP VIEW

## SIDE VIEW

## ROBOT MECHANICAL INTERFACE

## ROBOTTOP VIEW FIXED PLATEN

## STANDARD

| | INJECTION UNIT | | | | | | | | | | DIMENSIONS (mm) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
| **22500** | 3725 | 3524 | 5052 | 2202 | 2300 | 2249 | 1935 | 1422 | 796 | 7620 | 6160 | 2812 | 6350 | 2767 | 864 |
| **32500** | 3725 | 3524 | 5062 | 2202 | 2300 | 2249 | 1935 | 1422 | 796 | 7620 | 7178 | 2812 | 6350 | 2767 | 864 |
| **40500** | 3725 | 3524 | 5087 | 2202 | 2300 | 2249 | 1965 | 1452 | 796 | 7620 | 7766 | 2812 | 6350 | 2767 | 864 |
| **50500** | 3725 | 3524 | 5122 | 2202 | 2300 | 2249 | 2010 | 1497 | 796 | 7620 | 8228 | 2812 | 6350 | 2767 | 864 |
| **62500** | 3725 | 3524 | 5122 | 2202 | 2300 | 2249 | 2010 | 1497 | 796 | 7620 | 8778 | 2812 | 6350 | 2767 | 864 |



We reserve the right to make changes as a result of further technical advantages.

# JU33000 V

| | MACHINE TYPE | | | | | | | | | | | JU33000 V |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLAMPING UNIT | Clamping force | kN | | | | | | | | | | 33000 |
| | Mold opening stroke ① | mm | | | | | | | | | | 3200/2200 |
| | Mold height min. | mm | | | | | | | | | | 1000 |
| | Mold height max. | mm | | | | | | | | | | 2000 |
| | Total daylight max. | mm | | | | | | | | | | 4200 |
| | Dist. between tie-bars (H×V) | mm | | | | | | | | | | 2270×1900 |
| | Ejector stroke | mm | | | | | | | | | | 550 |
| | Ejector force | kN | | | | | | | | | | 580 |
| | Mold weight max. ② | t | | | | | | | | | | 75 |
| INJECTION UNIT | | | 22500 | | | | 32500 | | 40500 | | 50500 | 62500 |
| | | | A | B | C | D | A | B | A | B | B | B |
| | Screw diameter | mm | 140 | 150 | 160 | 170 | 160 | 170 | 170 | 185 | 200 | 220 |
| | Screw L/D ratio | L/D | 24 | 22.4 | 21 | 19.8 | 24 | 22.6 | 23.5 | 21.6 | 20 | 20.5 |
| | Injection volume (theoretical) | $cm^3$ | 10467 | 12016 | 13672 | 15434 | 17492 | 19747 | 23378 | 27686 | 35185 | 45615 |
| | Injection weight (PS) | g | 9525 | 10935 | 12441 | 14045 | 15918 | 17970 | 21274 | 25194 | 32019 | 41510 |
| | Injection rate (PS) ③ | g/s | 1352 | 1552 | 1766 | 1994 | 1559 | 1761 | 1576 | 1867 | 2386 | 2617 |
| | Injection pressure | MPa | 185 | 161 | 141 | 125 | 160 | 142 | 159 | 134 | 132 | 120 |
| | Injection pressure (max) | MPa | 211 | 184 | 161 | 143 | 180 | 159 | 179 | 151 | 147 | 135 |
| | Plasticizing rate (GPPS) ④ | g/s | 155.0 | 176.0 | 196.0 | 222.0 | \ | \ | \ | \ | \ | \ |
| | Plasticizing rate (HDPE) ⑤ | g/s | 243.0 | 294.0 | 303.0 | 334.0 | 280.0 | 310.0 | 309.0 | 320.0 | 380.0 | 370.0 |
| | Screw speed | rpm | 94 | | | | 81 | | 70 | | 70 | 53 |
| OTHERS | Pump motor power | kW | 205 | | | | 205 | | 205 | | 255 | 255 |
| | Heater power | kW | 137 | | | | 189 | | 211 | | 211 | 228 |
| | Machine dimension (L×W×H)⑥ | m | 14.27×6.31×5.22 | | | | 15.22×6.31×5.23 | | 16.05×6.31×5.25 | | 16.37×6.48×5.29 | 17.41×6.48×5.29 |
| | Machine weight | t | 164 | | | | 167 | | 174 | | 179 | 183 |
| | Hopper capacity (OP) | kg | 400 | | | | 400 | | 400 | | 400 | 400 |
| | Oil tank ⑦ | l | 1670 | | | | 1670 | | 1670 | | 2800 | 2800 |

NOTE:

① With min. mold height / with max. mold height.

② Moving platen: 2/3 of max. mold weight.

③ The injection rate refers to the parameter in the differential injection condition.

④ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

⑤ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.

⑥ The size is the net size of the machine,excluding the width of the feeding platform and the working platform.

⑦ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

The above plasticizing capacity is for reference only.

We reserve the right to make changes as a result of further technical advantages.

# DIMENSIONS **JU33000 V**

## CLAMPING UNIT

## FRONT VIEW

## FIXED PLATEN DIMENSIONS

## MOVING PLATEN DIMENSIONS

## TOP VIEW

## SIDE VIEW

## ROBOT MECHANICAL INTERFACE

## ROBOTTOP VIEW FIXED PLATEN

## STANDARD

| | INJECTION UNIT | | | | | | | | | | DIMENSIONS (mm) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
| **22500** | 3995 | 3786 | 5212 | 2202 | 2479 | 2429 | 1935 | 1422 | 796 | 8075 | 6260 | 2812 | 6705 | 3126 | 864 |
| **32500** | 3995 | 3786 | 5222 | 2202 | 2479 | 2429 | 1935 | 1422 | 796 | 8075 | 7278 | 2812 | 6705 | 3126 | 864 |
| **40500** | 3995 | 3786 | 5247 | 2202 | 2479 | 2429 | 1965 | 1452 | 796 | 8075 | 7866 | 2812 | 6705 | 3126 | 864 |
| **50500** | 3995 | 3786 | 5282 | 2202 | 2479 | 2429 | 2010 | 1497 | 796 | 8075 | 8378 | 2812 | 6705 | 3126 | 864 |
| **62500** | 3995 | 3786 | 5282 | 2202 | 2479 | 2429 | 2010 | 1497 | 796 | 8075 | 8678 | 2812 | 6705 | 3126 | 864 |



We reserve the right to make changes as a result of further technical advantages.

# JU40000 V

| | MACHINE TYPE | | JU40000 V | |
|---|---|---|---|---|
| CLAMPING UNIT | Clamping force | kN | 40000 | |
| | Mold opening stroke ① | mm | 3460/2260 | |
| | Mold height min. | mm | 1000 | |
| | Mold height max. | mm | 2200 | |
| | Total daylight max. | mm | 4460 | |
| | Dist. between tie-bars (H×V) | mm | 2400×2000 | |
| | Ejector stroke | mm | 550 | |
| | Ejector force | kN | 580 | |
| | Mold weight max. ② | t | 86 | |
| INJECTION UNIT | | | 93500 | 106500 |
| | | | B | B |
| | Screw diameter | mm | 240 | 260 |
| | Screw L/D ratio | L/D | 23 | 23 |
| | Injection volume (theoretical) | $cm^3$ | 60167 | 80170 |
| | Injection weight (PS) | g | 54752 | 72954 |
| | Injection rate (PS) ③ | g/s | 3188 | 3741 |
| | Injection pressure | MPa | 141 | 120 |
| | Injection pressure (max) | MPa | 155 | 132 |
| | Plasticizing rate (GPPS) ④ | g/s | \ | \ |
| | Plasticizing rate (HDPE) ⑤ | g/s | 470.0 | 500.0 |
| | Screw speed | rpm | 50 | 42 |
| OTHERS | | | | |
| | Pump motor power | kW | 360 | 360 |
| | Heater power | kW | 297 | 321 |
| | Machine dimension (L×W×H)⑥ | m | 19.70×6.55×5.70 | 20.25×6.55×5.70 |
| | Machine weight | t | 225 | 230 |
| | Hopper capacity (OP) | kg | 600 | 600 |
| | Oil tank ⑦ | l | 3150 | 3150 |

NOTE:

① With min. mold height / with max. mold height.

② Moving platen: 2/3 of max. mold weight.

③ The injection rate refers to the parameter in the differential injection condition.

④ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

⑤ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.

⑥ The size is the net size of the machine,excluding the width of the feeding platform and the working platform.

⑦ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

The above plasticizing capacity is for reference only.

We reserve the right to make changes as a result of further technical advantages.

# DIMENSIONS **JU40000 V**

## CLAMPING UNIT

## FRONT VIEW

## FIXED PLATEN DIMENSIONS

## MOVING PLATEN DIMENSIONS

## TOP VIEW

## SIDE VIEW

## ROBOT MECHANICAL INTERFACE

## ROBOTTOP VIEW FIXED PLATEN

## STANDARD

| | INJECTION UNIT | | | | | | | | | | DIMENSIONS (mm) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
| **93500** | 4185 | 3951 | 5699 | 2202 | 2546 | 2496 | 2085 | 1562 | 796 | 8511 | 10092 | 2812 | 7051 | 3260 | 864 |
| **106500** | 4185 | 3951 | 5699 | 2202 | 2546 | 2496 | 2085 | 1562 | 796 | 8511 | 10742 | 2812 | 7051 | 3260 | 864 |



We reserve the right to make changes as a result of further technical advantages.

# JU55000 V

| | MACHINE TYPE | | | JU55000 V |
|---|---|---|---|---|
| CLAMPING UNIT | Clamping force | kN | | 55000 |
| | Mold opening stroke ① | mm | | 3500/4700 |
| | Mold height min. | mm | | 1300 |
| | Mold height max. | mm | | 2500 |
| | Total daylight max. | mm | | 6000 |
| | Dist. between tie-bars (H×V) | mm | | 2600×2600 |
| | Ejector stroke | mm | | 600 |
| | Ejector force | kN | | 800 |
| | Mold weight max. ② | t | | 130 |
| INJECTION UNIT | | | 93500 | 106500 |
| | | | B | B |
| | Screw diameter | mm | 240 | 260 |
| | Screw L/D ratio | L/D | 23 | 23 |
| | Injection volume (theoretical) | $cm^3$ | 60167 | 80170 |
| | Injection weight (PS) | g | 54752 | 72954 |
| | Injection rate (PS) ③ | g/s | 3188 | 3741 |
| | Injection pressure | MPa | 141 | 120 |
| | Injection pressure (max) | MPa | 155 | 132 |
| | Plasticizing rate (GPPS) ④ | g/s | \ | \ |
| | Plasticizing rate (HDPE) ⑤ | g/s | 470.0 | 500.0 |
| | Screw speed | rpm | 50 | 42 |
| OTHERS | | | | |
| | Pump motor power | kW | 360 | 360 |
| | Heater power | kW | 297 | 321 |
| | Machine dimension (L×W×H)⑥ | m | 21.46×6.89×6.28 | 22.01×6.89×6.28 |
| | Machine weight | t | 365 | 370 |
| | Hopper capacity (OP) | kg | 600 | 600 |
| | Oil tank ⑦ | l | 3150 | 3150 |

NOTE:

① With min. mold height / with max. mold height.

② Moving platen: 2/3 of max. mold weight.

③ The injection rate refers to the parameter in the differential injection condition.

④ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

⑤ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.

⑥ The size is the net size of the machine,excluding the width of the feeding platform and the working platform.

⑦ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

The above plasticizing capacity is for reference only.

We reserve the right to make changes as a result of further technical advantages.

# DIMENSIONS **JU55000 V**

## CLAMPING UNIT

## FRONT VIEW

## FIXED PLATEN DIMENSIONS

## MOVING PLATEN DIMENSIONS

## TOP VIEW

## SIDE VIEW

## ROBOT MECHANICAL INTERFACE

## ROBOTTOP VIEW FIXED PLATEN

## STANDARD

| | INJECTION UNIT | | | | | | | | | | DIMENSIONS (mm) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
| **93500** | 5120 | 4886 | 6274 | 2252 | 2836 | 2836 | 2085 | 1562 | 796 | 10413 | 10192 | 2862 | 8812 | 3340 | 864 |
| **106500** | 5120 | 4886 | 6274 | 2252 | 2836 | 2836 | 2085 | 1562 | 796 | 10413 | 10592 | 2862 | 8812 | 3340 | 864 |



We reserve the right to make changes as a result of further technical advantages.

# JU66000 V

| | MACHINE TYPE | | JU66000 V | |
|---|---|---|---|---|
| CLAMPING UNIT | Clamping force | kN | 66000 | |
| | Mold opening stroke ① | mm | 3200/5200 | |
| | Mold height min. | mm | 1500 | |
| | Mold height max. | mm | 3500 | |
| | Total daylight max. | mm | 6700 | |
| | Dist. between tie-bars (H×V) | mm | 3200×2600 | |
| | Ejector stroke | mm | 1000 | |
| | Ejector force | kN | 810 | |
| | Mold weight max. ② | t | 180 | |
| INJECTION UNIT | | | 202500 | |
| | | | A | B |
| | Screw diameter | mm | 285 | 300 |
| | Screw L/D ratio | L/D | 24 | 24 |
| | Injection volume (theoretical) | $cm^3$ | 121208 | 134303 |
| | Injection weight (PS) | g | 110299 | 122215 |
| | Injection rate (PS) ③ | g/s | 3196 | 3541 |
| | Injection pressure | MPa | \ | \ |
| | Injection pressure (max) | MPa | 176 | 158 |
| | Plasticizing rate (GPPS) ④ | g/s | \ | \ |
| | Plasticizing rate (HDPE) ⑤ | g/s | 450.0 | 485.0 |
| | Screw speed | rpm | 28 | |
| OTHERS | | | | |
| | Pump motor power | kW | 450 | |
| | Heater power | kW | 450 | 480 |
| | Machine dimension (L×W×H)⑥ | m | 25×7.3×6.8 | 25×7.3×6.8 |
| | Machine weight | t | 500 | 500 |
| | Hopper capacity (OP) | kg | 600 | 600 |
| | Oil tank ⑦ | l | 5000 | 5000 |

NOTE:
① With min. mold height / with max. mold height.
② Moving platen: 2/3 of max. mold weight.
③ The injection rate refers to the parameter in the differential injection condition.
④ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.
⑤ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.
⑥ The size is the net size of the machine,excluding the width of the feeding platform and the working platform.
⑦ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

The above plasticizing capacity is for reference only.

We reserve the right to make changes as a result of further technical advantages.





# JU88000 V

| | MACHINE TYPE | | JU88000 V |
|---|---|---|---|
| CLAMPING UNIT | Clamping force | kN | 88000 |
| | Mold opening stroke ① | mm | 3500/5300 |
| | Mold height min. | mm | 1700 |
| | Mold height max. | mm | 3500 |
| | Total daylight max. | mm | 7000 |
| | Dist. between tie-bars (H×V) | mm | 3400×2820 |
| | Ejector stroke | mm | 1000 |
| | Ejector force | kN | 1000 |
| | Mold weight max. ② | kN | 180 |
| INJECTION UNIT | | | 202500 |
| | | | B |
| | Screw diameter | mm | 300 |
| | Screw L/D ratio | L/D | 24 |
| | Injection volume (theoretical) | $cm^3$ | 134303 |
| | Injection weight (PS) | g | 122215 |
| | Injection rate (PS) ③ | g/s | 3541 |
| | Injection pressure | MPa | \ |
| | Injection pressure (max) | MPa | 158 |
| | Plasticizing rate (GPPS) ④ | g/s | \ |
| | Plasticizing rate (HDPE) ⑤ | g/s | 485.0 |
| | Screw speed | rpm | 28 |
| OTHERS | | | |
| | Pump motor power | kW | 450 |
| | Heater power | kW | 480 |
| | Machine dimension (L×W×H)⑥ | m | 28×9.5×6.8 |
| | Machine weight | t | 610 |
| | Hopper capacity (OP) | kg | 600 |
| | Oil tank ⑦ | l | 5500 |

NOTE:
① With min. mold height / with max. mold height.
② Moving platen: 2/3 of max. mold weight.
③ The injection rate refers to the parameter in the differential injection condition.
④ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.
⑤ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.
⑥ The size is the net size of the machine,excluding the width of the feeding platform and the working platform.
⑦ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

The above plasticizing capacity is for reference only.

We reserve the right to make changes as a result of further technical advantages.