

TECHNOLOGY TO THE POINT



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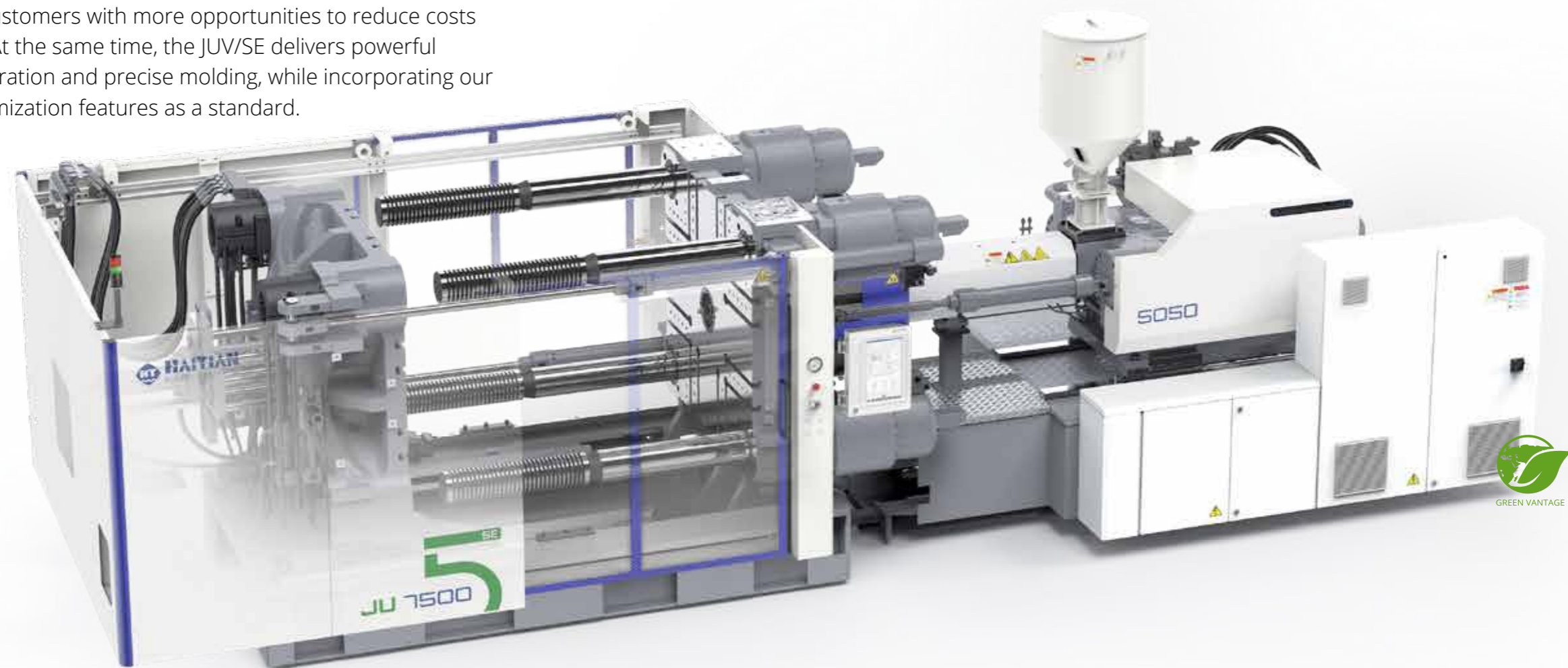
JUV/SE

JUPITER Series

Servo-Hydraulic Two-Platen Solution
4,500 - 10,800 kN

JUV/SE Space Saving Two-Platen Special Edition

The Jupiter V Special Edition is the economical version of our two-platen injection molding series developed by Haitian Plastics Machinery. Based on our fifth generation two-platen technology, it is designed to meet market demands and provide customers with more opportunities to reduce costs and improve efficiency. At the same time, the JUV/SE delivers powerful performance, stable operation and precise molding, while incorporating our HT·XTEND machine optimization features as a standard.



HT·XTEND

- Utilizes a multi-core CPU control system for smooth and user-friendly operation, significantly enhancing response speed.
- HT·XTEND ecosystem and flexible integration enable more scientific and efficient management decisions, improving machine- and overall processes.



Efficiency

- A custom-grade servo power system delivers powerful performance with high-speed response and dynamic sensitivity.
- Fully digital hydraulic simulation technology ensures rapid mold movement to achieve efficient and stable mold opening and closing.



Stability

- A high-rigidity clamping structure, combined with Haitian's HT·XTEND mold-opening control technology, ensures stable and reliable mold-opening positioning accuracy.
- The flexible and controllable injection unit, integrated with fully digital closed-loop injection technology, enables precise control of injection movements, delivering high injection accuracy, excellent low-speed stability, and superior product consistency. This not only enhances equipment performance but also improves process adaptability.
- Accurate oil temperature control ensures stable process conditions, precise feeding temperatures, steady material storage, and smoother, more reliable machine operation overall.



Energy Efficiency

- The compact design saves space while providing an ultra-large mold capacity, showcasing exceptional scalability to meet the diverse demands of large-scale product production across various industries.
- Built on the HT·XTEND ecological technology platform, the fifth-generation dedicated injection molding servo drive system further enhances energy-saving efficiency, putting green production fully within reach.

JUV/SE HT·XTENDE

The JUV/SE series integrates a wealth of smart features, from HT Clamp, HT Energy, HT Lubricate to HT Diagnose. Guided by smart innovation and intelligent empowerment, we continuously help customers reduce operating costs, improve production efficiency, and collaboratively build a smarter future.



HT Clamp



HT Energy



HT Lubricate

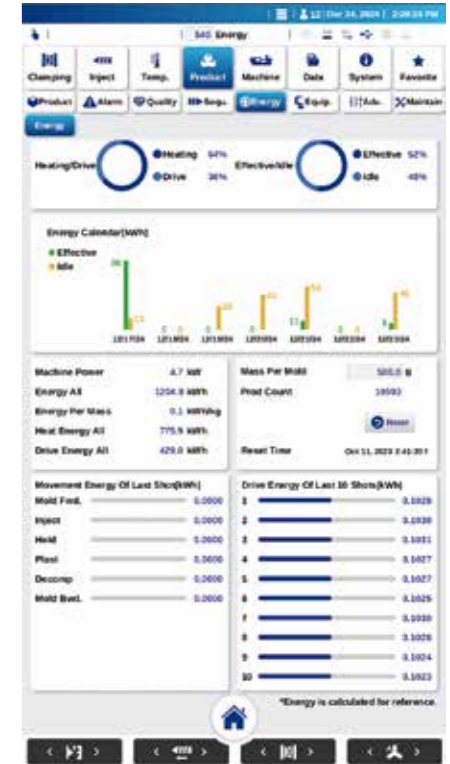


HT Diagnose



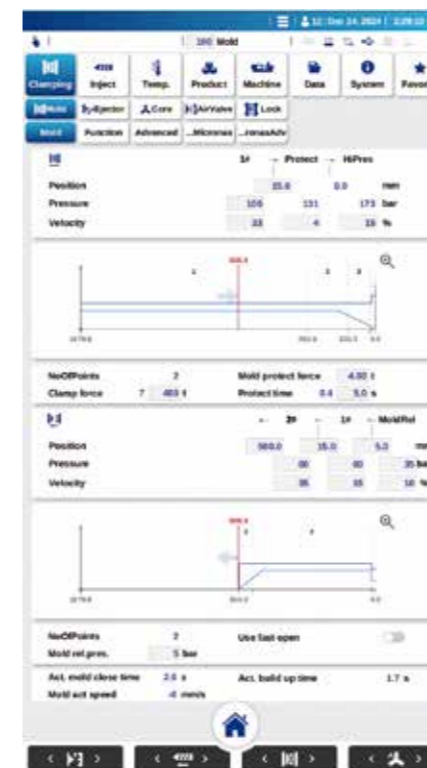
SMART FEATURES AS GENERAL STANDARD

Inhouse developments enable us to create more efficient solutions. Like for HT Energy we replaced sensors with mathematical models. This standard feature, provided at no extra cost.



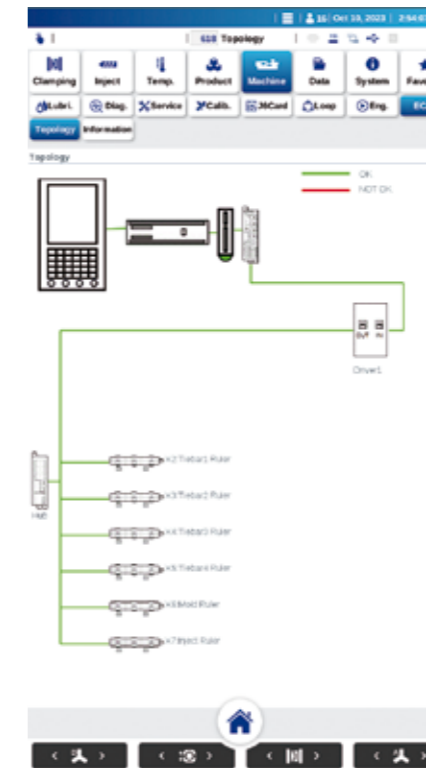
HT·Energy

Standard with refined monitoring of energy consumption, auxiliary management, statistics and analysis of energy consumption distribution in the production process.



HT-Clamp

Self-learning and self-correction algorithm adjusts position deviation, accurates mold opening and positioning, and stables and fast movement.



HT-Diagnose

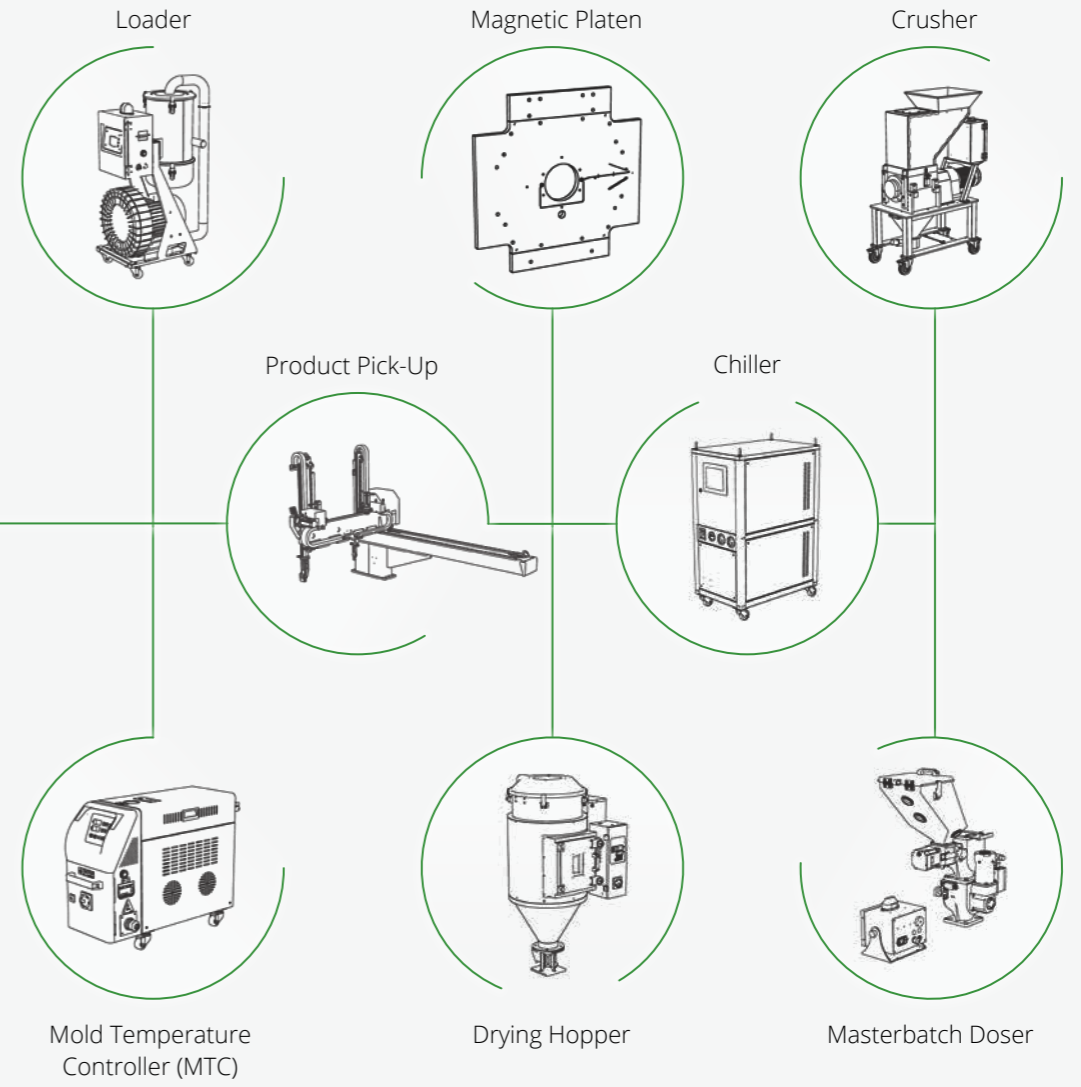
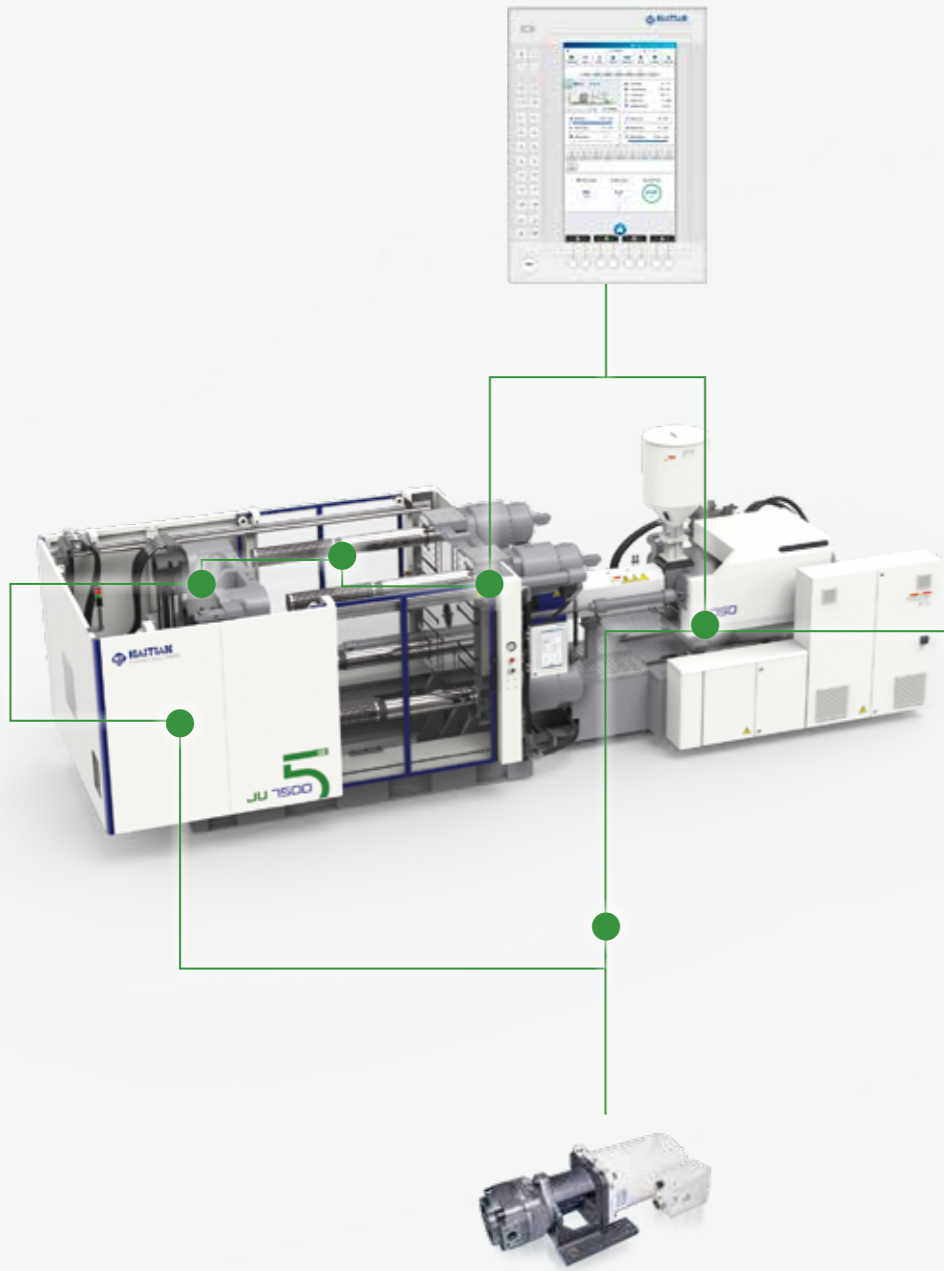
A great help for service, for all functions connected to the bus system to indicate e.g. when sensors are not connected.



HT-Lubricate

A digital lubrication model, combined with neural network control, dynamically adjusts to provide the optimal lubrication amount.





JUV/SE Flexible Integration

JUV/SE is open for all kinds of integrations. Also, the entire series is equipped with "Go Factory 2.0". In addition, it can be compatible with the latest international general interfaces according to needs. Customers can freely choose automation integration equipment and MES partners to realize interactive connections between multi-device and multi-platform systems with injection molding machines as the core, and enjoy open integration.

JU4500 V /SE

| MACHINE TYPE | | JU4500 V /SE | | | | | | | | | | | | |
|----------------|--|-----------------|----------------|-------|-------|-------|----------------|-------|-------|-------|----------------|-------|-------|-------|
| CLAMPING UNIT | Clamping force | kN | 4500 | | | | | | | | | | | |
| | Mold opening stroke ^① | mm | 1050/550 | | | | | | | | | | | |
| | Mold height min. | mm | 350 | | | | | | | | | | | |
| | Mold height max. | mm | 850 | | | | | | | | | | | |
| | Total daylight max. | mm | 1400 | | | | | | | | | | | |
| | Dist. between tie-bars (H×V) | mm | 810×810 | | | | | | | | | | | |
| | Ejector stroke | mm | 250 | | | | | | | | | | | |
| | Ejector force | kN | 110 | | | | | | | | | | | |
| | Mold weight max. ^② | t | 6.5 | | | | | | | | | | | |
| INJECTION UNIT | | | 2400 | | | | 3100 | | | | 4300 | | | |
| | | | A | B | C | D | A | B | C | D | A | B | C | D |
| | Screw diameter | mm | 65 | 70 | 75 | 80 | 70 | 80 | 85 | 90 | 80 | 85 | 90 | 100 |
| | Screw L/D ratio | L/D | 21.5 | 20 | 18.7 | 17.5 | 22.9 | 20 | 19.1 | 17.8 | 23.4 | 22 | 20.8 | 18.7 |
| | Injection volume (theoretical) | cm ³ | 1068 | 1239 | 1422 | 1618 | 1423 | 1859 | 2099 | 2353 | 2211 | 2496 | 2799 | 3455 |
| | Injection weight (PS) | g | 972 | 1127 | 1294 | 1472 | 1295 | 1692 | 1910 | 2141 | 2012 | 2272 | 2547 | 3144 |
| | Injection rate (PS) | g/s | 304 | 353 | 405 | 461 | 383 | 501 | 565 | 634 | 492 | 555 | 623 | 769 |
| | Injection pressure | MPa | 222 | 192 | 167 | 147 | 218 | 167 | 148 | 132 | 193 | 171 | 152 | 123 |
| | Plasticizing rate (GPPS) ^③ | g/s | 60.0 | 68.8 | 77.8 | 86.4 | 71.2 | 93.8 | 103.0 | 116.0 | 73.6 | 81.4 | 92.6 | 113.0 |
| | Plasticizing rate (HDPE) ^④ | g/s | 85.7 | 102.2 | 114.3 | 129.0 | 101.8 | 137.0 | 154.6 | 179.0 | 107.0 | 118.0 | 134.0 | 165.0 |
| Screw speed | rpm | 225 | | | | 220 | | | | 165 | | | | |
| OTHERS | Pump motor power | kW | 55 | | | | 65 | | | | 75 | | | |
| | Heater power | kW | 31 | | | | 38 | | | | 48 | | | |
| | Machine dimension (L×W×H) ^⑤ | m | 6.87×2.17×2.60 | | | | 6.88×2.17×2.60 | | | | 7.42×2.17×2.60 | | | |
| | Machine weight | t | 17 | | | | 18 | | | | 19 | | | |
| | Hopper capacity (OP) | kg | 50 | | | | 50 | | | | 100 | | | |
| | Oil tank ^⑥ | l | 420 | | | | 520 | | | | 590 | | | |

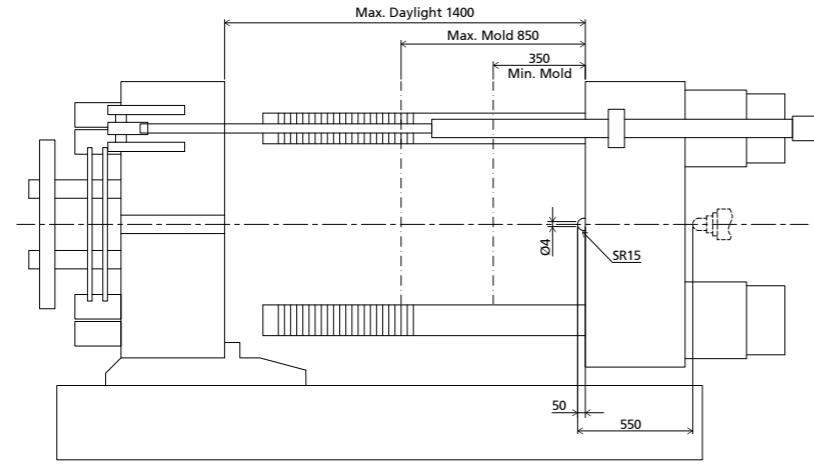
NOTE:

- ① With min. mold height / with max. mold height.
- ② Moving platen: 2/3 of max. mold weight.
- ③ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.
- ④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.
- ⑤ The size is the net size of the machine, excluding the width of the feeding platform and the working platform.
- ⑥ 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.

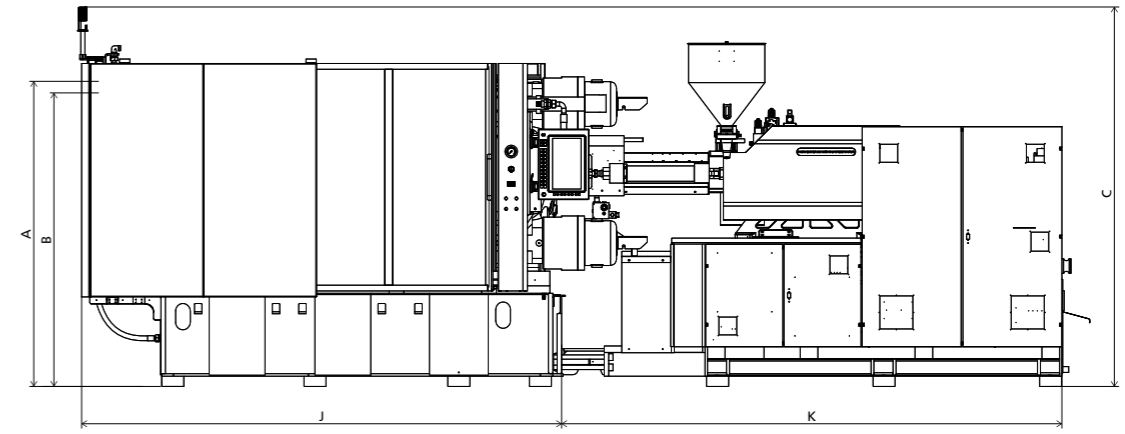
We reserve the right to make changes as a result of further technical advantages.

DIMENSIONS JU4500 V /SE

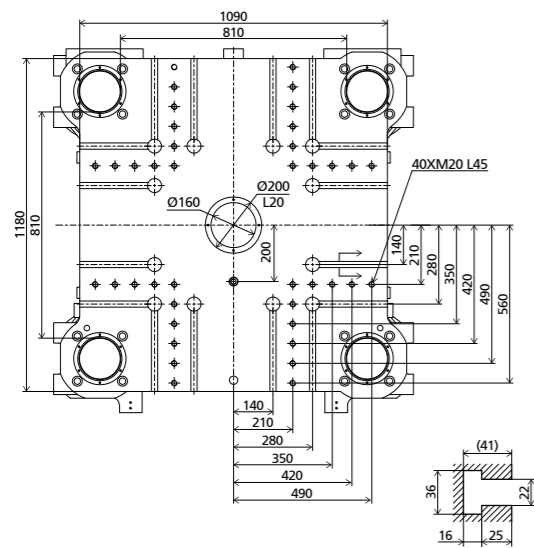
Clamping Unit



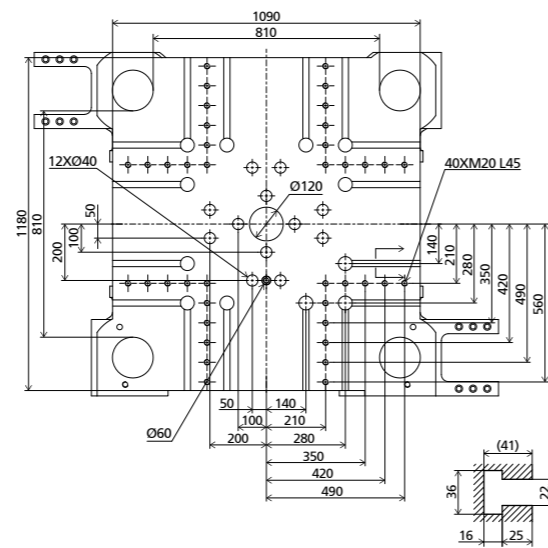
Front view



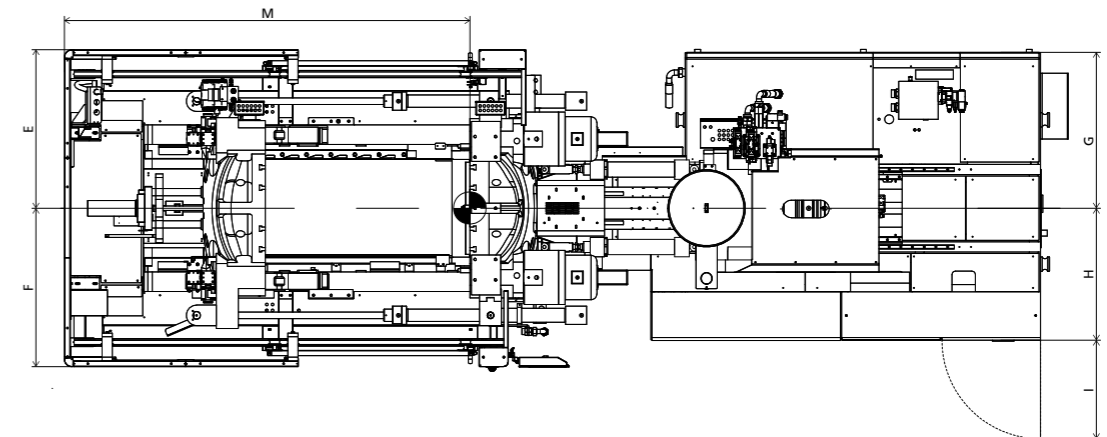
Fixed platen dimensions



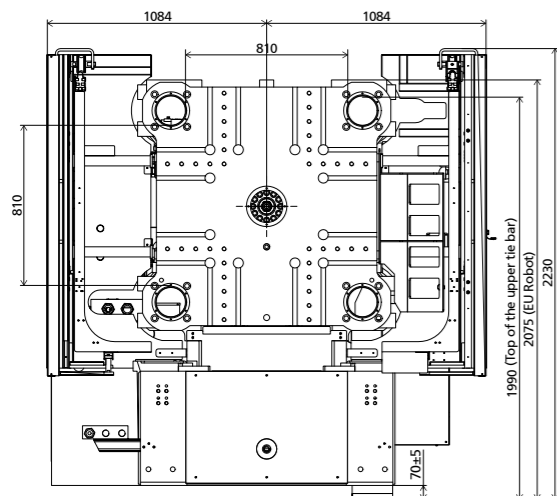
Moving platen dimensions



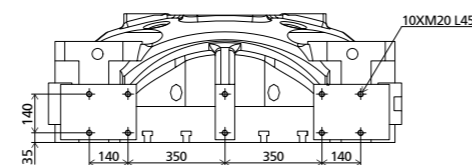
Top view



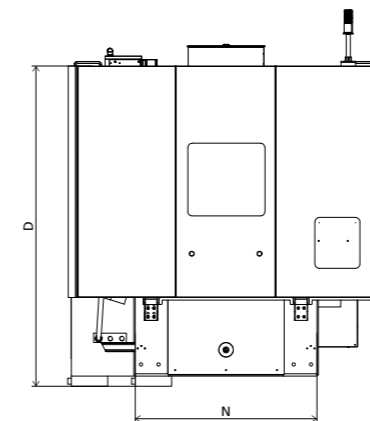
Robot Mechanical interface



Robot top view fixed platen



Side view



Standard

| | INJECTION UNIT | | | | | | | | DIMENSIONS (mm) | | | | |
|------|----------------|------|------|------|------|------|------|-----|-----------------|------|------|------|------|
| | A | B | C | D | E | F | G | H | I | J | K | M | N |
| 2400 | 2075 | 1990 | 2584 | 2200 | 1084 | 1084 | 1063 | 903 | 676 | 3268 | 3587 | 2774 | 1248 |
| 3100 | 2075 | 1990 | 2584 | 2200 | 1084 | 1084 | 1068 | 903 | 676 | 3268 | 3602 | 2774 | 1248 |
| 4300 | 2075 | 1990 | 2584 | 2200 | 1084 | 1084 | 1158 | 903 | 676 | 3268 | 4009 | 2774 | 1248 |

JU5500 V /SE

| MACHINE TYPE | | | JU5500 V /SE | | | | | | | | | | | |
|----------------|--|-----------------|----------------|-------|-------|-------|----------------|-------|-------|-------|----------------|-------|-------|-------|
| CLAMPING UNIT | Clamping force | kN | 5500 | | | | | | | | | | | |
| | Mold opening stroke ^① | mm | 1300/750 | | | | | | | | | | | |
| | Mold height min. | mm | 350 | | | | | | | | | | | |
| | Mold height max. | mm | 900 | | | | | | | | | | | |
| | Total daylight max. | mm | 1650 | | | | | | | | | | | |
| | Dist. between tie-bars (H×V) | mm | 920×830 | | | | | | | | | | | |
| | Ejector stroke | mm | 250 | | | | | | | | | | | |
| | Ejector force | kN | 110 | | | | | | | | | | | |
| | Mold weight max. ^② | t | 8 | | | | | | | | | | | |
| INJECTION UNIT | | | 2400 | | | | 3100 | | | | 4300 | | | |
| | | | A | B | C | D | A | B | C | D | A | B | C | D |
| | Screw diameter | mm | 65 | 70 | 75 | 80 | 70 | 80 | 85 | 90 | 80 | 85 | 90 | 100 |
| | Screw L/D ratio | L/D | 21.5 | 20 | 18.7 | 17.5 | 22.9 | 20 | 19.1 | 17.8 | 23.4 | 22 | 20.8 | 18.7 |
| | Injection volume (theoretical) | cm ³ | 1068 | 1239 | 1422 | 1618 | 1423 | 1859 | 2099 | 2353 | 2211 | 2496 | 2799 | 3455 |
| | Injection weight (PS) | g | 972 | 1127 | 1294 | 1472 | 1295 | 1692 | 1910 | 2141 | 2012 | 2272 | 2547 | 3144 |
| | Injection rate (PS) | g/s | 304 | 353 | 405 | 461 | 383 | 501 | 565 | 634 | 492 | 555 | 623 | 769 |
| | Injection pressure | MPa | 222 | 192 | 167 | 147 | 218 | 167 | 148 | 132 | 193 | 171 | 152 | 123 |
| | Plasticizing rate (GPPS) ^③ | g/s | 60.0 | 68.8 | 77.8 | 86.4 | 71.2 | 93.8 | 103.0 | 116.0 | 73.6 | 81.4 | 92.6 | 113.0 |
| | Plasticizing rate (HDPE) ^④ | g/s | 85.7 | 102.2 | 114.3 | 129.0 | 101.8 | 137.0 | 154.6 | 179.0 | 107.0 | 118.0 | 134.0 | 165.0 |
| Screw speed | rpm | 225 | | | | 220 | | | | 165 | | | | |
| OTHERS | Pump motor power | kW | 55 | | | | 65 | | | | 75 | | | |
| | Heater power | kW | 31 | | | | 38 | | | | 48 | | | |
| | Machine dimension (L×W×H) ^⑤ | m | 7.18×2.35×2.60 | | | | 7.20×2.35×2.60 | | | | 7.73×2.35×2.60 | | | |
| | Machine weight | t | 20 | | | | 21 | | | | 22 | | | |
| | Hopper capacity (OP) | kg | 50 | | | | 50 | | | | 100 | | | |
| | Oil tank ^⑥ | l | 420 | | | | 520 | | | | 590 | | | |

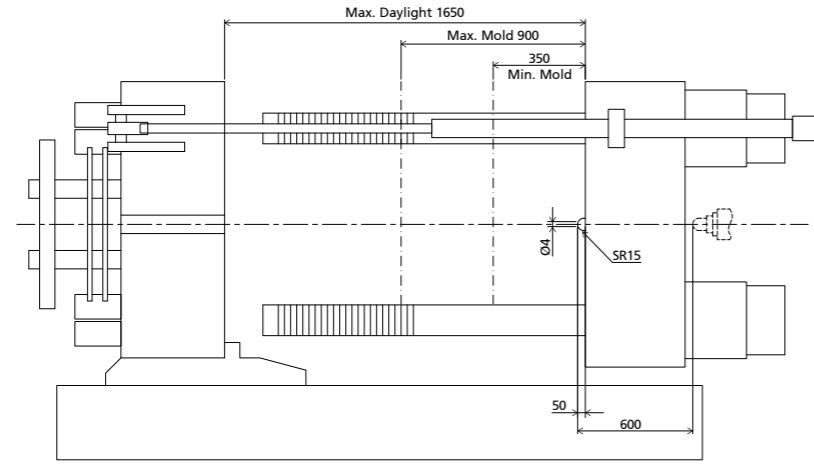
NOTE:

- ① With min. mold height / with max. mold height.
- ② Moving platen: 2/3 of max. mold weight.
- ③ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.
- ④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.
- ⑤ The size is the net size of the machine, excluding the width of the feeding platform and the working platform.
- ⑥ 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.

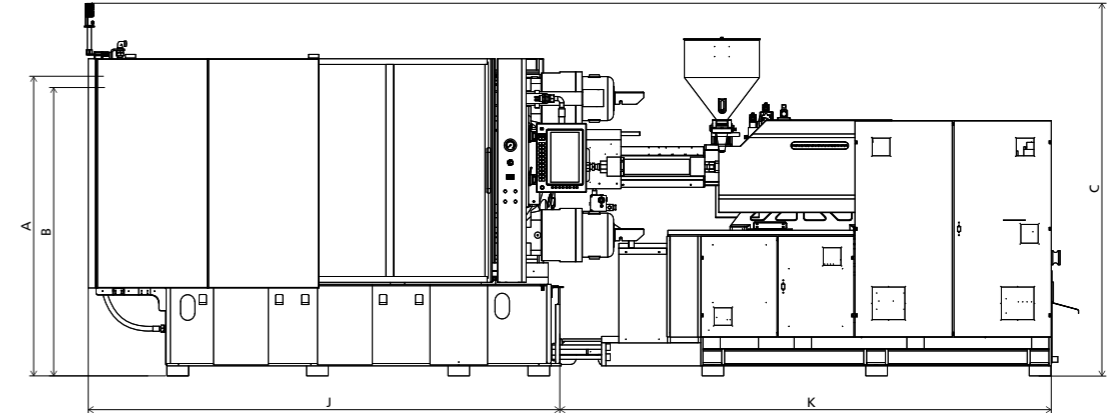
We reserve the right to make changes as a result of further technical advantages.

DIMENSIONS JU5500 V /SE

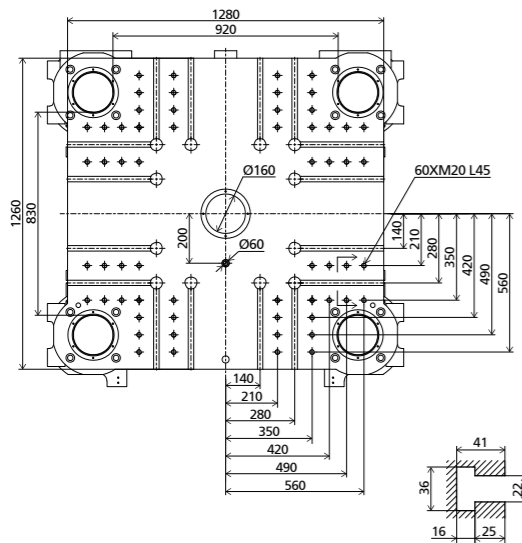
Clamping Unit



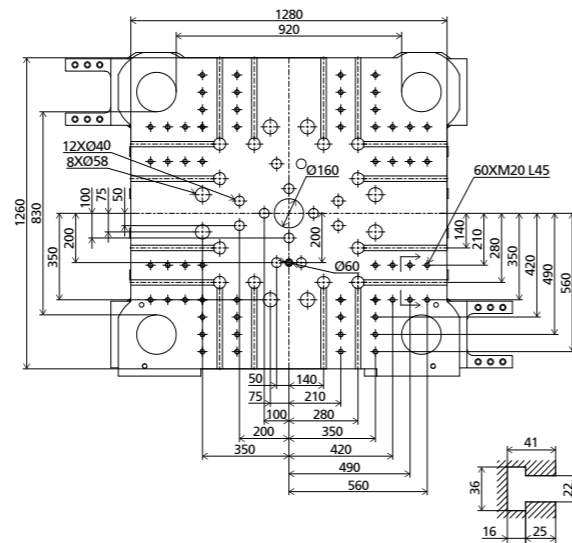
Front view



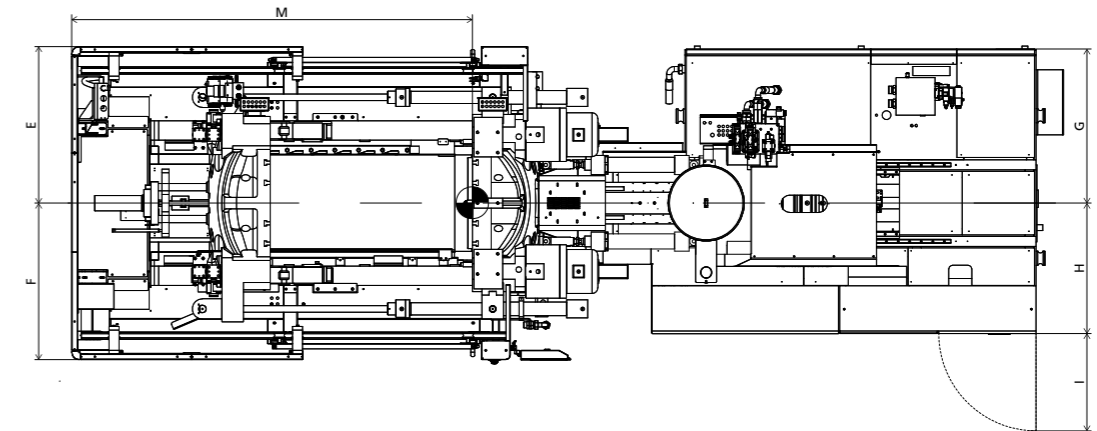
Fixed platen dimensions



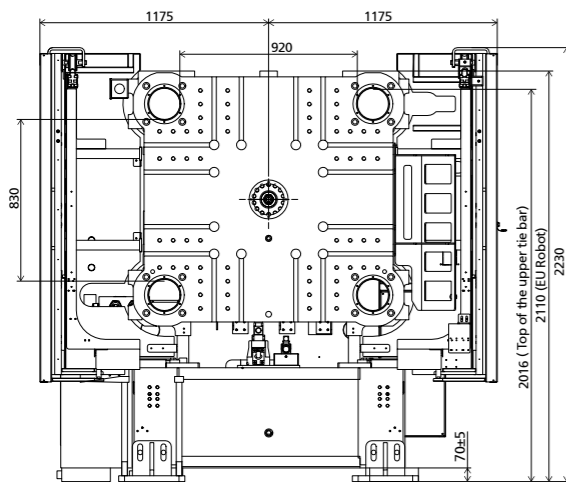
Moving platen dimensions



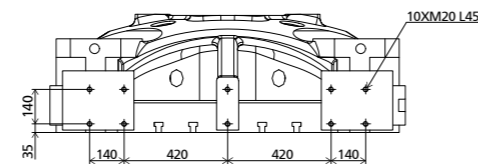
Top view



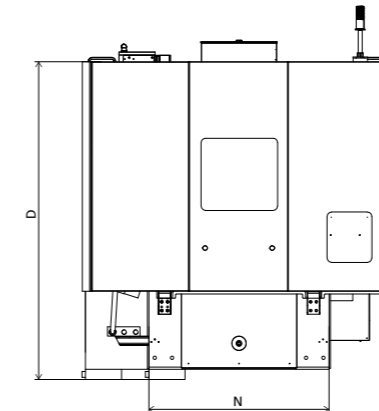
Robot Mechanical interface



Robot top view fixed platen



Side view



Standard

| | INJECTION UNIT | | | | | | | | DIMENSIONS (mm) | | | | |
|------|----------------|------|------|------|------|------|------|-----|-----------------|------|------|------|------|
| | A | B | C | D | E | F | G | H | I | J | K | M | N |
| 2400 | 2110 | 2016 | 2584 | 2200 | 1175 | 1175 | 1063 | 903 | 676 | 3581 | 3587 | 3056 | 1382 |
| 3100 | 2110 | 2016 | 2584 | 2200 | 1175 | 1175 | 1068 | 909 | 676 | 3581 | 3602 | 3056 | 1382 |
| 4300 | 2110 | 2016 | 2584 | 2200 | 1175 | 1175 | 1158 | 975 | 676 | 3581 | 4009 | 3056 | 1382 |

JU6500 V /SE

| MACHINE TYPE | | JU6500 V /SE | | | | | | | | | | | | | | | | |
|----------------|--|-----------------|----------------|-------|-------|-------|----------------|-------|-------|-------|----------------|-------|-------|-------|----------------|-------|-------|-------|
| CLAMPING UNIT | Clamping force | kN | 6500 | | | | | | | | | | | | | | | |
| | Mold opening stroke ^① | mm | 1350/800 | | | | | | | | | | | | | | | |
| | Mold height min. | mm | 400 | | | | | | | | | | | | | | | |
| | Mold height max. | mm | 950 | | | | | | | | | | | | | | | |
| | Total daylight max. | mm | 1750 | | | | | | | | | | | | | | | |
| | Dist. between tie-bars (H×V) | mm | 1040×910 | | | | | | | | | | | | | | | |
| | Ejector stroke | mm | 250 | | | | | | | | | | | | | | | |
| | Ejector force | kN | 110 | | | | | | | | | | | | | | | |
| | Mold weight max. ^② | t | 9.5 | | | | | | | | | | | | | | | |
| INJECTION UNIT | | | 2400 | | | | 3100 | | | | 4300 | | | | 5050 | | | |
| | | | A | B | C | D | A | B | C | D | A | B | C | D | A | B | C | D |
| | Screw diameter | mm | 65 | 70 | 75 | 80 | 70 | 80 | 85 | 90 | 80 | 85 | 90 | 100 | 80 | 90 | 100 | 110 |
| | Screw L/D ratio | L/D | 21.5 | 20 | 18.7 | 17.5 | 22.9 | 20 | 19.1 | 17.8 | 23.4 | 22 | 20.8 | 18.7 | 24.8 | 22 | 19.8 | 18 |
| | Injection volume (theoretical) | cm ³ | 1068 | 1239 | 1422 | 1618 | 1423 | 1859 | 2099 | 2353 | 2211 | 2496 | 2799 | 3455 | 2261 | 2862 | 3534 | 4276 |
| | Injection weight (PS) | g | 972 | 1127 | 1294 | 1472 | 1295 | 1692 | 1910 | 2141 | 2012 | 2272 | 2547 | 3144 | 2058 | 2605 | 3216 | 3891 |
| | Injection rate (PS) | g/s | 376 | 436 | 501 | 570 | 383 | 501 | 565 | 634 | 492 | 555 | 623 | 769 | 504 | 638 | 787 | 953 |
| | Injection pressure | MPa | 222 | 192 | 167 | 147 | 218 | 167 | 148 | 132 | 193 | 171 | 152 | 123 | 223 | 176 | 142 | 118 |
| | Plasticizing rate (GPPS) ^③ | g/s | 60.0 | 68.8 | 77.8 | 86.4 | 71.2 | 93.8 | 103.0 | 116.0 | 73.6 | 81.4 | 92.6 | 113.0 | 73.3 | 92.0 | 113.2 | 133.1 |
| | Plasticizing rate (HDPE) ^④ | g/s | 85.7 | 102.2 | 114.3 | 129.0 | 101.8 | 137.0 | 154.6 | 179.0 | 107.0 | 118.0 | 134.0 | 165.0 | 108.3 | 137.1 | 168.9 | 198.7 |
| Screw speed | rpm | 225 | | | | 220 | | | | 165 | | | | 150 | | | | |
| OTHERS | Pump motor power | kW | 65 | | | | 65 | | | | 75 | | | | 90 | | | |
| | Heater power | kW | 31 | | | | 38 | | | | 48 | | | | 57 | | | |
| | Machine dimension (L×W×H) ^⑤ | m | 7.33×2.58×2.69 | | | | 7.34×2.58×2.69 | | | | 7.88×2.58×2.69 | | | | 8.21×2.58×2.69 | | | |
| | Machine weight | t | 21 | | | | 22 | | | | 23 | | | | 24 | | | |
| | Hopper capacity (OP) | kg | 50 | | | | 50 | | | | 100 | | | | 100 | | | |
| | Oil tank ^⑥ | l | 420 | | | | 520 | | | | 590 | | | | 610 | | | |

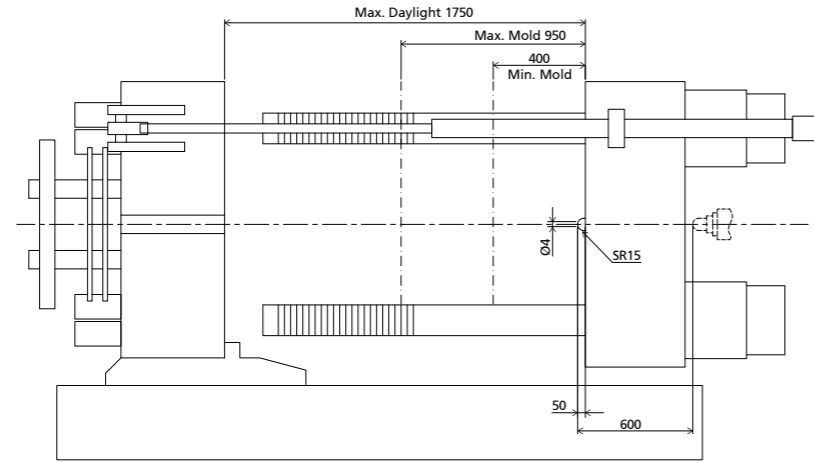
NOTE:

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- ② Moving platen: 2/3 of max. mold weight.
- ③ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.
- ④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.
- ⑤ The size is the net size of the machine, excluding the width of the feeding platform and the working platform.
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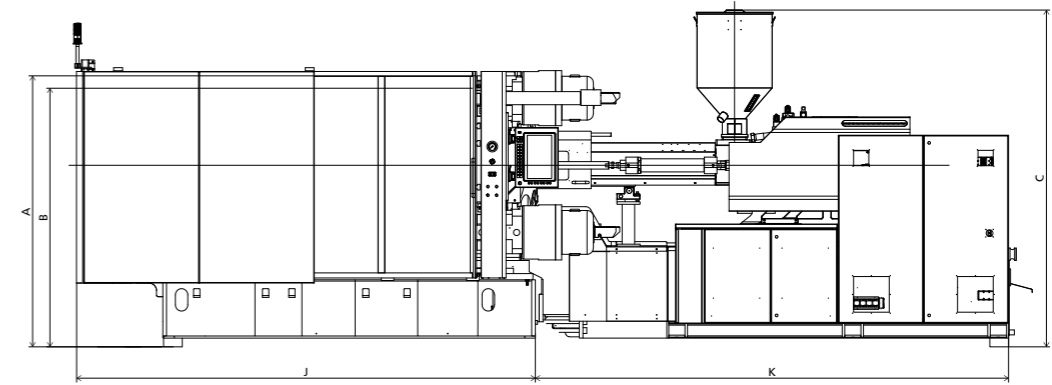
We reserve the right to make changes as a result of further technical advantages.

DIMENSIONS JU6500 V/SE

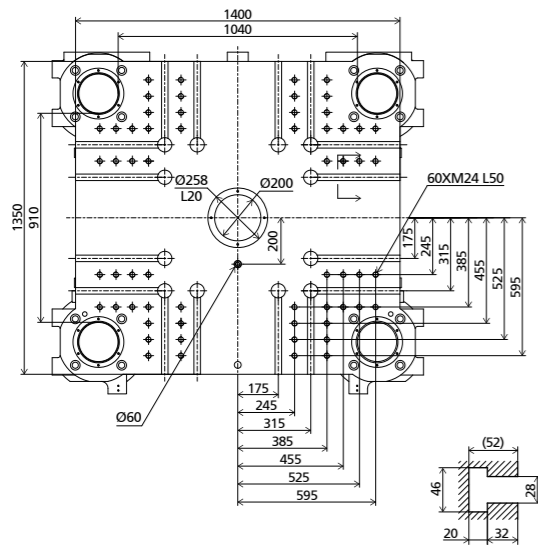
Clamping Unit



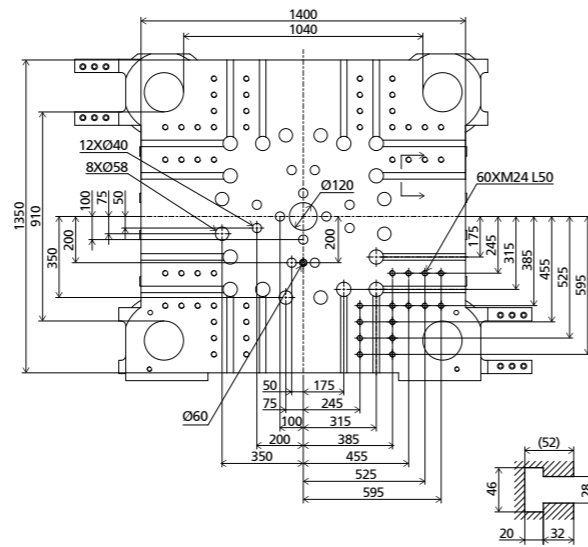
Front view



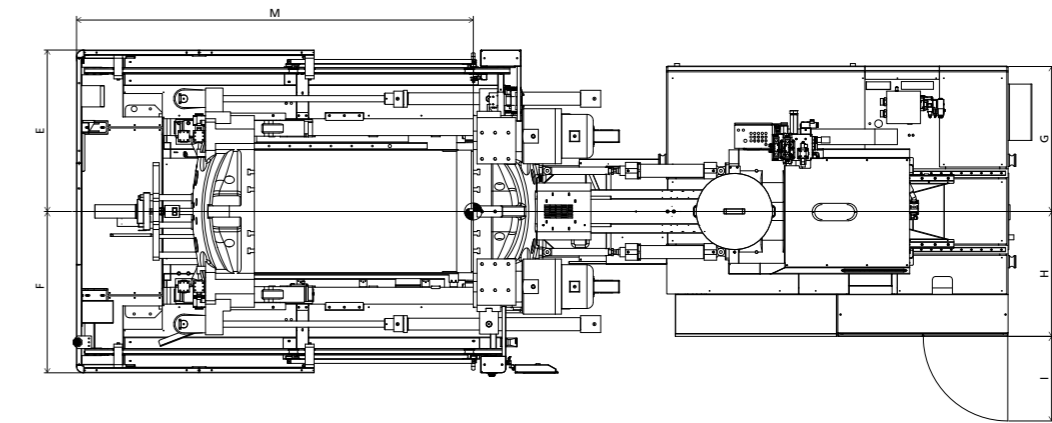
Fixed platen dimensions



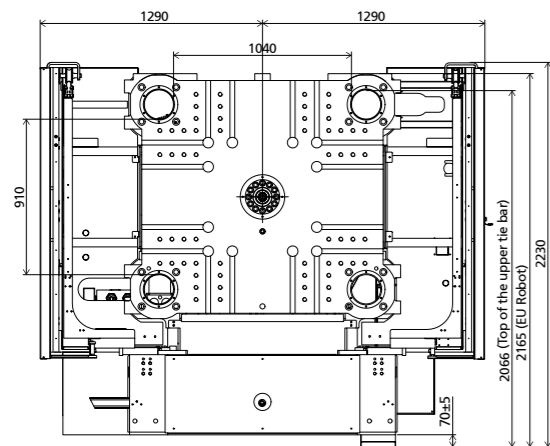
Moving platen dimensions



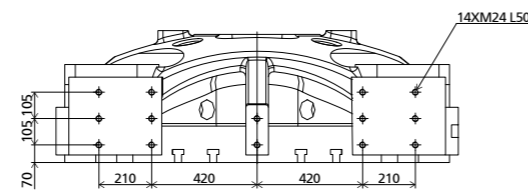
Top view



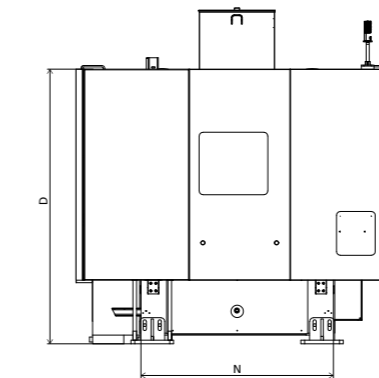
Robot Mechanical interface



Robot top view fixed platen



Side view



Standard

| | INJECTION UNIT | | | | | | | | DIMENSIONS (mm) | | | | | |
|------|----------------|------|------|------|------|------|------|------|-----------------|------|------|------|------|--|
| | A | B | C | D | E | F | G | H | I | J | K | M | N | |
| 2400 | 2165 | 2066 | 2690 | 2200 | 1290 | 1290 | 1063 | 909 | 676 | 3726 | 3477 | 3173 | 1542 | |
| 3100 | 2165 | 2066 | 2690 | 2200 | 1290 | 1290 | 1068 | 909 | 676 | 3726 | 3492 | 3173 | 1542 | |
| 4300 | 2165 | 2066 | 2690 | 2200 | 1290 | 1290 | 1158 | 975 | 676 | 3726 | 3899 | 3173 | 1542 | |
| 5050 | 2165 | 2066 | 2690 | 2200 | 1290 | 1290 | 1188 | 1134 | 676 | 3726 | 4468 | 3173 | 1542 | |

JU7500 V /SE

| MACHINE TYPE | | JU7500 V /SE | | | | | | | | | | | | | | | | |
|----------------|--|-----------------|----------------|-------|-------|-------|----------------|-------|-------|-------|----------------|-------|-------|-------|----------------|-------|-------|-------|
| CLAMPING UNIT | Clamping force | kN | 7500 | | | | | | | | | | | | | | | |
| | Mold opening stroke ^① | mm | 1400/900 | | | | | | | | | | | | | | | |
| | Mold height min. | mm | 450 | | | | | | | | | | | | | | | |
| | Mold height max. | mm | 950 | | | | | | | | | | | | | | | |
| | Total daylight max. | mm | 1850 | | | | | | | | | | | | | | | |
| | Dist. between tie-bars (H×V) | mm | 1120×960 | | | | | | | | | | | | | | | |
| | Ejector stroke | mm | 300 | | | | | | | | | | | | | | | |
| | Ejector force | kN | 195 | | | | | | | | | | | | | | | |
| | Mold weight max. ^② | t | 11 | | | | | | | | | | | | | | | |
| INJECTION UNIT | | | 3100 | | | | 4300 | | | | 5050 | | | | 6500 | | | |
| | | | A | B | C | D | A | B | C | D | A | B | C | D | A | B | C | D |
| | Screw diameter | mm | 70 | 80 | 85 | 90 | 80 | 85 | 90 | 100 | 80 | 90 | 100 | 110 | 90 | 100 | 110 | 120 |
| | Screw L/D ratio | L/D | 22.9 | 20 | 19.1 | 17.8 | 23.4 | 22 | 20.8 | 18.7 | 24.8 | 22 | 19.8 | 18 | 24.4 | 22 | 20 | 18.3 |
| | Injection volume (theoretical) | cm ³ | 1423 | 1859 | 2099 | 2353 | 2211 | 2496 | 2799 | 3455 | 2261 | 2862 | 3534 | 4276 | 2990 | 3691 | 4466 | 5315 |
| | Injection weight (PS) | g | 1295 | 1692 | 1910 | 2141 | 2012 | 2272 | 2547 | 3144 | 2058 | 2605 | 3216 | 3891 | 2720 | 3359 | 4064 | 4837 |
| | Injection rate (PS) | g/s | 436 | 569 | 642 | 720 | 492 | 555 | 623 | 769 | 504 | 638 | 787 | 953 | 572 | 706 | 855 | 1018 |
| | Injection pressure | MPa | 218 | 167 | 148 | 132 | 193 | 171 | 152 | 123 | 223 | 176 | 142 | 118 | 217 | 176 | 145 | 122 |
| | Plasticizing rate (GPPS) ^③ | g/s | 71.2 | 93.8 | 103.0 | 116.0 | 73.6 | 81.4 | 92.6 | 113.0 | 73.3 | 92.0 | 113.2 | 133.1 | 89.5 | 110.0 | 130.0 | 152.0 |
| | Plasticizing rate (HDPE) ^④ | g/s | 101.8 | 137.0 | 154.6 | 179.0 | 107.0 | 118.0 | 134.0 | 165.0 | 108.3 | 137.1 | 168.9 | 198.7 | 132.0 | 162.0 | 193.0 | 224.0 |
| Screw speed | rpm | 220 | | | | 165 | | | | 150 | | | | 135 | | | | |
| OTHERS | Pump motor power | kW | 75 | | | | 75 | | | | 90 | | | | 105 | | | |
| | Heater power | kW | 38 | | | | 48 | | | | 57 | | | | 70 | | | |
| | Machine dimension (L×W×H) ^⑤ | m | 7.67×2.86×2.71 | | | | 8.20×2.86×2.71 | | | | 8.54×2.86×2.71 | | | | 9.07×2.86×2.71 | | | |
| | Machine weight | t | 24 | | | | 26 | | | | 27 | | | | 29 | | | |
| | Hopper capacity (OP) | kg | 50 | | | | 100 | | | | 100 | | | | 100 | | | |
| | Oil tank ^⑥ | l | 520 | | | | 590 | | | | 610 | | | | 910 | | | |

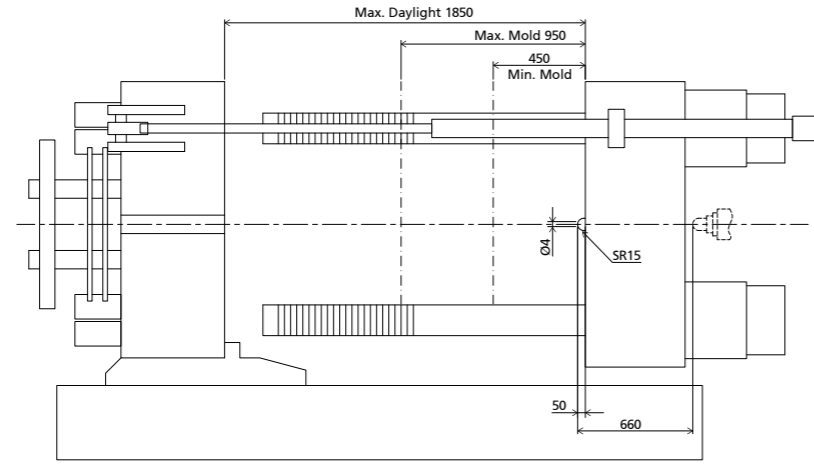
NOTE:

- ① With min. mold height / with max. mold height.
- ② Moving platen: 2/3 of max. mold weight.
- ③ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.
- ④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.
- ⑤ The size is the net size of the machine, excluding the width of the feeding platform and the working platform.
- ⑥ 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.

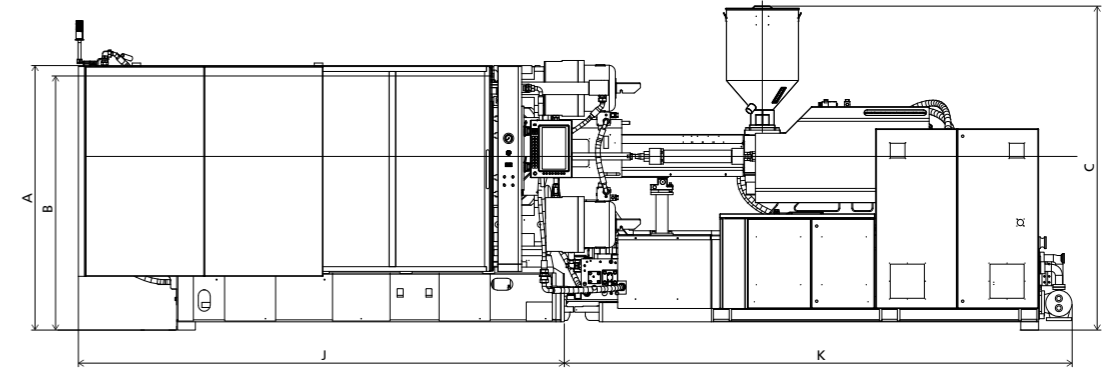
We reserve the right to make changes as a result of further technical advantages.

DIMENSIONS JU7500 V/SE

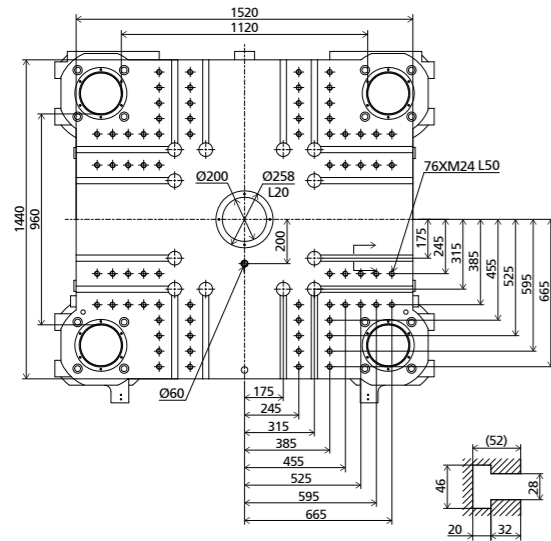
Clamping Unit



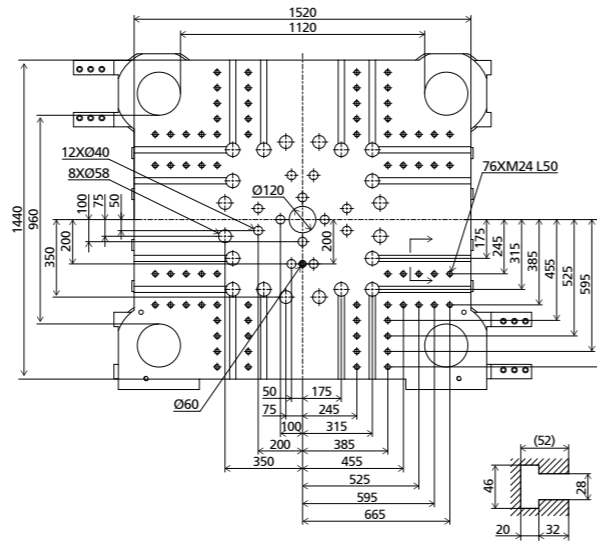
Front view



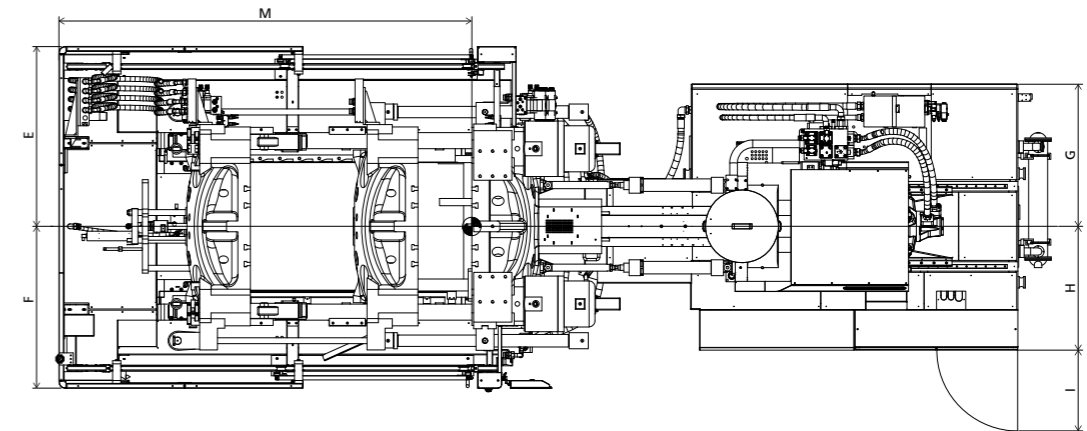
Fixed platen dimensions



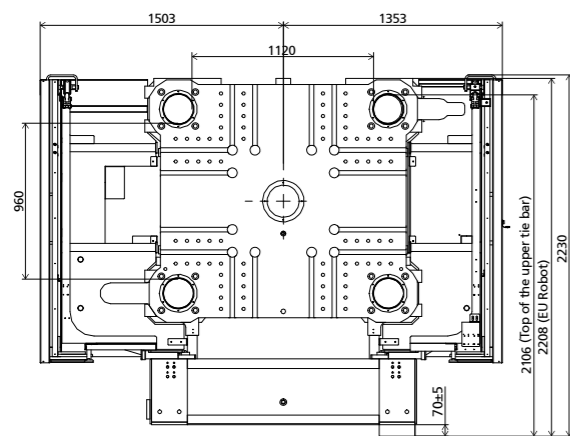
Moving platen dimensions



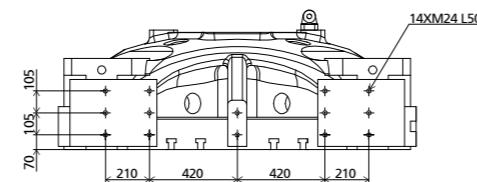
Top view



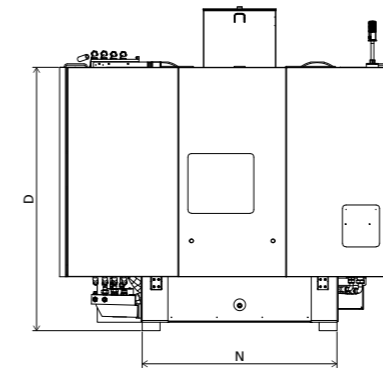
Robot Mechanical interface



Robot top view fixed platen



Side view



Standard

| | INJECTION UNIT | | | | | | | | | DIMENSIONS (mm) | | | |
|------|----------------|------|------|------|------|------|------|------|-----|-----------------|------|------|------|
| | A | B | C | D | E | F | G | H | I | J | K | M | N |
| 3100 | 2208 | 2106 | 2705 | 2200 | 1503 | 1353 | 1068 | 909 | 676 | 4055 | 3530 | 3450 | 1627 |
| 4300 | 2208 | 2106 | 2705 | 2200 | 1503 | 1353 | 1158 | 999 | 676 | 4055 | 3827 | 3450 | 1627 |
| 5050 | 2208 | 2106 | 2705 | 2200 | 1503 | 1353 | 1188 | 1034 | 676 | 4055 | 4238 | 3450 | 1627 |
| 6500 | 2208 | 2106 | 2705 | 2200 | 1503 | 1353 | 1213 | 1106 | 676 | 4055 | 5012 | 3450 | 1627 |

JU9000 V /SE

| MACHINE TYPE | | | JU9000 V /SE | | | | | | | | | | | |
|----------------|--|-----------------|----------------|-------|-------|-------|----------------|-------|-------|-------|----------------|-------|-------|-------|
| CLAMPING UNIT | Clamping force | kN | 9000 | | | | | | | | | | | |
| | Mold opening stroke ^① | mm | 1600/1000 | | | | | | | | | | | |
| | Mold height min. | mm | 500 | | | | | | | | | | | |
| | Mold height max. | mm | 1100 | | | | | | | | | | | |
| | Total daylight max. | mm | 2100 | | | | | | | | | | | |
| | Dist. between tie-bars (H×V) | mm | 1180×1000 | | | | | | | | | | | |
| | Ejector stroke | mm | 300 | | | | | | | | | | | |
| | Ejector force | kN | 195 | | | | | | | | | | | |
| | Mold weight max. ^② | t | 13 | | | | | | | | | | | |
| INJECTION UNIT | | | 5050 | | | | 6500 | | | | 8550 | | | |
| | | | A | B | C | D | A | B | C | D | A | B | C | D |
| | Screw diameter | mm | 80 | 90 | 100 | 110 | 90 | 100 | 110 | 120 | 100 | 110 | 120 | 130 |
| | Screw L/D ratio | L/D | 24.8 | 22 | 19.8 | 18 | 24.4 | 22 | 20 | 18.3 | 24.2 | 22 | 20.2 | 18.6 |
| | Injection volume (theoretical) | cm ³ | 2261 | 2862 | 3534 | 4276 | 2990 | 3691 | 4466 | 5315 | 4005 | 4846 | 5767 | 6769 |
| | Injection weight (PS) | g | 2058 | 2605 | 3216 | 3891 | 2720 | 3359 | 4064 | 4837 | 3645 | 4410 | 5248 | 6160 |
| | Injection rate (PS) | g/s | 504 | 638 | 787 | 953 | 572 | 706 | 855 | 1018 | 736 | 890 | 1060 | 1244 |
| | Injection pressure | MPa | 223 | 176 | 142 | 118 | 217 | 176 | 145 | 122 | 212 | 175 | 147 | 125 |
| | Plasticizing rate (GPPS) ^③ | g/s | 73.3 | 92.0 | 113.2 | 133.1 | 89.5 | 110.0 | 130.0 | 152.0 | 100.9 | 121.0 | 140.2 | 161.4 |
| | Plasticizing rate (HDPE) ^④ | g/s | 108.3 | 137.1 | 168.9 | 198.7 | 132.0 | 162.0 | 193.0 | 224.0 | 147.3 | 176.5 | 200.7 | 231.0 |
| Screw speed | rpm | 150 | | | | 135 | | | | 116 | | | | |
| OTHERS | Pump motor power | kW | 90 | | | | 105 | | | | 127 | | | |
| | Heater power | kW | 57 | | | | 70 | | | | 83 | | | |
| | Machine dimension (L×W×H) ^⑤ | m | 9.00×3.11×2.85 | | | | 9.43×3.11×2.85 | | | | 9.56×3.11×2.86 | | | |
| | Machine weight | t | 32 | | | | 34 | | | | 35 | | | |
| | Hopper capacity (OP) | kg | 100 | | | | 100 | | | | 100 | | | |
| | Oil tank ^⑥ | l | 610 | | | | 910 | | | | 910 | | | |

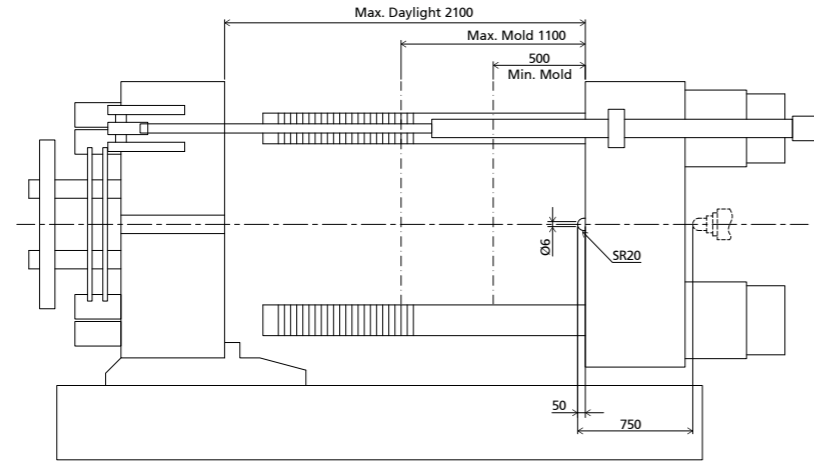
NOTE:

- ① With min. mold height / with max. mold height.
- ② Moving platen: 2/3 of max. mold weight.
- ③ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.
- ④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.
- ⑤ The size is the net size of the machine, excluding the width of the feeding platform and the working platform.
- ⑥ 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.

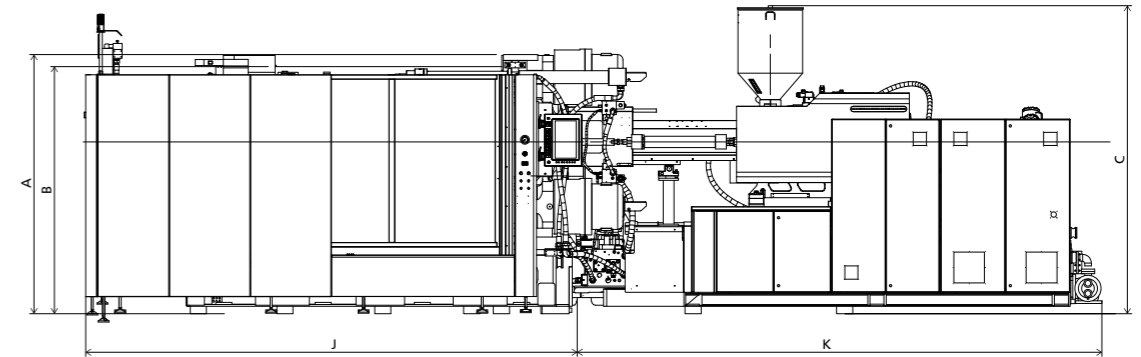
We reserve the right to make changes as a result of further technical advantages.

DIMENSIONS JU9000 V /SE

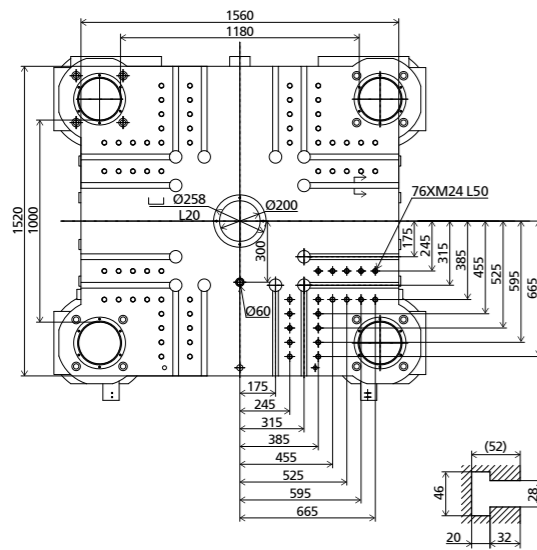
Clamping Unit



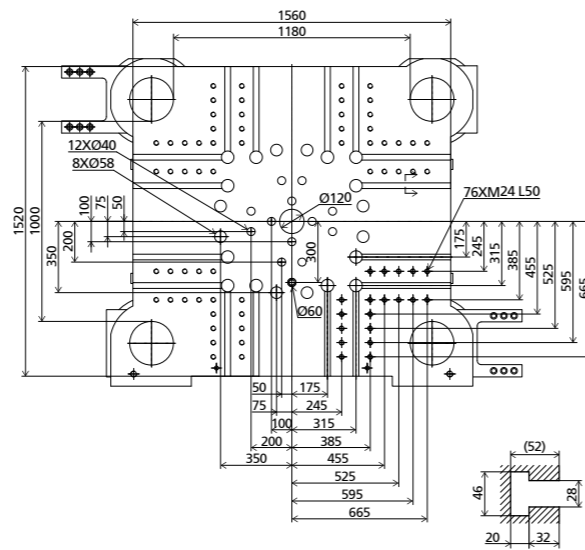
Front view



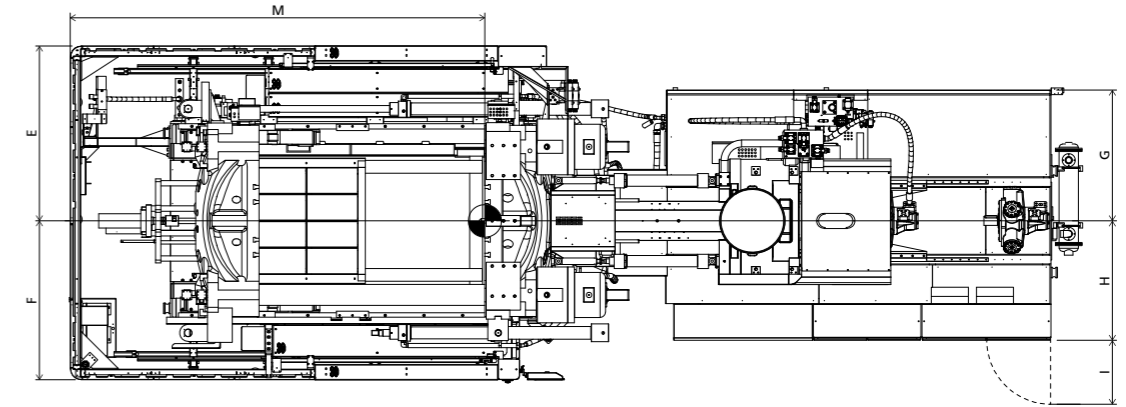
Fixed platen dimensions



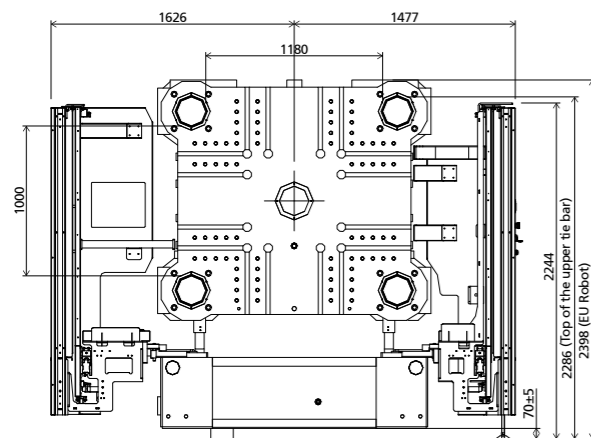
Moving platen dimensions



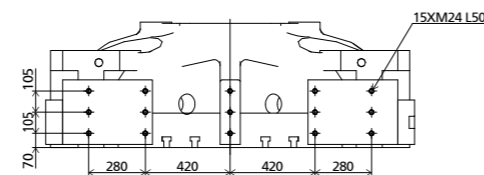
Top view



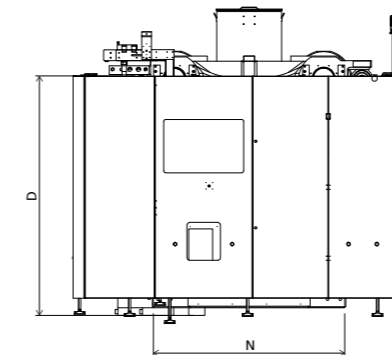
Robot Mechanical interface



Robot top view fixed platen



Side view



Standard

| | INJECTION UNIT | | | | | | | | DIMENSIONS (mm) | | | | |
|------|----------------|------|------|------|------|------|------|------|-----------------|------|------|------|------|
| | A | B | C | D | E | F | G | H | I | J | K | M | N |
| 5050 | 2398 | 2286 | 2845 | 2212 | 1626 | 1477 | 1188 | 1034 | 596 | 4512 | 4311 | 3857 | 1766 |
| 6500 | 2398 | 2286 | 2849 | 2212 | 1626 | 1477 | 1213 | 1109 | 596 | 4512 | 4906 | 3857 | 1766 |
| 8550 | 2398 | 2286 | 2860 | 2212 | 1626 | 1477 | 1213 | 1109 | 596 | 4512 | 5021 | 3857 | 1766 |

JU10800 V /SE

| MACHINE TYPE | | | JU10800 V /SE | | | | | | | | | | | | | | | |
|----------------|--|-----------------|----------------|-------|-------|-------|----------------|-------|-------|-------|----------------|-------|-------|-------|-----------------|-------|-------|-------|
| CLAMPING UNIT | Clamping force | kN | 10800 | | | | | | | | | | | | | | | |
| | Mold opening stroke ^① | mm | 1900/1200 | | | | | | | | | | | | | | | |
| | Mold height min. | mm | 500 | | | | | | | | | | | | | | | |
| | Mold height max. | mm | 1200 | | | | | | | | | | | | | | | |
| | Total daylight max. | mm | 2400 | | | | | | | | | | | | | | | |
| | Dist. between tie-bars (H×V) | mm | 1270×1100 | | | | | | | | | | | | | | | |
| | Ejector stroke | mm | 350 | | | | | | | | | | | | | | | |
| | Ejector force | kN | 230 | | | | | | | | | | | | | | | |
| | Mold weight max. ^② | t | 16 | | | | | | | | | | | | | | | |
| INJECTION UNIT | | | 5050 | | | | 6500 | | | | 8550 | | | | 11200 | | | |
| | | | A | B | C | D | A | B | C | D | A | B | C | D | A | B | C | D |
| | Screw diameter | mm | 80 | 90 | 100 | 110 | 90 | 100 | 110 | 120 | 100 | 110 | 120 | 130 | 110 | 120 | 130 | 140 |
| | Screw L/D ratio | L/D | 24.8 | 22 | 19.8 | 18 | 24.4 | 22 | 20 | 18.3 | 24.2 | 22 | 20.2 | 18.6 | 26.2 | 24 | 22.2 | 20.6 |
| | Injection volume (theoretical) | cm ³ | 2261 | 2862 | 3534 | 4276 | 2990 | 3691 | 4466 | 5315 | 4005 | 4846 | 5767 | 6769 | 5226 | 6220 | 7300 | 8466 |
| | Injection weight (PS) | g | 2058 | 2605 | 3216 | 3891 | 2720 | 3359 | 4064 | 4837 | 3645 | 4410 | 5248 | 6160 | 4756 | 5660 | 6643 | 7704 |
| | Injection rate (PS) | g/s | 558 | 706 | 872 | 1056 | 572 | 706 | 855 | 1018 | 736 | 890 | 1060 | 1244 | 785 | 934 | 1096 | 1271 |
| | Injection pressure | MPa | 223 | 176 | 142 | 118 | 217 | 176 | 145 | 122 | 212 | 175 | 147 | 125 | 213 | 179 | 153 | 132 |
| | Plasticizing rate (GPPS) ^③ | g/s | 80.6 | 101.2 | 124.6 | 146.0 | 89.5 | 110.0 | 130.0 | 152.0 | 100.9 | 121.0 | 140.2 | 161.4 | 123.0 | 142.0 | 164.0 | 187.0 |
| | Plasticizing rate (HDPE) ^④ | g/s | 119.1 | 150.8 | 185.8 | 218.0 | 132.0 | 162.0 | 193.0 | 224.0 | 147.3 | 176.5 | 200.7 | 231.0 | 187.0 | 217.0 | 240.0 | 273.0 |
| Screw speed | rpm | 165 | | | | 135 | | | | 116 | | | | 105 | | | | |
| OTHERS | Pump motor power | kW | 105 | | | | 105 | | | | 127 | | | | 135 | | | |
| | Heater power | kW | 57 | | | | 70 | | | | 83 | | | | 104 | | | |
| | Machine dimension (L×W×H) ^⑤ | m | 9.18×3.20×2.85 | | | | 9.61×3.20×2.85 | | | | 9.74×3.20×2.86 | | | | 10.52×3.20×3.24 | | | |
| | Machine weight | t | 36 | | | | 38 | | | | 40 | | | | 44 | | | |
| | Hopper capacity (OP) | kg | 100 | | | | 100 | | | | 100 | | | | 100 | | | |
| | Oil tank ^⑥ | l | 610 | | | | 910 | | | | 910 | | | | 1250 | | | |

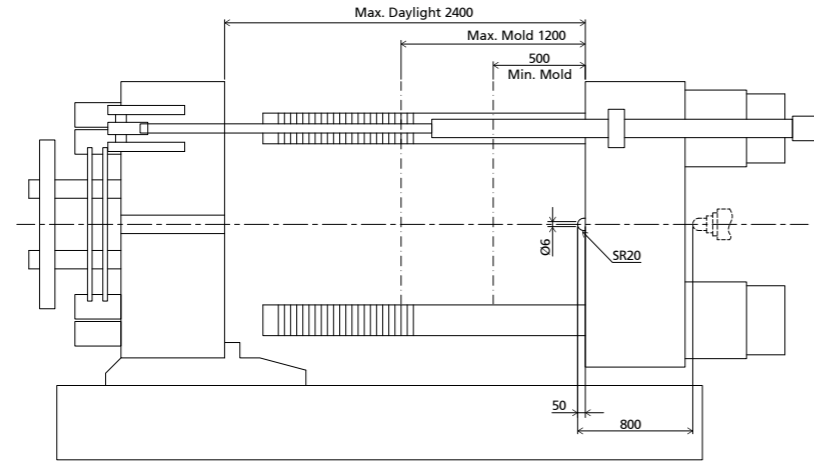
NOTE:

- ① With min. mold height / with max. mold height.
- ② Moving platen: 2/3 of max. mold weight.
- ③ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.
- ④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.
- ⑤ The size is the net size of the machine, excluding the width of the feeding platform and the working platform.
- ⑥ 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.
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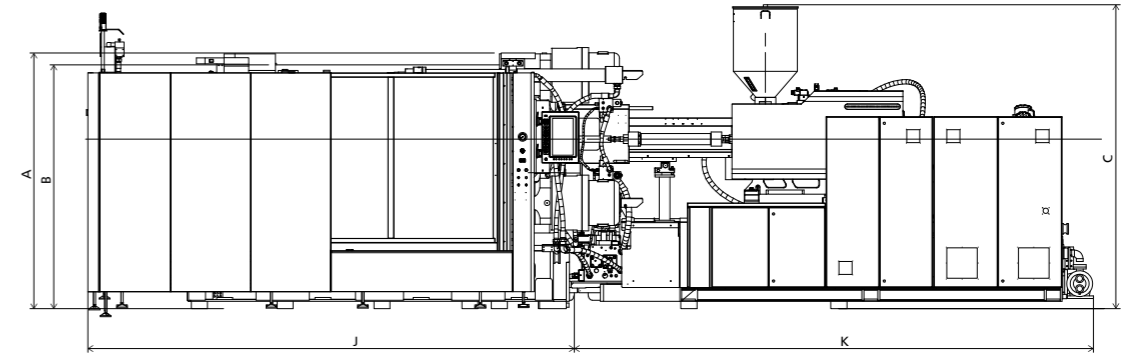
We reserve the right to make changes as a result of further technical advantages.

DIMENSIONS JU10800 V/SE

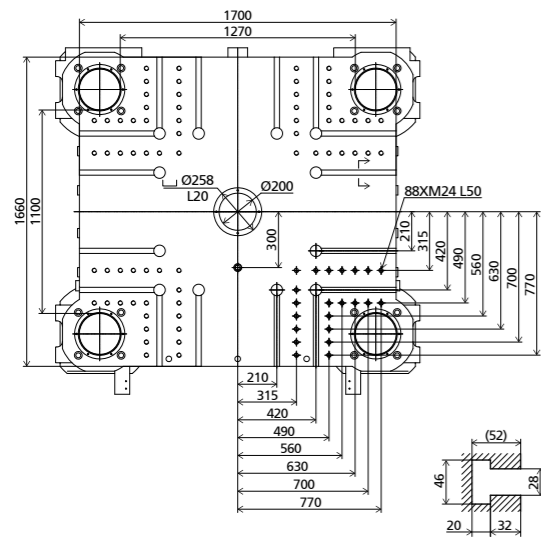
Clamping Unit



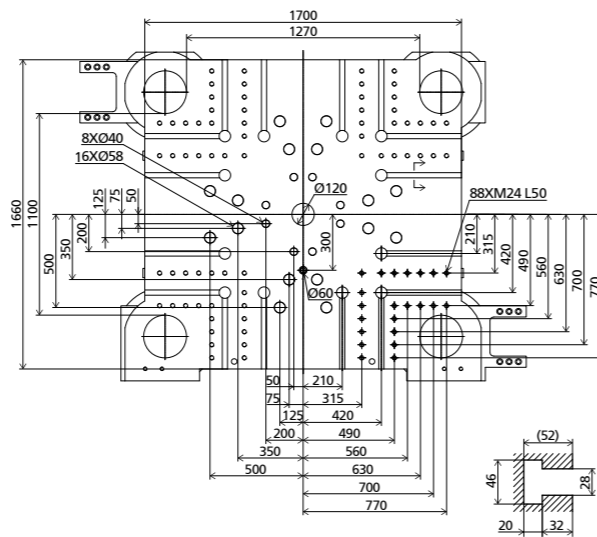
Front view



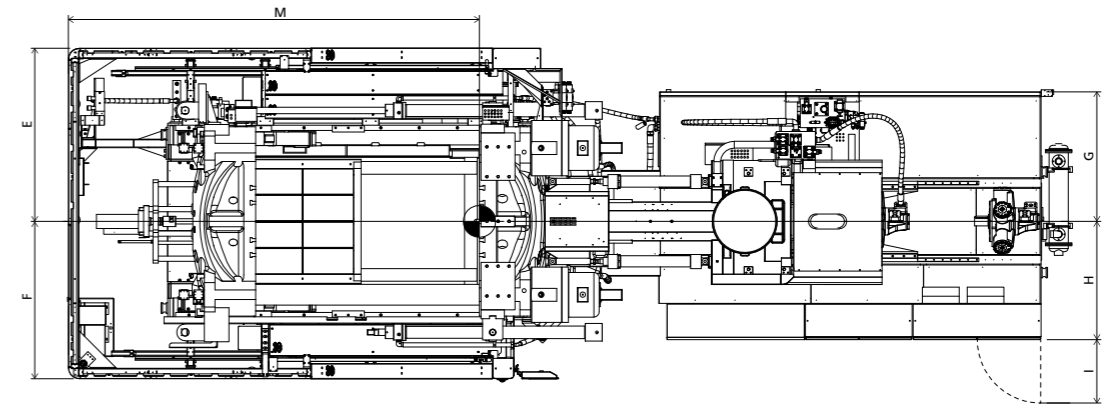
Fixed platen dimensions



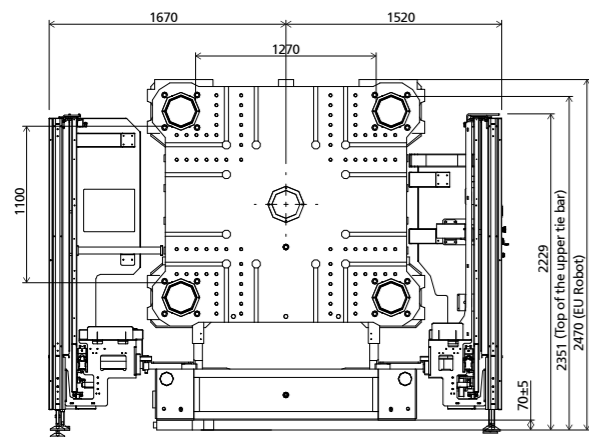
Moving platen dimensions



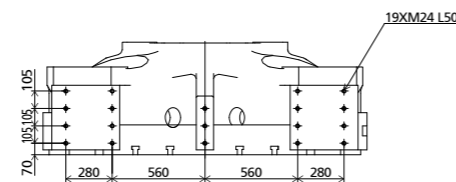
Top view



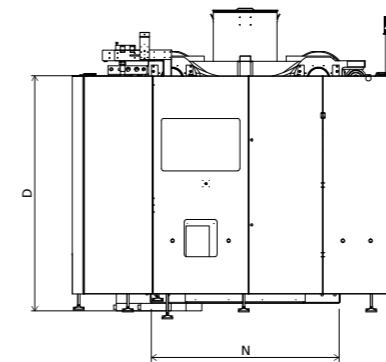
Robot Mechanical interface



Robot top view fixed platen



Side view



Standard

| | INJECTION UNIT | | | | | | | | DIMENSIONS (mm) | | | | |
|-------|----------------|------|------|------|------|------|------|------|-----------------|------|------|------|------|
| | A | B | C | D | E | F | G | H | I | J | K | M | N |
| 5050 | 2470 | 2351 | 2845 | 2200 | 1670 | 1521 | 1188 | 1034 | 596 | 4699 | 4311 | 4014 | 1821 |
| 6500 | 2470 | 2351 | 2849 | 2200 | 1670 | 1521 | 1213 | 1109 | 596 | 4699 | 5012 | 4014 | 1821 |
| 8550 | 2470 | 2351 | 2860 | 2200 | 1670 | 1521 | 1213 | 1109 | 596 | 4699 | 4913 | 4014 | 1821 |
| 11200 | 2470 | 2351 | 3233 | 2200 | 1670 | 1521 | 1303 | 1219 | 596 | 4699 | 5821 | 4014 | 1821 |

NOTE

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