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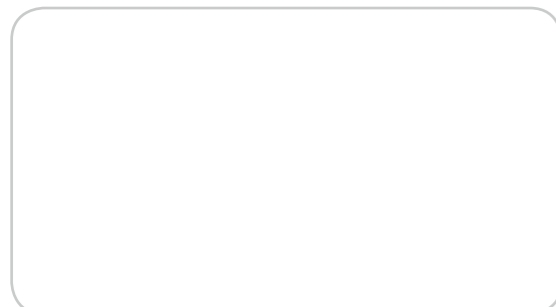
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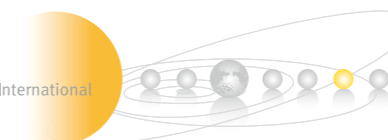
Haitian **Iapetus²** Series
Specifications / International



Haitian Partner:



HT 201601322-IV



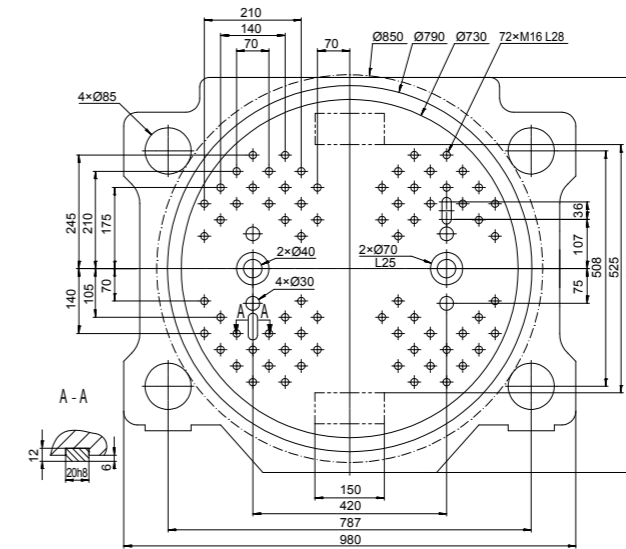
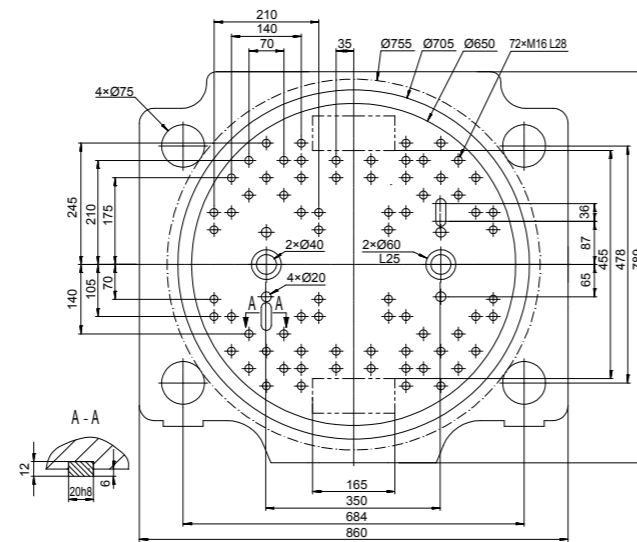
Specification

Turntable multi-color machine with wide mold platen

| INJECTION UNIT | IA1200 II / b-j | | | | | | | | | | | | IA1600 II / b-j | | | | | | | | | | | | | | | | | |
|---|-----------------|---|-------|---|---------|---|-------|---|---------|---|-------|---|-----------------|---|-------|--------|-------|---|--------|---|-------|--------|-------|---|--------|---|-------|---|-----|--|
| | Type 1 | | | | Type 2 | | | | Type 3 | | | | Type 1 | | | Type 2 | | | Type 3 | | | Type 4 | | | Type 5 | | | | | |
| | 160 | | 100 | | 100 | | 100 | | 100 | | 50 | | 280 | | 160 | | 160 | | 160 | | 100 | | 100 | | 100 | | 50 | | | |
| | A | B | C | A | B | A | B | A | B | A | B | A | B | C | A | B | C | A | B | C | A | B | A | B | A | B | A | B | | |
| Screw Diameter | 26 | | 30 | | 34 | | 22 | | 26 | | 22 | | 26 | | 19 | | 22 | | 26 | | 22 | | 26 | | 19 | | 22 | | | |
| Screw L/D Ratio | 24 | | 21 | | 19 | | 20 | | 20 | | 20 | | 20 | | 20 | | 20 | | 20 | | 20 | | 20 | | 20 | | 20 | | | |
| Shot Size (Theoretical) | 66 | | 88 | | 113 | | 38 | | 53 | | 38 | | 53 | | 38 | | 53 | | 38 | | 53 | | 38 | | 53 | | 38 | | | |
| Injection Weight (PS) | 60 | | 80 | | 103 | | 35 | | 48 | | 35 | | 48 | | 35 | | 48 | | 35 | | 48 | | 35 | | 48 | | 35 | | | |
| Injection Rate | 52 | | 69 | | 89 | | 46 | | 64 | | 46 | | 64 | | 46 | | 64 | | 46 | | 64 | | 46 | | 64 | | 46 | | | |
| Plasticizing Capacity(ps) | 6.1 | | 8.3 | | 11.2 | | 3 | | 5.3 | | 3 | | 5.3 | | 3 | | 5.3 | | 3 | | 5.3 | | 3 | | 5.3 | | 3 | | | |
| Injection Pressure | 237 | | 178 | | 138 | | 268 | | 192 | | 268 | | 192 | | 268 | | 192 | | 268 | | 192 | | 268 | | 192 | | 268 | | | |
| Screw Speed | 0-246 | | 0-246 | | 0-246 | | 0-246 | | 0-246 | | 0-246 | | 0-300 | | 0-240 | | 0-246 | | 0-300 | | 0-246 | | 0-300 | | 0-246 | | 0-300 | | | |
| CLAMPING UNIT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clamp Tonnage | 1200 | | | | | | | | | | | | 1600 | | | | | | | | | | | | | | | | | |
| Toggle Stroke | 310 | | | | | | | | | | | | 340 | | | | | | | | | | | | | | | | | |
| Space Between Tie Bars | 609x403 | | | | | | | | | | | | 700x420 | | | | | | | | | | | | | | | | | |
| Diameter of Rotational Mold Adapter | Ø650 | | | | | | | | | | | | Ø730 | | | | | | | | | | | | | | | | | |
| Bearing Capacity of Rotary Platen | 0.4 | | | | | | | | | | | | 0.6 | | | | | | | | | | | | | | | | | |
| Max.Mold Height | 400 | | | | | | | | | | | | 430 | | | | | | | | | | | | | | | | | |
| Min. Mold Height | 120 | | | | | | | | | | | | 150 | | | | | | | | | | | | | | | | | |
| Ejector Stroke | 90 | | | | | | | | | | | | 100 | | | | | | | | | | | | | | | | | |
| Ejector Tonnage | 22x2 | | | | | | | | | | | | 33x2 | | | | | | | | | | | | | | | | | |
| Distance Between Molds Positing Centers | 350 | | | | | | | | | | | | 420 | | | | | | | | | | | | | | | | | |
| OTHERS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max. Pump Pressure | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pump Motor Power | 7.5+7.5 | | | | 7.5+7.5 | | | | 7.5+7.5 | | | | 11+7.5 | | | 11+7.5 | | | 11+7.5 | | | 11+7.5 | | | 11+7.5 | | | | | |
| Heater Power | 5.9 | | 5.4 | | 6.8 | | 5.4 | | 6.8 | | 5.4 | | 6.8 | | 5.4 | | 6.8 | | 5.4 | | 6.8 | | 5.4 | | 6.8 | | 5.4 | | 6.8 | |
| Machine Dimension(LxWxH) | 5.0x1.7x1.88 | | | | | | | | | | | | 5.3x1.8x1.96 | | | | | | | | | | | | | | | | | |
| Machine Weight | 4.9 | | | | | | | | | | | | 7 | | | | | | | | | | | | | | | | | |
| Hopper Capacity | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | |
| Oil Tank Capacity | 210 | | | | | | | | | | | | 250 | | | | | | | | | | | | | | | | | |

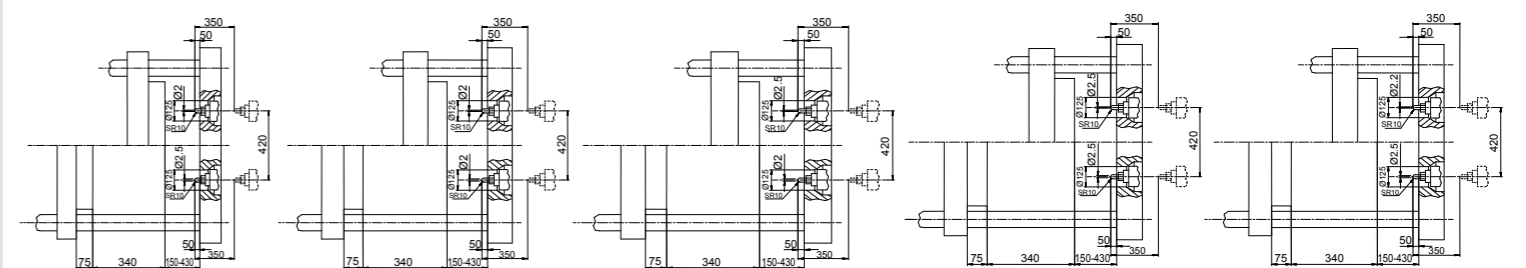
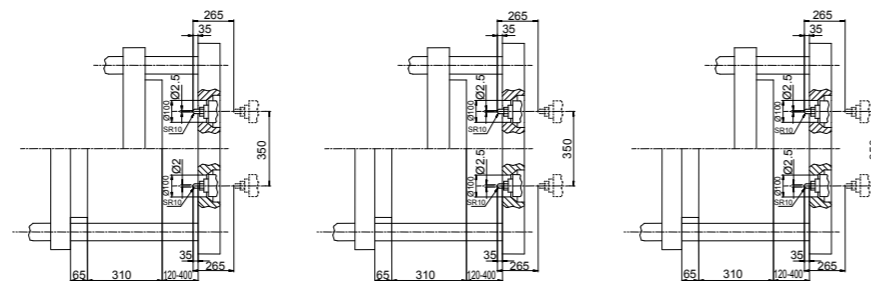
Platen dimensions

Moving platen



Platen dimensions

Mounting hole for robot/sprue picker top view from fixed platen



Note: there is a ejector hole (M12) on the mold ejector plate, which is used for installing ejector transitional pin.

Note: there is a ejector hole (M16) on the mold ejector plate, which is used for installing ejector transitional pin.

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

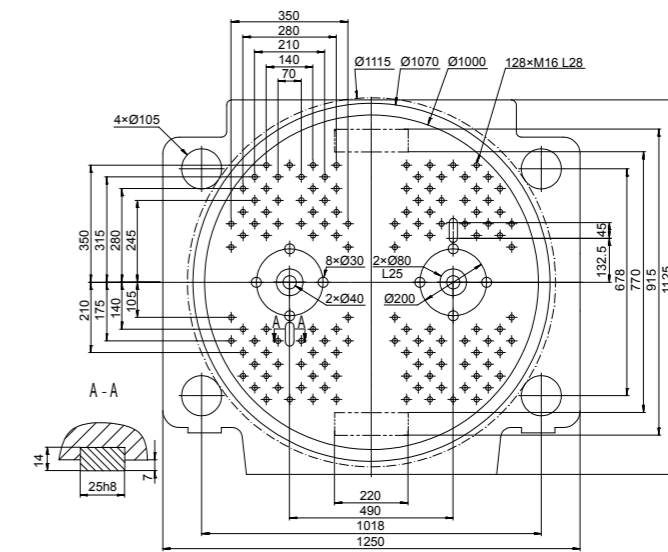
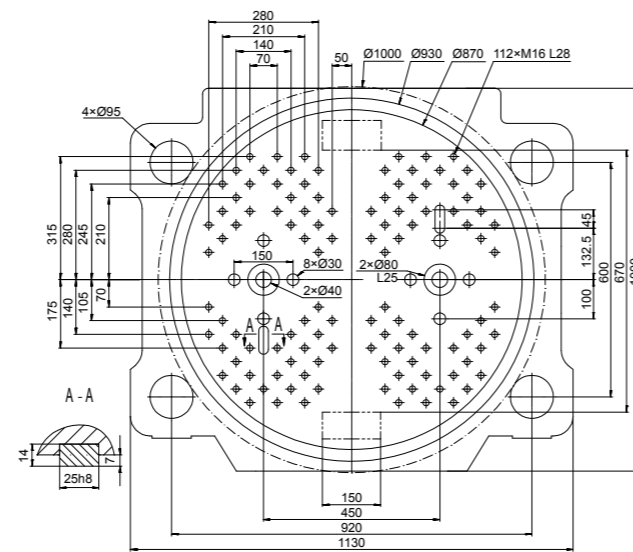
Specification

Turntable multi-color machine with wide mold platen

| INJECTION UNIT | IA2000 II / b-j | | | | | | | | | | | | | | | | IA2500 II / b-j | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------|--------------|-----|-------|--------|-------|------|--------|--------|-------|-----|-------|--------|--------|------|-------|-----------------|--------------|-----|-------|--------|-------|------|--------|--------|-------|------|-------|--------|-------|------|-------|------|-------|------|-------|------|-----|------|-------|-----|------|------|-----|-----|
| | Type 1 | | | | Type 2 | | | | Type 3 | | | | Type 4 | | | | Type 1 | | | | Type 2 | | | | Type 3 | | | | Type 4 | | | | | | | | | | | | | | | | |
| | 280 | | 160 | | 160 | | 160 | | 100 | | 100 | | 100 | | 570 | | 280 | | 390 | | 160 | | 280 | | 160 | | 160 | | 100 | | | | | | | | | | | | | | | | |
| Screw Diameter | mm | 32 | 36 | 40 | 26 | 30 | 34 | 26 | 30 | 34 | 26 | 30 | 34 | 26 | 30 | 34 | 22 | 26 | 22 | 26 | 22 | 26 | 40 | 45 | 50 | 32 | 36 | 40 | 36 | 40 | 45 | 26 | 30 | 34 | 32 | 36 | 40 | 26 | 30 | 34 | 26 | 30 | 34 | 22 | 26 |
| Screw L/D Ratio | L/D | 22.5 | 20 | 18 | 24 | 21 | 19 | 24 | 21 | 19 | 24 | 21 | 19 | 24 | 21 | 19 | 20 | 20 | 20 | 20 | 20 | 20 | 22.5 | 20 | 18 | 22.5 | 20 | 18 | 23.3 | 21 | 18.7 | 24 | 21 | 19 | 22.5 | 20 | 18 | 24 | 21 | 19 | 24 | 21 | 19 | 20 | 20 |
| Shot Size (Theoretical) | cm ³ | 122 | 155 | 191 | 66 | 88 | 113 | 66 | 88 | 113 | 66 | 88 | 113 | 66 | 88 | 113 | 38 | 53 | 38 | 53 | 38 | 53 | 251 | 318 | 393 | 122 | 155 | 191 | 173 | 214 | 270 | 66 | 88 | 113 | 122 | 155 | 191 | 66 | 88 | 113 | 66 | 88 | 113 | 38 | 53 |
| Injection Weight (PS) | g | 111 | 141 | 174 | 60 | 80 | 103 | 60 | 80 | 103 | 60 | 80 | 103 | 60 | 80 | 103 | 35 | 48 | 35 | 48 | 35 | 48 | 228 | 289 | 358 | 111 | 141 | 174 | 157 | 195 | 246 | 60 | 80 | 103 | 111 | 141 | 174 | 60 | 80 | 103 | 60 | 80 | 103 | 35 | 48 |
| Injection Rate | g/s | 88 | 112 | 138 | 52 | 69 | 89 | 72 | 95 | 122 | 52 | 69 | 89 | 72 | 95 | 122 | 46 | 64 | 63 | 88 | 46 | 64 | 112 | 141 | 175 | 75 | 95 | 118 | 112 | 138 | 175 | 72 | 95 | 122 | 112 | 141 | 175 | 72 | 95 | 122 | 84 | 112 | 144 | 63 | 88 |
| Plasticizing Capacity(ps) | g/s | 11.4 | 15 | 18.2 | 6.1 | 8.3 | 11.2 | 7.3 | 10.0 | 13.4 | 6.1 | 8.3 | 11.2 | 7.3 | 10.0 | 13.4 | 3 | 5.3 | 3.6 | 6.4 | 3 | 5.3 | 17.1 | 22.8 | 28.6 | 10.1 | 13.3 | 16.1 | 16.7 | 20.4 | 27.1 | 7.3 | 10.0 | 13.4 | 11.4 | 15 | 18.2 | 7.3 | 10.0 | 13.4 | 7.3 | 10.0 | 13.4 | 3.6 | 6.4 |
| Injection Pressure | MPa | 225 | 178 | 144 | 237 | 178 | 138 | 237 | 178 | 138 | 237 | 178 | 138 | 237 | 178 | 138 | 268 | 192 | 268 | 192 | 268 | 192 | 225 | 178 | 144 | 225 | 178 | 144 | 225 | 182 | 144 | 237 | 178 | 138 | 225 | 178 | 144 | 237 | 178 | 138 | 237 | 178 | 138 | 268 | 192 |
| Screw Speed | Rpm | 0-280 | | 0-246 | | 0-300 | | 0-246 | | 0-300 | | 0-246 | | 0-300 | | 0-246 | | 0-210 | | 0-240 | | 0-260 | | 0-300 | | 0-280 | | 0-300 | | 0-300 | | 0-300 | | 0-300 | | | | | | | | | | | |
| CLAMPING UNIT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clamp Tonnage | KN | 2000 | | | | | | | | | | | | | | | | 2500 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Toggle Stroke | mm | 410 | | | | | | | | | | | | | | | | 460 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Space Between Tie Bars | mm | 825x505 | | | | | | | | | | | | | | | | 910x570 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diameter of Rotational Mold Adapter | mm | Ø870 | | | | | | | | | | | | | | | | Ø1000 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bearing Capacity of Rotary Platen | t | 0.8 | | | | | | | | | | | | | | | | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max.Mold Height | mm | 470 | | | | | | | | | | | | | | | | 510 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Min. Mold Height | mm | 180 | | | | | | | | | | | | | | | | 200 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ejector Stroke | mm | 110 | | | | | | | | | | | | | | | | 110 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ejector Tonnage | KN | 33x2 | | | | | | | | | | | | | | | | 33x2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Distance Between Molds Positing Centers | mm | 450 | | | | | | | | | | | | | | | | 490 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OTHERS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max. Pump Pressure | Mpa | 16 | | | | | | | | | | | | | | | | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pump Motor Power | Kw | 13+7.5 | | 5.9 | | 5.9 | | 11+7.5 | | 5.9 | | 5.9 | | 11+7.5 | | 5.4 | | 6.8 | | 5.4 | | 6.8 | | 11+7.5 | | 10.5 | | 12.6 | | 15+11 | | 5.9 | | 10.5 | | 15+11 | | 5.9 | | 13+11 | | | | | |
| Heater Power | Kw | 10.5 | | 5.9 | | 5.9 | | 11+7.5 | | 5.9 | | 5.9 | | 11+7.5 | | 5.4 | | 6.8 | | 5.4 | | 6.8 | | 11+7.5 | | 10.5 | | 12.6 | | 15+11 | | 5.9 | | 10.5 | | 15+11 | | 5.9 | | 13+11 | | | | | |
| Machine Dimension(LxWxH) | m | 5.6x2.0x2.08 | | | | | | | | | | | | | | | | 6.3x2.1x2.23 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Machine Weight | t | 9.6 | | 25 | | 9.5 | | 25 | | 9.5 | | 25 | | 9.4 | | 25 | | 25 | | 12.1 | | 25 | | 12 | | 25 | | 11.9 | | 25 | | 11.8 | | 25 | | 25 | | | | | | | | | |
| Hopper Capacity | Kg | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | | 25 | | | | | | | | | |
| Oil Tank Capacity | l | 280 | | | | | | | | | | | | | | | | 350 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

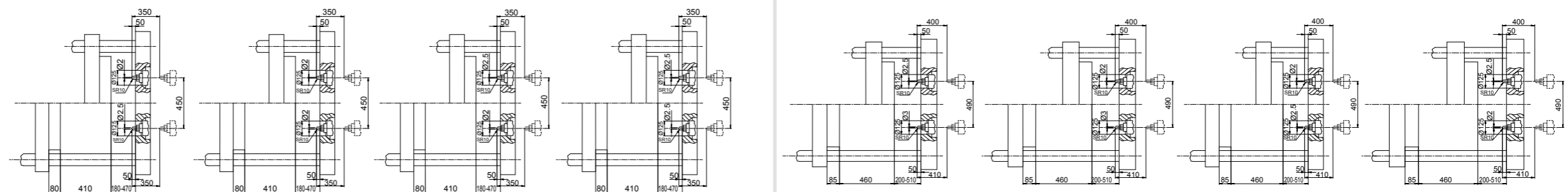
Platen dimensions

Moving platen



Platen dimensions

Mounting hole for robot/sprue picker top view from fixed platen



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

Note: there is a ejector hole (M16) on the mold ejector plate, which is used for installing ejector transitional pin.

Note: there is a ejector hole (M16) on the mold ejector plate, which is used for installing ejector transitional pin.

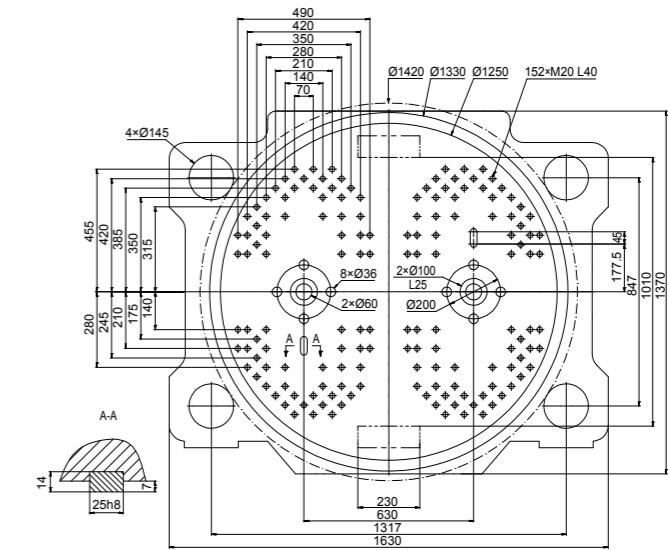
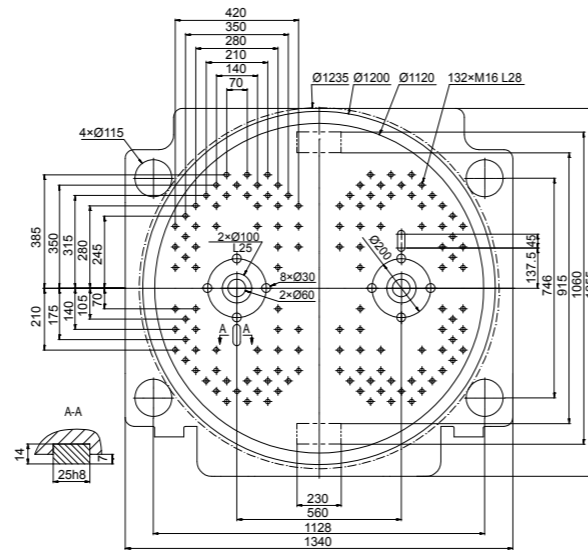
Specification

Turntable multi-color machine with wide mold platen

| INJECTION UNIT | IA3600 II / b-j | | | | | | | | | | | | | | | | IA5300 II / b-j | | | | | | | | | | | | | | | | | | | |
|---|-----------------|---|-----|---|--------|---|-----|---|--------|---|-----|---|--------|---|-----|---|-----------------|---|-----|---|--------|---|-----|---|--------|---|-----|---|---|---|---|---|---|---|---|---|
| | Type 1 | | | | Type 2 | | | | Type 3 | | | | Type 4 | | | | Type 1 | | | | Type 2 | | | | Type 3 | | | | | | | | | | | |
| | 720 | | 280 | | 570 | | 280 | | 390 | | 160 | | 280 | | 160 | | 2350 | | 390 | | 1300 | | 390 | | 720 | | 280 | | | | | | | | | |
| | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C |
| Screw Diameter | mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Screw L/D Ratio | L/D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Shot Size (Theoretical) | cm ³ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Injection Weight (PS) | g | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Injection Rate | g/s | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Plasticizing Capacity(ps) | g/s | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Injection Pressure | MPa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Screw Speed | Rpm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CLAMPING UNIT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clamp Tonnage | KN | | | | | | | | | | | | | | | | KN | | | | | | | | | | | | | | | | | | | |
| Toggle Stroke | mm | | | | | | | | | | | | | | | | mm | | | | | | | | | | | | | | | | | | | |
| Space Between Tie Bars | mm | | | | | | | | | | | | | | | | mm | | | | | | | | | | | | | | | | | | | |
| Diameter of Rotational Mold Adapter | mm | | | | | | | | | | | | | | | | mm | | | | | | | | | | | | | | | | | | | |
| Bearing Capacity of Rotary Platen | t | | | | | | | | | | | | | | | | t | | | | | | | | | | | | | | | | | | | |
| Max.Mold Height | mm | | | | | | | | | | | | | | | | mm | | | | | | | | | | | | | | | | | | | |
| Min. Mold Height | mm | | | | | | | | | | | | | | | | mm | | | | | | | | | | | | | | | | | | | |
| Ejector Stroke | mm | | | | | | | | | | | | | | | | mm | | | | | | | | | | | | | | | | | | | |
| Ejector Tonnage | KN | | | | | | | | | | | | | | | | KN | | | | | | | | | | | | | | | | | | | |
| Distance Between Molds Positing Centers | mm | | | | | | | | | | | | | | | | mm | | | | | | | | | | | | | | | | | | | |
| OTHERS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max. Pump Pressure | Mpa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pump Motor Power | Kw | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heater Power | Kw | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Machine Dimension(LxWxH) | m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Machine Weight | t | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hopper Capacity | Kg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oil Tank Capacity | l | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

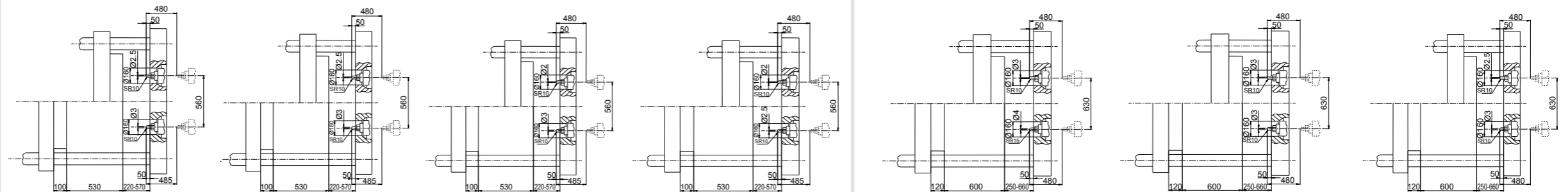
Platen dimensions

Moving platen



Platen dimensions

Mounting hole for robot/sprue picker top view from fixed platen



Note: there is a ejector hole (M16) on the mold ejector plate, which is used for installing ejector transitional pin.

Note: there is a ejector hole (M20) on the mold ejector plate, which is used for installing ejector transitional pin.

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

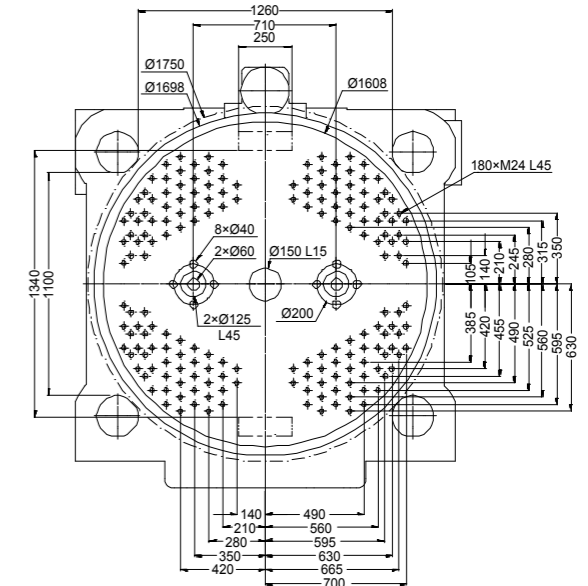
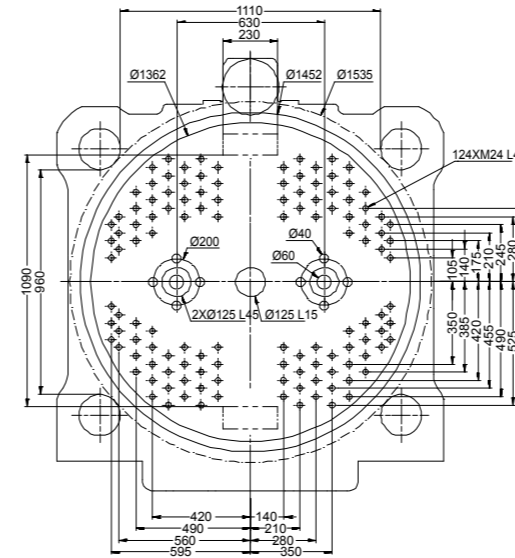
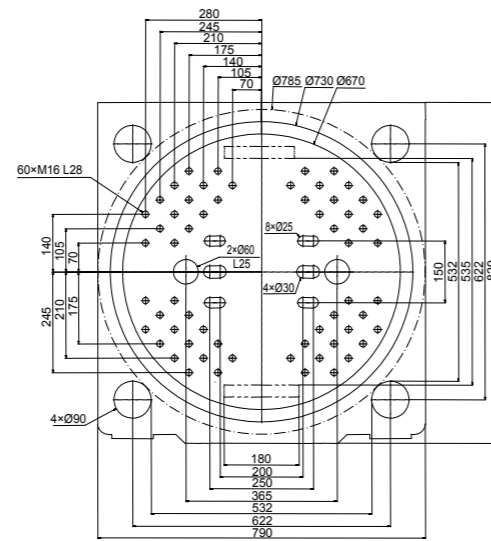
Specification

Turntable multi-color machine with narrow mold platen

| | IA2000 II / n-j | | | | | | IA7500 II / n-j | | | | | | IA10800 II / n-j | | | | | | | | |
|---|-----------------|---|---|-----------------|---|---|-----------------|---|---|-----------------|---|---|------------------|---|---|-----------------|---|---|-----------------|--|--|
| | 280 | | | 280 | | | 2350 | | | 570 | | | 2350 | | | 720 | | | | | |
| | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | | | |
| INJECTION UNIT | | | | | | | | | | | | | | | | | | | | | |
| Screw Diameter | mm | | | mm | | | mm | | | mm | | | mm | | | mm | | | mm | | |
| Screw L /D Ratio | L/D | | | L/D | | | L/D | | | L/D | | | L/D | | | L/D | | | L/D | | |
| Shot Size (Theoretical) | cm ³ | | | cm ³ | | | cm ³ | | | cm ³ | | | cm ³ | | | cm ³ | | | cm ³ | | |
| Injection Weight (PS) | g | | | g | | | g | | | g | | | g | | | g | | | g | | |
| Injection Rate | g/s | | | g/s | | | g/s | | | g/s | | | g/s | | | g/s | | | g/s | | |
| Plasticizing Capacity(ps) | g/s | | | g/s | | | g/s | | | g/s | | | g/s | | | g/s | | | g/s | | |
| Injection Pressure | MPa | | | MPa | | | MPa | | | MPa | | | MPa | | | MPa | | | MPa | | |
| Screw Speed | Rpm | | | Rpm | | | Rpm | | | Rpm | | | Rpm | | | Rpm | | | Rpm | | |
| CLAMPING UNIT | | | | | | | | | | | | | | | | | | | | | |
| Clamp Tonnage | KN | | | KN | | | KN | | | KN | | | KN | | | KN | | | KN | | |
| Toggle Stroke | mm | | | mm | | | mm | | | mm | | | mm | | | mm | | | mm | | |
| Space Between Tie Bars | mm | | | mm | | | mm | | | mm | | | mm | | | mm | | | mm | | |
| Diameter of Rotational Mold Adapter | mm | | | mm | | | mm | | | mm | | | mm | | | mm | | | mm | | |
| Bearing Capacity of Rotary Platen | t | | | t | | | t | | | t | | | t | | | t | | | t | | |
| Max.Mold Height | mm | | | mm | | | mm | | | mm | | | mm | | | mm | | | mm | | |
| Min. Mold Height | mm | | | mm | | | mm | | | mm | | | mm | | | mm | | | mm | | |
| Ejector Stroke | mm | | | mm | | | mm | | | mm | | | mm | | | mm | | | mm | | |
| Ejector Tonnage | KN | | | KN | | | KN | | | KN | | | KN | | | KN | | | KN | | |
| Distance Between Molds Positing Centers | mm | | | mm | | | mm | | | mm | | | mm | | | mm | | | mm | | |
| OTHERS | | | | | | | | | | | | | | | | | | | | | |
| Max. Pump Pressure | Mpa | | | Mpa | | | Mpa | | | Mpa | | | Mpa | | | Mpa | | | Mpa | | |
| Pump Motor Power | Kw | | | Kw | | | Kw | | | Kw | | | Kw | | | Kw | | | Kw | | |
| Heater Power | Kw | | | Kw | | | Kw | | | Kw | | | Kw | | | Kw | | | Kw | | |
| Machine Dimension(LxWxH) | m | | | m | | | m | | | m | | | m | | | m | | | m | | |
| Machine Weight | t | | | t | | | t | | | t | | | t | | | t | | | t | | |
| Hopper Capacity | Kg | | | Kg | | | Kg | | | Kg | | | Kg | | | Kg | | | Kg | | |
| Oil Tank Capacity | l | | | l | | | l | | | l | | | l | | | l | | | l | | |

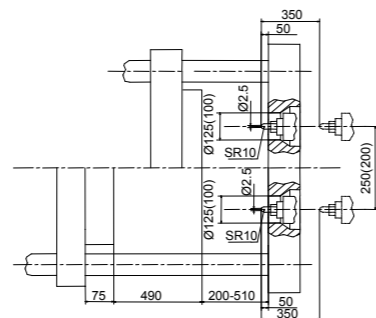
Platen dimensions

Moving platen

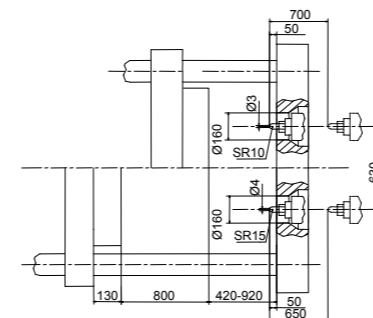


Platen dimensions

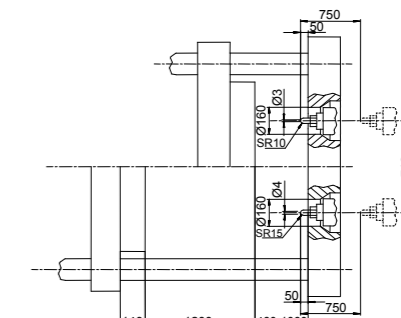
Mounting hole for robot/sprue picker top view from fixed platen



Note: there is a ejector hole (M12) on the mold ejector plate, which is used for installing ejector transitional pin.



Note: there is a ejector hole (M20) on the mold ejector plate, which is used for installing ejector transitional pin.



Note: there is a ejector hole (M20) on the mold ejector plate, which is used for installing ejector transitional pin.

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

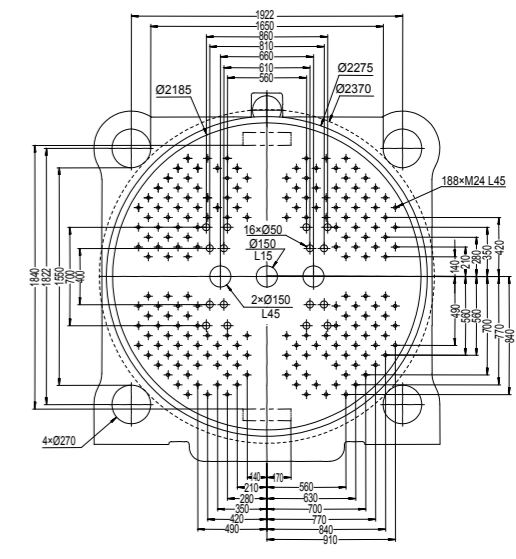
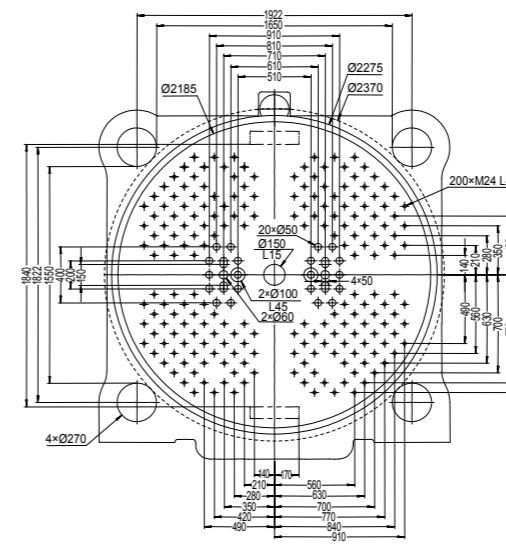
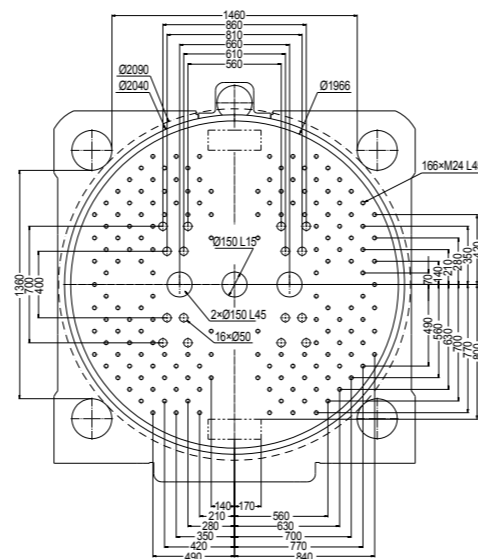
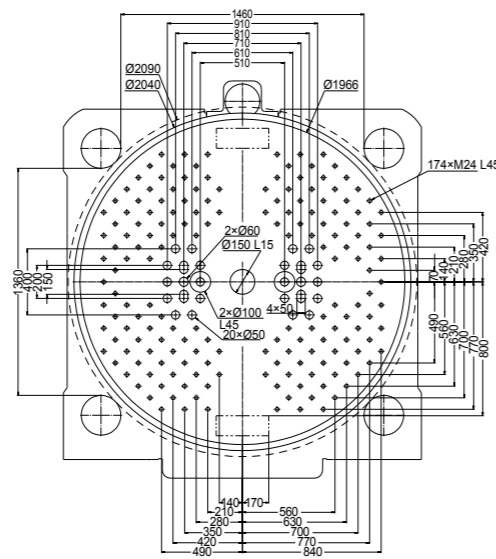
Specification

Turntable multi-color machine with narrow mold platen

| INJECTION UNIT | IA14000 II / n-j | | | | | | | | | | | | IA18500 II / n-j | | | | | | | | | | | |
|---|------------------|------|------|-------|------|------|--------------|------|------|-------|------|------|------------------|------|------|-------|------|------|---------------|------|------|-------|------|------|
| | Type 1 | | | | | | Type 2 | | | | | | Type 1 | | | | | | Type 2 | | | | | |
| | 3150 | | | 980 | | | 3150 | | | 980 | | | 4350 | | | 1710 | | | 4350 | | | 1710 | | |
| | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C |
| Screw Diameter | 70 | 80 | 84 | 50 | 55 | 60 | 70 | 80 | 84 | 50 | 55 | 60 | 80 | 85 | 90 | 60 | 65 | 70 | 80 | 85 | 90 | 60 | 65 | 70 |
| Screw L/D Ratio | 22.9 | 20 | 19.1 | 22 | 20 | 18.3 | 22.9 | 20 | 19.1 | 22 | 20 | 18.3 | 22 | 20.7 | 19.6 | 21.7 | 20 | 18.7 | 22 | 20.7 | 19.6 | 21.7 | 20 | 18.7 |
| Shot Size (Theoretical) | 1424 | 1860 | 2050 | 471 | 570 | 679 | 1424 | 1860 | 2050 | 471 | 570 | 679 | 2212 | 2497 | 2799 | 792 | 929 | 1068 | 2212 | 2497 | 2799 | 792 | 929 | 1068 |
| Injection Weight (PS) | 1296 | 1693 | 1866 | 429 | 519 | 618 | 1296 | 1693 | 1866 | 429 | 519 | 618 | 2013 | 2272 | 2547 | 721 | 845 | 981 | 2013 | 2272 | 2547 | 721 | 845 | 981 |
| Injection Rate | 392 | 511 | 564 | 213 | 258 | 307 | 392 | 511 | 564 | 213 | 258 | 307 | 535 | 604 | 677 | 276 | 324 | 376 | 535 | 604 | 677 | 276 | 324 | 376 |
| Plasticizing Capacity(ps) | 62.8 | 82.8 | 90.9 | 38.6 | 47.3 | 56 | 62.8 | 82.8 | 90.9 | 38.6 | 47.3 | 56 | 73.1 | 80.7 | 92 | 51.1 | 56.7 | 64.4 | 73.1 | 80.7 | 92 | 51.1 | 56.7 | 64.4 |
| Injection Pressure | 221 | 169 | 153 | 207 | 171 | 144 | 221 | 169 | 153 | 207 | 171 | 144 | 196 | 174 | 155 | 215 | 183 | 158 | 196 | 174 | 155 | 215 | 183 | 158 |
| Screw Speed | 0-195 | | | 0-230 | | | 0-195 | | | 0-230 | | | 0-165 | | | 0-220 | | | 0-165 | | | 0-220 | | |
| CLAMPING UNIT | | | | | | | | | | | | | | | | | | | | | | | | |
| Clamp Tonnage | 14000 | | | | | | 14000 | | | | | | 18500 | | | | | | 18500 | | | | | |
| Toggle Stroke | 1600/2350 | | | | | | 1600/2350 | | | | | | 1700 | | | | | | 1700 | | | | | |
| Space Between Tie Bars | 1460x1360 | | | | | | 1460x1360 | | | | | | 1650x1550 | | | | | | 1650x1550 | | | | | |
| Diameter of Rotational Mold Adapter | Ø1966 | | | | | | Ø1966 | | | | | | Ø2185 | | | | | | Ø2185 | | | | | |
| Bearing Capacity of Rotary Platen | 11 | | | | | | 11 | | | | | | 15 | | | | | | 15 | | | | | |
| Max.Mold Height | 1300 | | | | | | 1300 | | | | | | 1450 | | | | | | 1450 | | | | | |
| Min. Mold Height | 550 | | | | | | 550 | | | | | | 600 | | | | | | 600 | | | | | |
| Ejector Stroke | 300 | | | | | | 300 | | | | | | 300 | | | | | | 300 | | | | | |
| Ejector Tonnage | 156x2 | | | | | | 156x2 | | | | | | 156x2 | | | | | | 156x2 | | | | | |
| Distance Between Molds Positing Centers | 710 | | | | | | 710 | | | | | | 710 | | | | | | 710 | | | | | |
| OTHERS | | | | | | | | | | | | | | | | | | | | | | | | |
| Max. Pump Pressure | 21 | | | | | | 21 | | | | | | 17.5 | | | | | | 17.5 | | | | | |
| Pump Motor Power | 75+37+7.5 | | | | | | 75+37+7.5 | | | | | | 110+45+7.5 | | | | | | 110+45+7.5 | | | | | |
| Heater Power | 30 | | | 19.05 | | | 30 | | | 19.05 | | | 42.35 | | | 27 | | | 42.35 | | | 27 | | |
| Machine Dimension(LxWxH) | 11.2x3.6x3.2 | | | | | | 11.2x3.6x3.2 | | | | | | 12.3x4.2x3.44 | | | | | | 12.3x4.2x3.44 | | | | | |
| Machine Weight | 70 | | | | | | 70 | | | | | | 100 | | | | | | 100 | | | | | |
| Hopper Capacity | 50 | | | 50 | | | 50 | | | 50 | | | 100 | | | 50 | | | 100 | | | 50 | | |
| Oil Tank Capacity | 1300 | | | | | | 1300 | | | | | | 1920 | | | | | | 1920 | | | | | |

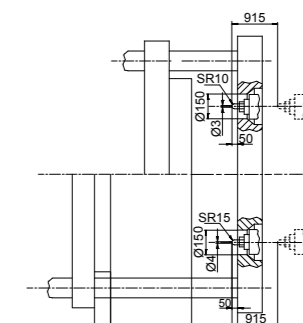
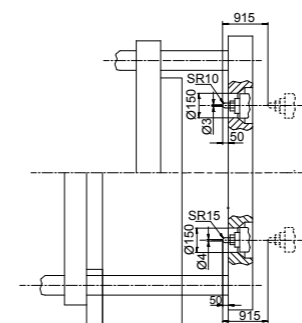
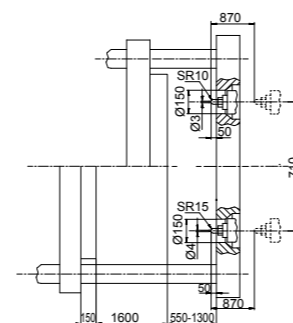
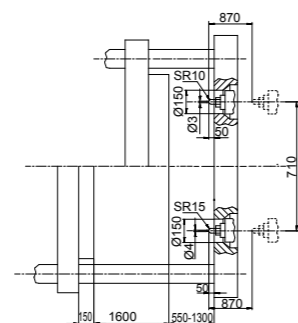
Platen dimensions

Moving platen



Platen dimensions

Mounting hole for robot/sprue picker top view from fixed platen



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

Note: there is a ejector hole (M20) on the mold ejector plate, which is used for installing ejector transitional pin.

Note: there is a ejector hole (M20) on the mold ejector plate, which is used for installing ejector transitional pin.

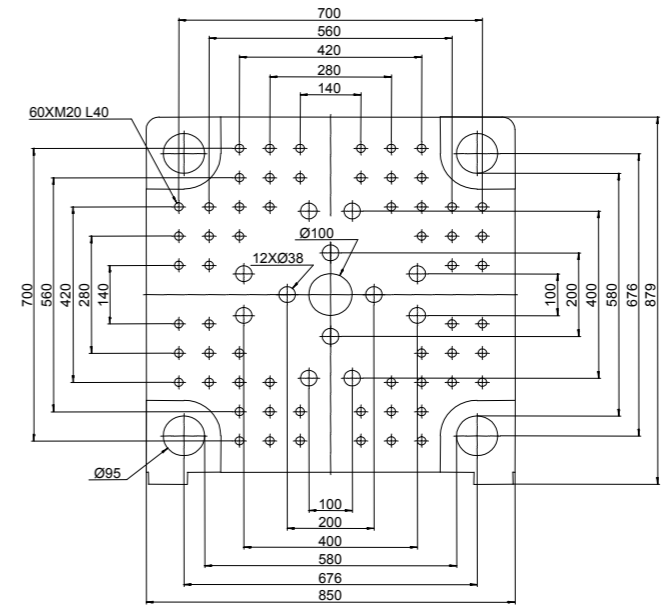
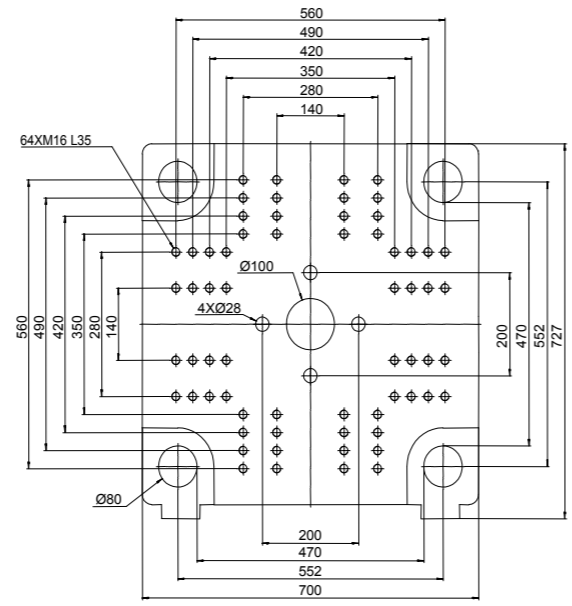
Specification

Sandwich/interval multi-color machine

| INJECTION UNIT | IA1600 II / i-j | | | | | | | | | | | | IA2500 II / i-j | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-----------------|--------------|------|------|-------|------|---------------------|------------|------|------|-------|-----|-----------------|--------------|-----|------|-------|------|---------------------|--------|-----|------|-------|-----|---------------------|-------|-----|------|-------|-----|------|-----|-----|------|
| | Type 1 | | | | | | Type 2(multi-color) | | | | | | Type 1 | | | | | | Type 2(multi-color) | | | | | | Type 3(multi-color) | | | | | | | | | |
| | 390 | | | 280 | | | 390 | | | 100 | | | 720 | | | 390 | | | 720 | | | 280 | | | 720 | | | 160 | | | | | | |
| | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | |
| Screw Diameter | mm | 36 | 40 | 45 | 32 | 36 | 40 | 36 | 40 | 45 | 22 | 26 | | 45 | 50 | 55 | 36 | 40 | 45 | 45 | 50 | 55 | 32 | 36 | 40 | 45 | 50 | 55 | 26 | 30 | 34 | 26 | 30 | 34 |
| Screw L/D Ratio | L/D | 23.3 | 21 | 18.7 | 22.5 | 20 | 18 | 23.3 | 21 | 18.7 | 20 | 20 | | 22.2 | 20 | 18.2 | 23.3 | 21 | 18.7 | 22.2 | 20 | 18.2 | 22.5 | 20 | 18 | 22.2 | 20 | 18.2 | 24 | 21 | 19 | 24 | 21 | 19 |
| Shot Size (Theoretical) | cm ³ | 173 | 214 | 270 | 122 | 155 | 191 | 173 | 214 | 270 | 38 | 53 | | 334 | 412 | 499 | 173 | 214 | 270 | 334 | 412 | 499 | 122 | 155 | 191 | 334 | 412 | 499 | 66 | 88 | 113 | 66 | 88 | 113 |
| Injection Weight (PS) | g | 157 | 195 | 246 | 111 | 141 | 174 | 157 | 195 | 246 | 35 | 48 | | 304 | 375 | 454 | 157 | 195 | 246 | 304 | 375 | 454 | 111 | 141 | 174 | 304 | 375 | 454 | 60 | 80 | 103 | 60 | 80 | 103 |
| Injection Rate | g/s | 130 | 160 | 203 | 75 | 95 | 118 | 130 | 160 | 203 | 46 | 64 | | 174 | 215 | 260 | 112 | 138 | 175 | 174 | 215 | 260 | 55 | 69 | 85 | 174 | 215 | 260 | 52 | 69 | 89 | 52 | 69 | 89 |
| Plasticizing Capacity(ps) | g/s | 17.8 | 21.7 | 28.8 | 10.1 | 13.3 | 16.1 | 17.8 | 21.7 | 28.8 | 3 | 5.3 | | 26.2 | 33 | 40.3 | 16.4 | 20.0 | 26.5 | 26.2 | 33 | 40.3 | 7.3 | 9.6 | 11.6 | 26.2 | 33 | 40.3 | 6.1 | 8.3 | 11.2 | 6.1 | 8.3 | 11.2 |
| Injection Pressure | MPa | 225 | 182 | 144 | 225 | 178 | 144 | 225 | 182 | 144 | 268 | 192 | | 215 | 174 | 144 | 225 | 182 | 144 | 215 | 174 | 144 | 225 | 178 | 144 | 215 | 174 | 144 | 237 | 178 | 138 | 237 | 178 | 138 |
| Screw Speed | Rpm | 0-300 | | | 0-240 | | | 0-300 | | | 0-246 | | | 0-225 | | | 0-255 | | | 0-225 | | | 0-175 | | | 0-225 | | | 0-246 | | | | | |
| CLAMPING UNIT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clamp Tonnage | KN | 1600 | | | | | | | | | | | | 2500 | | | | | | | | | | | | | | | | | | | | |
| Toggle Stroke | mm | 430 | | | | | | | | | | | | 540 | | | | | | | | | | | | | | | | | | | | |
| Space Between Tie Bars | mm | 470x470 | | | | | | | | | | | | 580x580 | | | | | | | | | | | | | | | | | | | | |
| Max.Mold Height | mm | 520 | | | | | | | | | | | | 580 | | | | | | | | | | | | | | | | | | | | |
| Min. Mold Height | mm | 180 | | | | | | | | | | | | 220 | | | | | | | | | | | | | | | | | | | | |
| Ejector Stroke | mm | 140 | | | | | | | | | | | | 150 | | | | | | | | | | | | | | | | | | | | |
| Ejector Tonnage | KN | 33 | | | | | | | | | | | | 62 | | | | | | | | | | | | | | | | | | | | |
| OTHERS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max. Pump Pressure | Mpa | 16 | | | | | | | | | | | | 16 | | | | | | | | | | | | | | | | | | | | |
| Pump Motor Power | Kw | 7.5+11 | | | | | | 11+7.5 | | | | | | 7.5+15 | | | | | | 15+7.5 | | | | | | | | | | | | | | |
| Heater Power | Kw | 28.7 | | | | | | 23.5(25.9) | | | | | | 37.3 | | | | | | 35.3 | | | | | | | | | | | | | | |
| Machine Dimension(LxWxH) | m | 6.3x1.5x1.89 | | | | | | 6.15 | | | | | | 7.3x1.7x2.05 | | | | | | 8.9 | | | | | | | | | | | | | | |
| Machine Weight | t | 6.2 | | | | | | 6.15 | | | | | | 9 | | | | | | 8.9 | | | | | | | | | | | | | | |
| Hopper Capacity | Kg | 25 | | | 25 | | | 25 | | | 25 | | | 50 | | | 25 | | | 50 | | | 25 | | | 50 | | | 25 | | | | | |
| Oil Tank Capacity | l | 280 | | | | | | | | | | | | 380 | | | | | | | | | | | | | | | | | | | | |

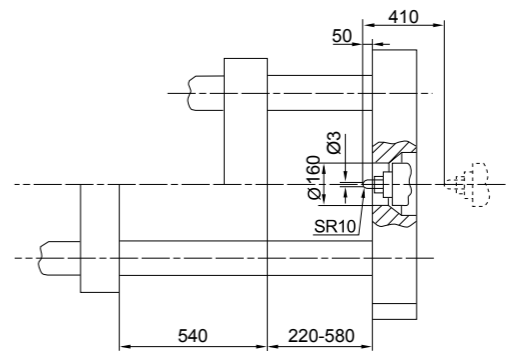
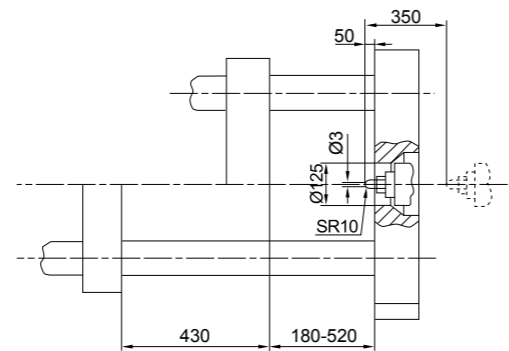
Platen dimensions

Moving platen



Platen dimensions

Mounting hole for robot/sprue picker top view from fixed platen



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

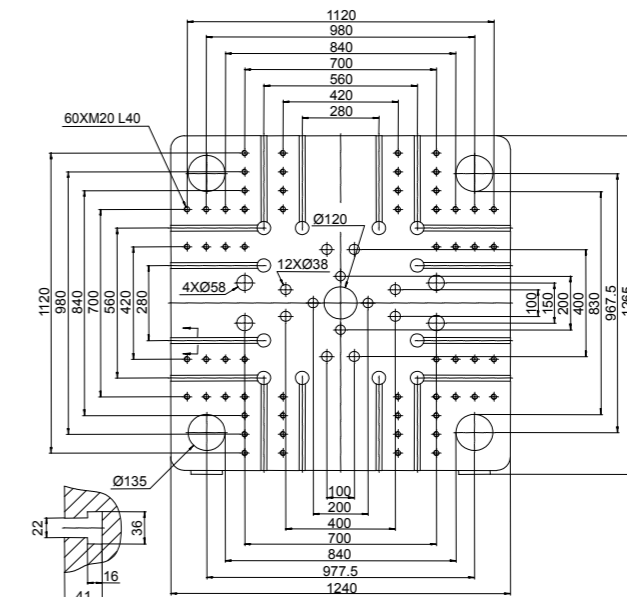
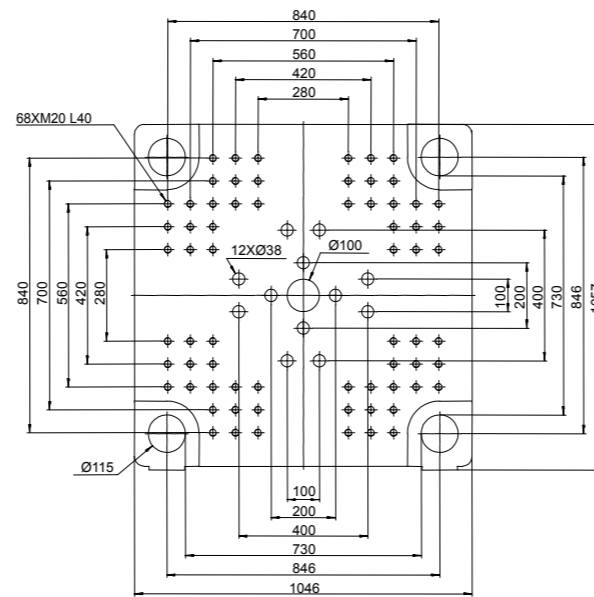
Specification

Sandwich/interval multi-color machine

| INJECTION UNIT | IA3800 II / i-j | | | | | | | | | | | | IA5300 II / i-j | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-----------------|------|------|-------|----------------------|------|-------|------|----------------------|-------|------|------|-----------------|------|------|-------|----------------------|------|-------|------|----------------------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|
| | Type 1 | | | | Type 2 (multi-color) | | | | Type 3 (multi-color) | | | | Type 1 | | | | Type 2 (multi-color) | | | | Type 3 (multi-color) | | | | | | | | | | | | | | | |
| | 1710 | | 980 | | 1710 | | 570 | | 1710 | | 280 | | 3150 | | 1710 | | 3150 | | 980 | | 3150 | | 570 | | | | | | | | | | | | | |
| | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | | | | | | | | | | | | |
| Screw Diameter | 60 | 65 | 70 | 50 | 55 | 60 | 60 | 65 | 70 | 40 | 45 | 50 | 60 | 65 | 70 | 32 | 36 | 40 | 70 | 80 | 84 | 60 | 65 | 70 | 70 | 80 | 84 | 50 | 55 | 60 | 70 | 80 | 84 | 40 | 45 | 50 |
| Screw L/D Ratio | 21.7 | 20 | 18.6 | 22 | 20 | 18.3 | 21.7 | 20 | 18.6 | 22.5 | 20 | 18 | 21.7 | 20 | 18.6 | 22.5 | 20 | 18 | 22.9 | 20 | 19.1 | 21.7 | 20 | 18.6 | 22.9 | 20 | 19.1 | 22 | 20 | 18.3 | 22.9 | 20 | 19.1 | 22.5 | 20 | 18 |
| Shot Size (Theoretical) | 792 | 929 | 1078 | 471 | 570 | 679 | 792 | 929 | 1078 | 251 | 318 | 393 | 792 | 929 | 1078 | 122 | 155 | 191 | 1424 | 1860 | 2050 | 792 | 929 | 1078 | 1424 | 1860 | 2050 | 471 | 570 | 679 | 1424 | 1860 | 2050 | 251 | 318 | 393 |
| Injection Weight (PS) | 721 | 845 | 981 | 429 | 519 | 618 | 721 | 845 | 981 | 228 | 289 | 358 | 721 | 845 | 981 | 111 | 141 | 174 | 1296 | 1693 | 1866 | 721 | 845 | 981 | 1296 | 1693 | 1866 | 429 | 519 | 618 | 1296 | 1693 | 1866 | 228 | 289 | 358 |
| Injection Rate | 329 | 386 | 447 | 245 | 296 | 353 | 329 | 386 | 447 | 88 | 112 | 138 | 293 | 344 | 399 | 55 | 69 | 85 | 416 | 544 | 599 | 283 | 332 | 385 | 416 | 544 | 599 | 150 | 181 | 216 | 366 | 478 | 526 | 88 | 112 | 138 |
| Plasticizing Capacity(ps) | 56.2 | 62.4 | 70.8 | 38.6 | 47.3 | 56 | 56.2 | 62.4 | 70.8 | 13.6 | 18.0 | 22.7 | 51.1 | 56.7 | 64.4 | 7.3 | 9.6 | 11.6 | 62.8 | 82.8 | 90.9 | 51.1 | 56.7 | 64.4 | 62.8 | 82.8 | 90.9 | 24.5 | 30 | 35.5 | 57.8 | 76.1 | 83.6 | 13.6 | 18.0 | 22.7 |
| Injection Pressure | 215 | 183 | 158 | 207 | 171 | 144 | 215 | 183 | 158 | 225 | 178 | 144 | 215 | 183 | 158 | 225 | 178 | 144 | 221 | 169 | 153 | 215 | 183 | 158 | 221 | 169 | 153 | 207 | 171 | 144 | 221 | 169 | 153 | 225 | 178 | 144 |
| Screw Speed | 0-250 | | | 0-260 | | | 0-250 | | | 0-165 | | | 0-230 | | | 0-175 | | | 0-205 | | | 0-225 | | | 0-205 | | | 0-160 | | | 0-180 | | | 0-165 | | |
| CLAMPING UNIT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clamp Tonnage | 3800 | | | | | | | | | | | | 5300 | | | | | | | | | | | | | | | | | | | | | | | |
| Toggle Stroke | 700 | | | | | | | | | | | | 850 | | | | | | | | | | | | | | | | | | | | | | | |
| Space Between Tie Bars | 730x730 | | | | | | | | | | | | 840x830 | | | | | | | | | | | | | | | | | | | | | | | |
| Max. Mold Height | 730 | | | | | | | | | | | | 850 | | | | | | | | | | | | | | | | | | | | | | | |
| Min. Mold Height | 280 | | | | | | | | | | | | 350 | | | | | | | | | | | | | | | | | | | | | | | |
| Ejector Stroke | 180 | | | | | | | | | | | | 220 | | | | | | | | | | | | | | | | | | | | | | | |
| Ejector Tonnage | 110 | | | | | | | | | | | | 158 | | | | | | | | | | | | | | | | | | | | | | | |
| OTHERS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max. Pump Pressure | 16 | | | | | | | | | | | | 16 | | | | | | | | | | | | | | | | | | | | | | | |
| Pump Motor Power | 13+30 | | | | 30+13 | | | | 30+7.5 | | | | 18.5+37 | | | | 37+18.5 | | | | 37+13 | | | | | | | | | | | | | | | |
| Heater Power | 65.9 | | | | 60.45 | | | | 57.3 | | | | 71.85 | | | | 64.05 | | | | 57.15 | | | | | | | | | | | | | | | |
| Machine Dimension(LxWxH) | 8.4x1.8x2.3 | | | | | | | | | | | | 9.6x2.2x2.33 | | | | | | | | | | | | | | | | | | | | | | | |
| Machine Weight | 15.5 | | | | | | | | | | | | 27 | | | | | | | | | | | | | | | | | | | | | | | |
| Hopper Capacity | 50 | | 15.6 | | 50 | | 50 | | 25 | | 50 | | 15.1 | | 25 | | 50 | | 27.5 | | 50 | | 50 | | 50 | | 50 | | 26.7 | | 25 | | | | | |
| Oil Tank Capacity | 700 | | | | | | | | | | | | 950 | | | | | | | | | | | | | | | | | | | | | | | |

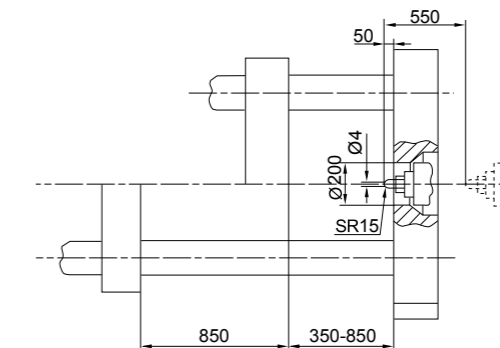
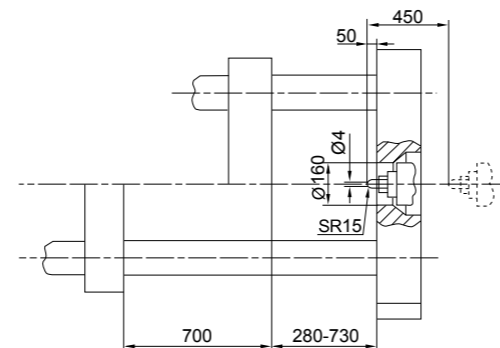
Platen dimensions

Moving platen



Platen dimensions

Mounting hole for robot/sprue picker top view from fixed platen



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

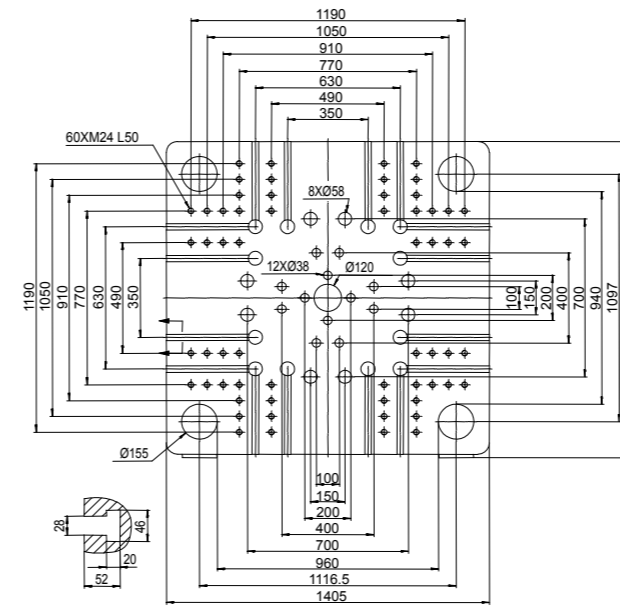
Specification

Sandwich/interval multi-color machine

| | | IA7000 II /i-j | | | | | | | | | | | | | | | | | |
|---------------------------|-----------------|----------------|------|------|-------|------|------|----------------------|------|------|-------|------|------|----------------------|------|------|-------|------|------|
| INJECTION UNIT | | Type 1 | | | | | | Type 2 (multi-color) | | | | | | Type 3 (multi-color) | | | | | |
| | | 4350 | | | 3150 | | | 4350 | | | 1710 | | | 4350 | | | 980 | | |
| | | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C |
| Screw Diameter | mm | 80 | 85 | 90 | 70 | 80 | 84 | 80 | 85 | 90 | 60 | 65 | 70 | 80 | 85 | 90 | 50 | 55 | 60 |
| Screw L/D Ratio | L/D | 22 | 20.7 | 19.6 | 22.9 | 20 | 19.1 | 22 | 20.7 | 19.6 | 21.7 | 20 | 18.6 | 22 | 20.7 | 19.6 | 22 | 20 | 18.3 |
| Shot Size (Theoretical) | cm ³ | 2212 | 2497 | 2799 | 1424 | 1860 | 2050 | 2212 | 2497 | 2799 | 792 | 929 | 1078 | 2212 | 2497 | 2799 | 471 | 570 | 679 |
| Injection Weight (PS) | g | 2013 | 2272 | 2547 | 1296 | 1693 | 1866 | 2013 | 2272 | 2547 | 721 | 845 | 981 | 2013 | 2272 | 2547 | 429 | 519 | 618 |
| Injection Rate | g/s | 552 | 624 | 699 | 330 | 431 | 475 | 570 | 643 | 721 | 236 | 277 | 321 | 469 | 529 | 593 | 150 | 181 | 216 |
| Plasticizing Capacity(ps) | g/s | 75 | 82.8 | 94.3 | 55 | 72.5 | 79.6 | 75 | 82.8 | 94.3 | 41.9 | 46.5 | 52.8 | 62.5 | 69 | 78.6 | 25.9 | 31.8 | 37.6 |
| Injection Pressure | MPa | 196 | 174 | 155 | 221 | 169 | 153 | 196 | 174 | 155 | 215 | 183 | 158 | 196 | 174 | 155 | 207 | 171 | 144 |
| Screw Speed | Rpm | 0-175 | | | 0-165 | | | 0-175 | | | 0-185 | | | 0-140 | | | 0-160 | | |
| CLAMPING UNIT | | | | | | | | | | | | | | | | | | | |
| Clamp Tonnage | KN | 7000 | | | | | | | | | | | | | | | | | |
| Toggle Stroke | mm | 970 | | | | | | | | | | | | | | | | | |
| Space Between Tie Bars | mm | 960×940 | | | | | | | | | | | | | | | | | |
| Max.Mold Height | mm | 940 | | | | | | | | | | | | | | | | | |
| Min. Mold Height | mm | 400 | | | | | | | | | | | | | | | | | |
| Ejector Stroke | mm | 260 | | | | | | | | | | | | | | | | | |
| Ejector Tonnage | KN | 186 | | | | | | | | | | | | | | | | | |
| OTHERS | | | | | | | | | | | | | | | | | | | |
| Max. Pump Pressure | Mpa | 16 | | | | | | | | | | | | | | | | | |
| Pump Motor Power | Kw | 22+45 | | | | | | 37+30 | | | | | | 37+18.5 | | | | | |
| Heater Power | Kw | 91.1 | | | | | | 84.8 | | | | | | 80.3 | | | | | |
| Machine Dimension(LxWxH) | m | 10.9×2.3×2.45 | | | | | | | | | | | | | | | | | |
| Machine Weight | t | 34 | | | | | | | | | | | | | | | | | |
| Hopper Capacity | Kg | 100 | | | 50 | | | 100 | | | 50 | | | 100 | | | 50 | | |
| Oil Tank Capacity | l | 1120 | | | | | | | | | | | | | | | | | |

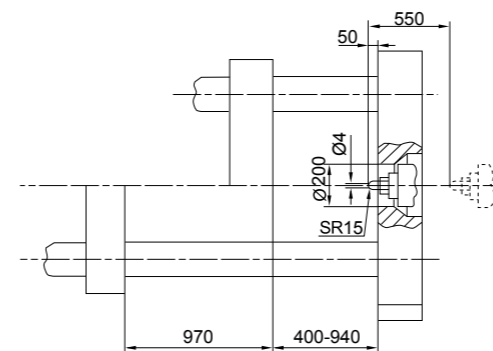
Platen dimensions

Moving platen



Platen dimensions

Mounting hole for robot/sprue picker top view from fixed platen



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