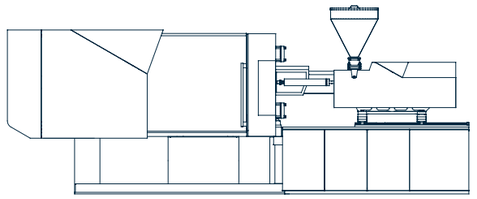

# technical parameters

# NEO·T

## Toggle Clamp
Injection Molding Machine

**Tederic Machinery Co., Ltd.**
No.245 Wenze North Road,
Hangzhou City, Zhejiang Province, 310018, China
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t.NEO-T.202107.02

tederic
SMART INJECTION

# NEO·T

## Parameters

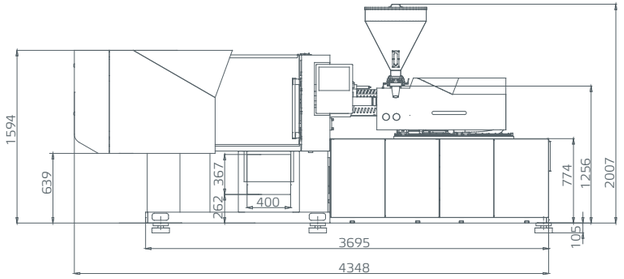
| Clamping unit | Unit | NEO·T90 | | |
|---|---|---|---|---|
| Clamping force | kN | 900 | | |
| Clamping stroke | mm | 340 | | |
| Space between tie bars | mm | 360×360 | | |
| Max. mold height | mm | 390 | | |
| Min. mold height | mm | 150 | | |
| Ejector stroke | mm | 120 | | |
| Ejector force | kN | 34 | | |
| No. of ejector pins | piece | 5 | | |
| Max. daylight | mm | 730 | | |
| Min. mold dimension | mm | 252x252 | | |
| Platen dimensions (HxV) | mm | 530x530 | | |
| Injection unit | Unit | *i*380 | | |
| | | A | B | C |
| Screw diameter | mm | 35 | 38 | 42 |
| Screw L/D ratio | L/D | 21.7 | 20.0 | 18.1 |
| Shot size (theoretical) | cm³ | 168 | 199 | 243 |
| Injection weight (PS) | g | 153 | 181 | 221 |
| Injection pressure | MPa | 228.0 | 193.0 | 158.0 |
| Injection rate into air | g/s | 106 | 125 | 153 |
| Screw speed | rpm | 250 | | |
| Max. injection speed | mm/s | 121 | | |
| Injection stroke | mm | 175 | | |
| Others | Unit | *i*380 | | |
| Max. pump pressure | MPa | 17.5 | | |
| Pump motor power | kW | 16 | | |
| Heater power | kW | 6.6 | | |
| Hopper capacity | kg | 25 | | |
| Oil tank volume | L | 120 | | |
| Total machine weight | t | 3.3 | | |
| Machine dimension (LxWxH) | m | 4.34x1.3x2.0 | | |

Remarks:
The bearing weight by moving platen is 2/3 of the maximum mold weight.
Theoretical capacity is the calculated volume of injection produced by the cross-sectional area of the screw/plunger and the injection stroke
The injection weight (PS) is the theoretical value derived form the injection volume and the typical melt density of polystyrene
The screw speed is the theoretical maximum screw speed.
Please inform us if you have requirement for engineering material like PVC, PMMA or some special requirement.

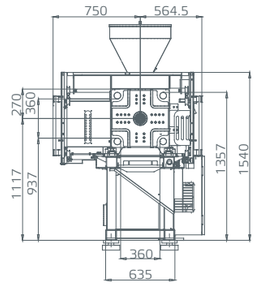
Due to continuous improvements, we reserve the right to modify any aspect of the specification without prior notice.



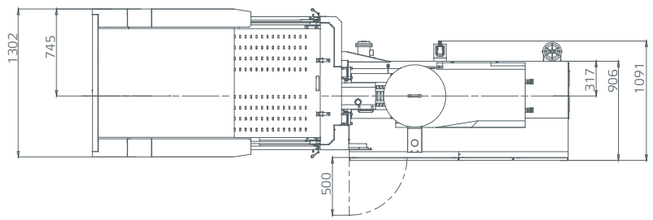
### Front view of machine dimension



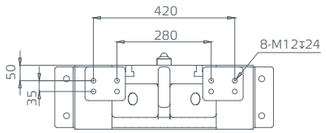

### Robot installation dimension



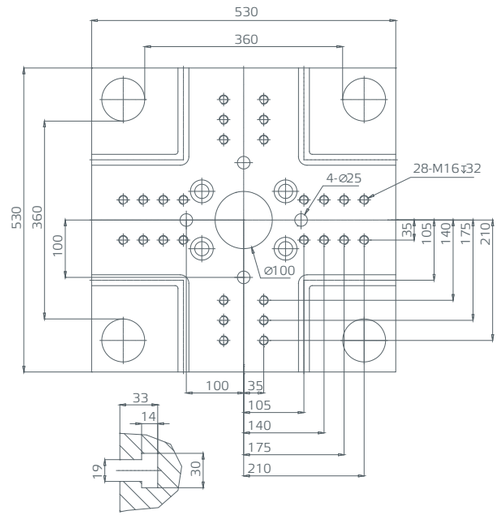

### Top view of machine dimension




### Robot fixed platen dimension

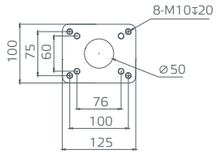



### Moving platen dimension

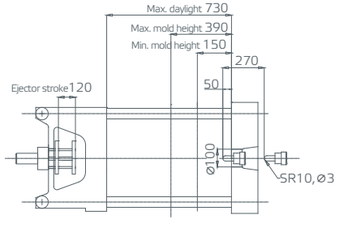



Unit:mm

### Feeding port dimensions




### Clamping unit



# NEO·T

## Parameters

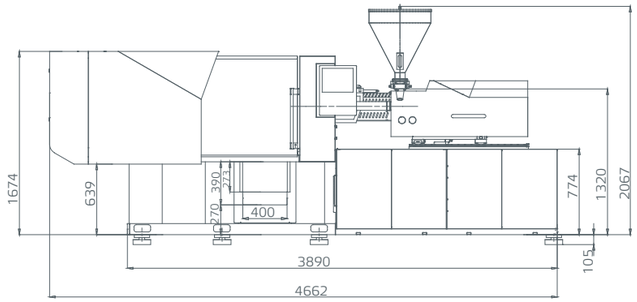
| Clamping unit | Unit | NEO·T120 | | |
|---|---|---|---|---|
| Clamping force | kN | 1200 | | |
| Clamping stroke | mm | 360 | | |
| Space between tie bars | mm | 410×410 | | |
| Max. mold height | mm | 450 | | |
| Min. mold height | mm | 150 | | |
| Ejector stroke | mm | 120 | | |
| Ejector force | kN | 34 | | |
| No. of ejector pins | piece | 5 | | |
| Max. daylight | mm | 810 | | |
| Min. mold dimension | mm | 287x287 | | |
| Platen dimensions (HxV) | mm | 610x610 | | |
| Injection unit | Unit | *i*510 | | |
| | | A | B | C |
| Screw diameter | mm | 38 | 42 | 45 |
| Screw L/D ratio | L/D | 22.1 | 20.0 | 18.7 |
| Shot size (theoretical) | cm³ | 222 | 270 | 310 |
| Injection weight (PS) | g | 202 | 246 | 282 |
| Injection pressure | MPa | 233.0 | 190.0 | 166.0 |
| Injection rate into air | g/s | 130 | 159 | 182 |
| Screw speed | rpm | 250 | | |
| Max. injection speed | mm/s | 126 | | |
| Injection stroke | mm | 195 | | |
| Others | Unit | *i*510 | | |
| Max. pump pressure | MPa | 17.5 | | |
| Pump motor power | kW | 20 | | |
| Heater power | kW | 9.5 | | |
| Hopper capacity | kg | 25 | | |
| Oil tank volume | L | 140 | | |
| Total machine weight | t | 4.4 | | |
| Machine dimension (LxWxH) | m | 4.66x1.45x2.07 | | |

Remarks:
The bearing weight by moving platen is 2/3 of the maximum mold weight.
Theoretical capacity is the calculated volume of injection produced by the cross-sectional area of the screw/plunger and the injection stroke
The injection weight (PS) is the theoretical value derived form the injection volume and the typical melt density of polystyrene
The screw speed is the theoretical maximum screw speed.
Please inform us if you have requirement for engineering material like PVC, PMMA or some special requirement.

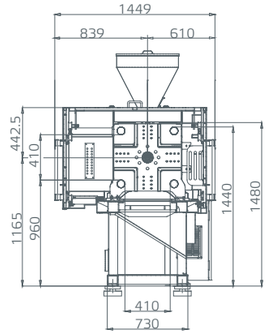
Due to continuous improvements, we reserve the right to modify any aspect of the specification without prior notice.



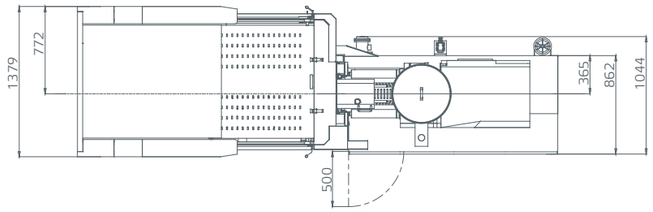
### Front view of machine dimension



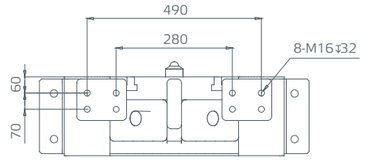

### Robot installation dimension



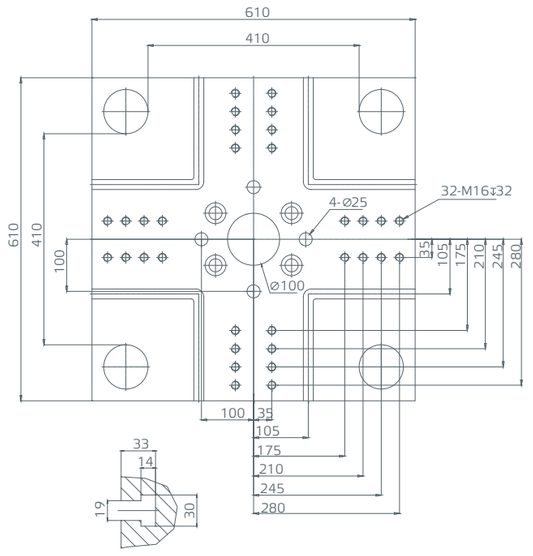

### Top view of machine dimension



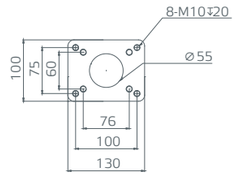

### Robot fixed platen dimension



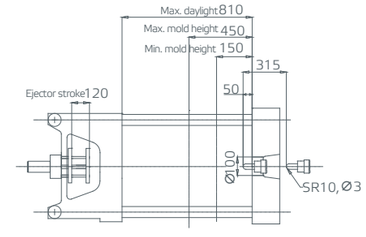

### Moving platen dimension




### Feeding port dimensions




### Clamping unit




Unit:mm

# NEO·T

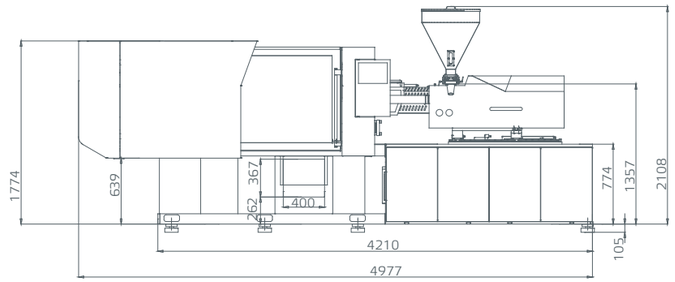
## Parameters

| Clamping unit | Unit | NEO·T160 | | |
|---|---|---|---|---|
| Clamping force | kN | 1600 | | |
| Clamping stroke | mm | 450 | | |
| Space between tie bars | mm | 470×470 | | |
| Max. mold height | mm | 530 | | |
| Min. mold height | mm | 180 | | |
| Ejector stroke | mm | 150 | | |
| Ejector force | kN | 49 | | |
| No. of ejector pins | piece | 5 | | |
| Max. daylight | mm | 980 | | |
| Min. mold dimension | mm | 329x329 | | |
| Platen dimensions (HxV) | mm | 700x700 | | |
| Injection unit | Unit | *i*600 | | |
| | | A | B | C |
| Screw diameter | mm | 42 | 45 | 50 |
| Screw L/D ratio | L/D | 21.4 | 20.0 | 18.0 |
| Shot size (theoretical) | cm³ | 312 | 358 | 442 |
| Injection weight (PS) | g | 284 | 326 | 402 |
| Injection pressure | MPa | 223.5 | 194.7 | 157.7 |
| Injection rate into air | g/s | 135 | 155 | 192 |
| Screw speed | rpm | 238 | | |
| Max. injection speed | mm/s | 107 | | |
| Injection stroke | mm | 225 | | |
| Others | Unit | *i*600 | | |
| Max. pump pressure | MPa | 17.5 | | |
| Pump motor power | kW | 20 | | |
| Heater power | kW | 10.4 | | |
| Hopper capacity | kg | 50 | | |
| Oil tank volume | L | 190 | | |
| Total machine weight | t | 5.6 | | |
| Machine dimension (LxWxH) | m | 4.98x1.44x2.11 | | |

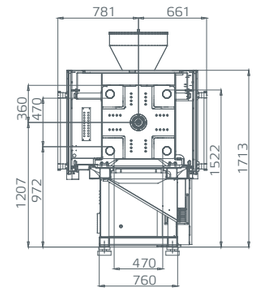
Remarks:
The bearing weight by moving platen is 2/3 of the maximum mold weight.
Theoretical capacity is the calculated volume of injection produced by the cross-sectional area of the screw/plunger and the injection stroke
The injection weight (PS) is the theoretical value derived form the injection volume and the typical melt density of polystyrene
The screw speed is the theoretical maximum screw speed.
Please inform us if you have requirement for engineering material like PVC, PMMA or some special requirement.

Due to continuous improvements, we reserve the right to modify any aspect of the specification without prior notice.

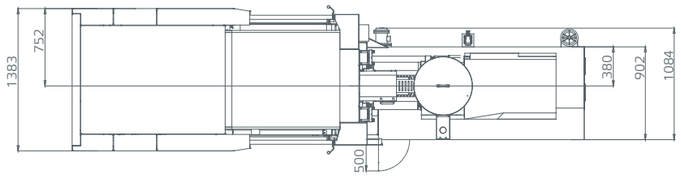
### Front view of machine dimension



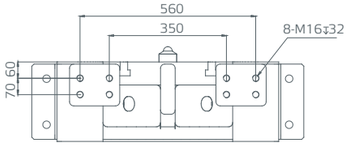

### Robot installation dimension



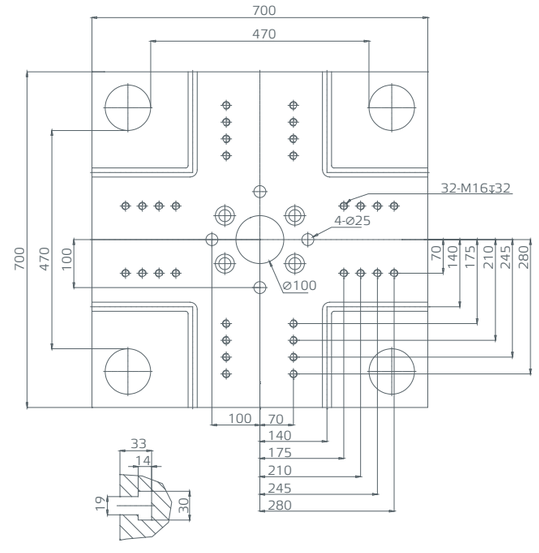

### Top view of machine dimension



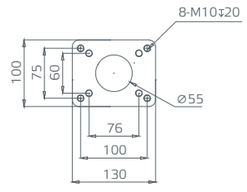

### Robot fixed platen dimension



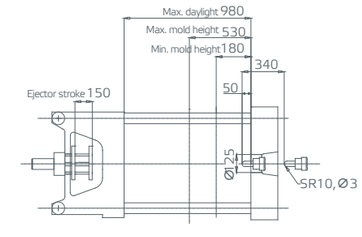

### Moving platen dimension




### Feeding port dimensions




### Clamping unit




Unit:mm

# NEO·T

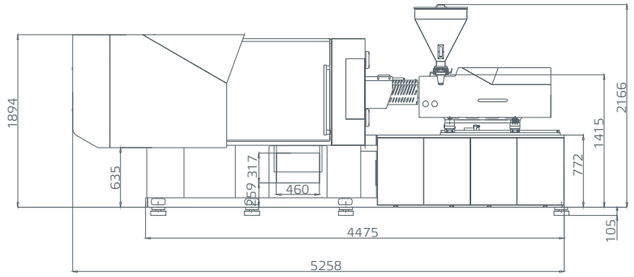
## Parameters

| Clamping unit | Unit | NEO·T200 | | |
|---|---|---|---|---|
| Clamping force | kN | 2000 | | |
| Clamping stroke | mm | 510 | | |
| Space between tie bars | mm | 530×530 | | |
| Max. mold height | mm | 560 | | |
| Min. mold height | mm | 200 | | |
| Ejector stroke | mm | 150 | | |
| Ejector force | kN | 67 | | |
| No. of ejector pins | piece | 9 | | |
| Max. daylight | mm | 1070 | | |
| Min. mold dimension | mm | 371x371 | | |
| Platen dimensions (HxV) | mm | 800x800 | | |
| Injection unit | Unit | *i*850 | | |
| | | A | B | C |
| Screw diameter | mm | 45 | 50 | 55 |
| Screw L/D ratio | L/D | 22.2 | 20.0 | 18.2 |
| Shot size (theoretical) | cm³ | 374 | 461 | 558 |
| Injection weight (PS) | g | 340 | 420 | 508 |
| Injection pressure | MPa | 229.9 | 186.2 | 153.9 |
| Injection rate into air | g/s | 164 | 203 | 246 |
| Screw speed | rpm | 230 | | |
| Max. injection speed | mm/s | 114 | | |
| Injection stroke | mm | 235 | | |
| Others | Unit | *i*850 | | |
| Max. pump pressure | MPa | 17.5 | | |
| Pump motor power | kW | 25 | | |
| Heater power | kW | 13.0 | | |
| Hopper capacity | kg | 50 | | |
| Oil tank volume | L | 210 | | |
| Total machine weight | t | 7.2 | | |
| Machine dimension (LxWxH) | m | 5.26x1.68x2.17 | | |

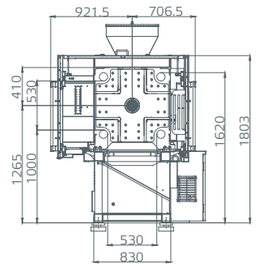
Remarks:
The bearing weight by moving platen is 2/3 of the maximum mold weight.
Theoretical capacity is the calculated volume of injection produced by the cross-sectional area of the screw/plunger and the injection stroke
The injection weight (PS) is the theoretical value derived form the injection volume and the typical melt density of polystyrene
The screw speed is the theoretical maximum screw speed.
Please inform us if you have requirement for engineering material like PVC, PMMA or some special requirement.

Due to continuous improvements, we reserve the right to modify any aspect of the specification without prior notice.

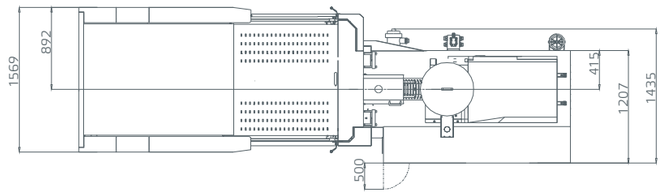
### Front view of machine dimension



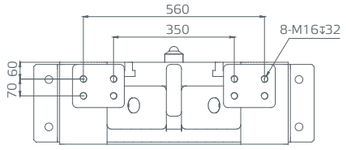

### Robot installation dimension



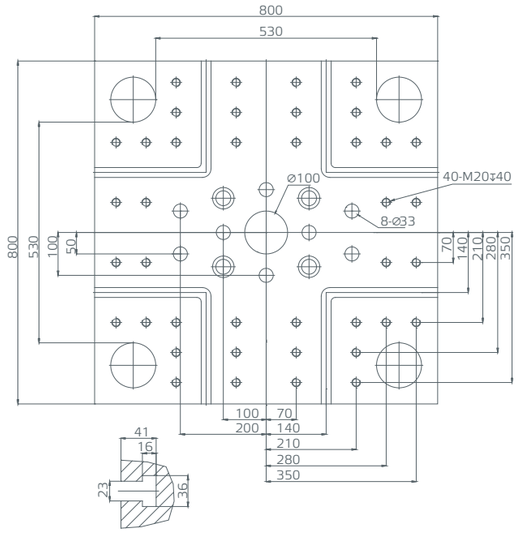

### Top view of machine dimension



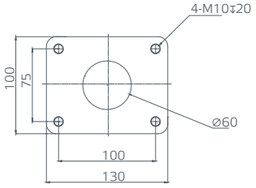

### Robot fixed platen dimension



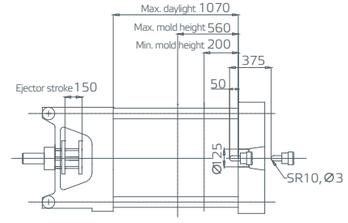

### Moving platen dimension




### Feeding port dimensions




### Clamping unit




Unit:mm

# NEO·T

## Parameters

| Clamping unit | Unit | NEO·T260 | | |
|---|---|---|---|---|
| Clamping force | kN | 2600 | | |
| Clamping stroke | mm | 550 | | |
| Space between tie bars | mm | 610×570 | | |
| Max. mold height | mm | 600 | | |
| Min. mold height | mm | 220 | | |
| Ejector stroke | mm | 160 | | |
| Ejector force | kN | 67 | | |
| No. of ejector pins | piece | 13 | | |
| Max. daylight | mm | 1150 | | |
| Min. mold dimension | mm | 427x427 | | |
| Platen dimensions (HxV) | mm | 890x850 | | |
| Injection unit | Unit | *i*1100 | | |
| | | A | B | C |
| Screw diameter | mm | 50 | 55 | 60 |
| Screw L/D ratio | L/D | 22.0 | 20.0 | 18.3 |
| Shot size (theoretical) | cm³ | 522 | 632 | 752 |
| Injection weight (PS) | g | 475 | 571 | 684 |
| Injection pressure | MPa | 235.2 | 194.4 | 163.3 |
| Injection rate into air | g/s | 197 | 238 | 284 |
| Screw speed | rpm | 220 | | |
| Max. injection speed | mm/s | 110 | | |
| Injection stroke | mm | 266 | | |
| Others | Unit | *i*1100 | | |
| Max. pump pressure | MPa | 17.5 | | |
| Pump motor power | kW | 32 | | |
| Heater power | kW | 16.0 | | |
| Hopper capacity | kg | 50 | | |
| Oil tank volume | L | 255 | | |
| Total machine weight | t | 8.4 | | |
| Machine dimension (LxWxH) | m | 5.45x1.63x2.20 | | |

Remarks:
The bearing weight by moving platen is 2/3 of the maximum mold weight.
Theoretical capacity is the calculated volume of injection produced by the cross-sectional area of the screw/plunger and the injection stroke
The injection weight (PS) is the theoretical value derived form the injection volume and the typical melt density of polystyrene
The screw speed is the theoretical maximum screw speed.
Please inform us if you have requirement for engineering material like PVC, PMMA or some special requirement.

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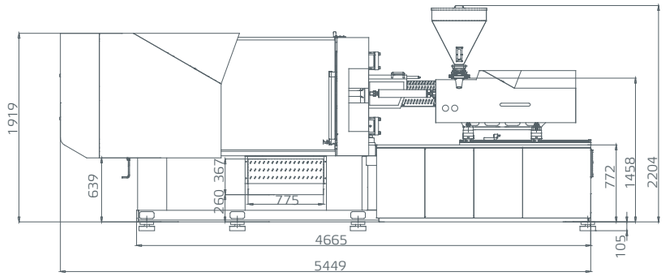
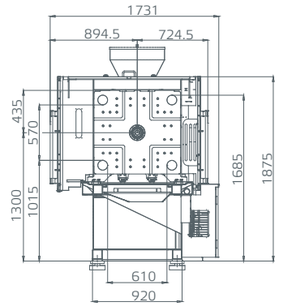
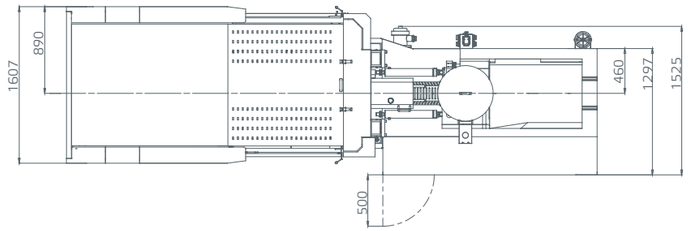
### Front view of machine dimension



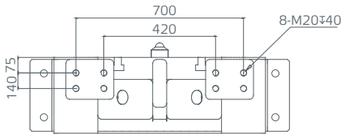

### Robot installation dimension



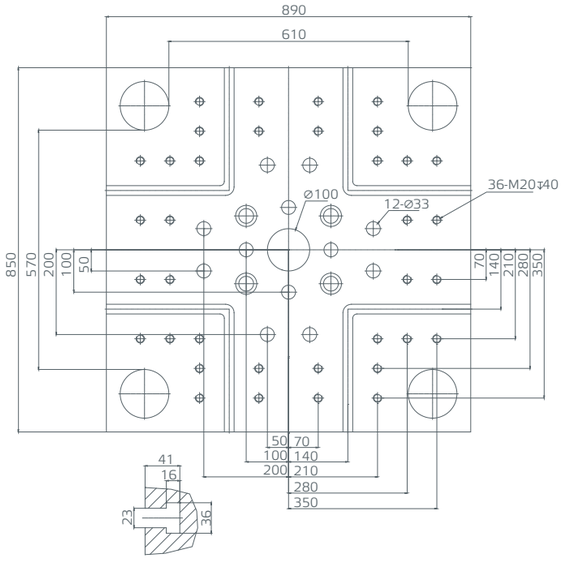

### Top view of machine dimension



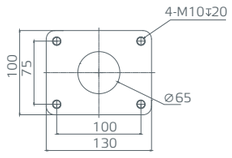

### Robot fixed platen dimension



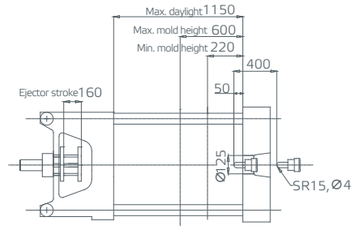

### Moving platen dimension




### Feeding port dimensions




### Clamping unit




Unit:mm

# NEO·T

## Parameters

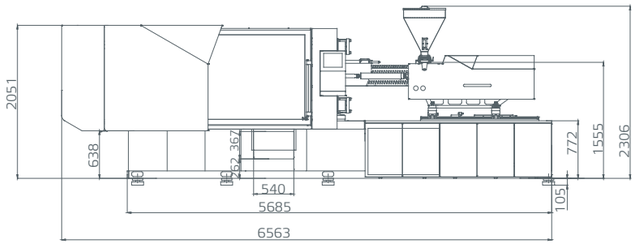
| Clamping unit | Unit | NEO·T320 | | |
|---|---|---|---|---|
| Clamping force | kN | 3200 | | |
| Clamping stroke | mm | 650 | | |
| Space between tie bars | mm | 710×670 | | |
| Max. mold height | mm | 685 | | |
| Min. mold height | mm | 250 | | |
| Ejector stroke | mm | 160 | | |
| Ejector force | kN | 67 | | |
| No. of ejector pins | piece | 13 | | |
| Max. daylight | mm | 1335 | | |
| Min. mold dimension | mm | 497x497 | | |
| Platen dimensions (HxV) | mm | 1035x1005 | | |
| Injection unit | Unit | *i*1900 | | |
| | | A | B | C |
| Screw diameter | mm | 60 | 65 | 70 |
| Screw L/D ratio | L/D | 21.7 | 20.0 | 18.6 |
| Shot size (theoretical) | cm³ | 845 | 992 | 1151 |
| Injection weight (PS) | g | 769 | 903 | 1047 |
| Injection pressure | MPa | 218.8 | 186.4 | 160.7 |
| Injection rate into air | g/s | 299 | 352 | 408 |
| Screw speed | rpm | 210 | | |
| Max. injection speed | mm/s | 117 | | |
| Injection stroke | mm | 299 | | |
| Others | Unit | *i*1900 | | |
| Max. pump pressure | MPa | 17.5 | | |
| Pump motor power | kW | 51 | | |
| Heater power | kW | 25.0 | | |
| Hopper capacity | kg | 50 | | |
| Oil tank volume | L | 445 | | |
| Total machine weight | t | 11.5 | | |
| Machine dimension (LxWxH) | m | 6.56x1.89x2.31 | | |

Remarks:
The bearing weight by moving platen is 2/3 of the maximum mold weight.
Theoretical capacity is the calculated volume of injection produced by the cross-sectional area of the screw/plunger and the injection stroke
The injection weight (PS) is the theoretical value derived form the injection volume and the typical melt density of polystyrene
The screw speed is the theoretical maximum screw speed.
Please inform us if you have requirement for engineering material like PVC, PMMA or some special requirement.

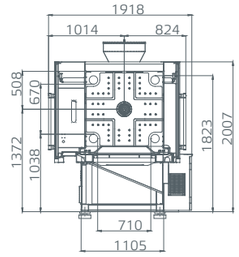
Due to continuous improvements, we reserve the right to modify any aspect of the specification without prior notice.



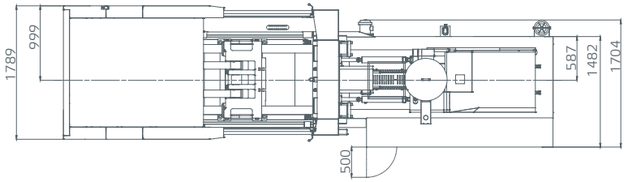
### Front view of machine dimension



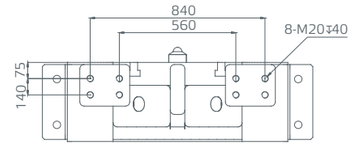

### Robot installation dimension



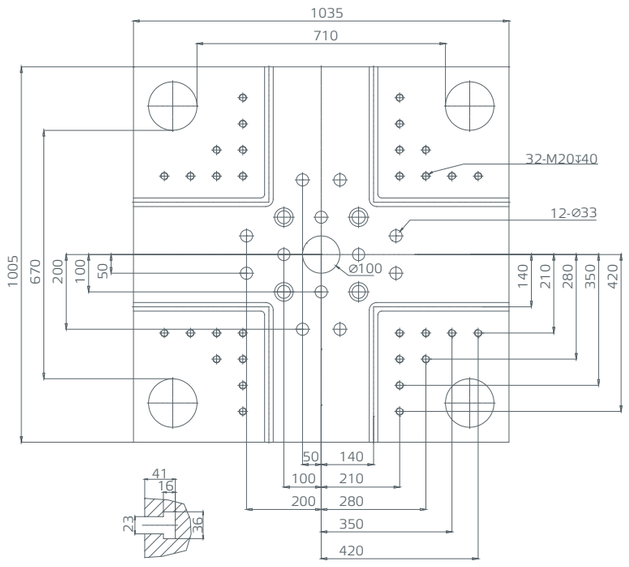

### Top view of machine dimension



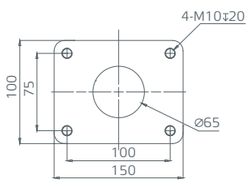

### Robot fixed platen dimension



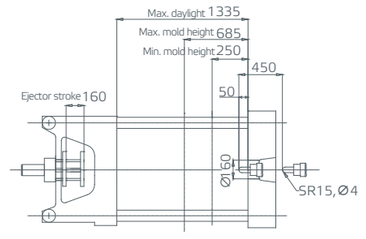

### Moving platen dimension




### Feeding port dimensions




### Clamping unit




Unit:mm

# NEO·T

## Parameters

| Clamping unit | Unit | NEO·T400 | | |
|---|---|---|---|---|
| Clamping force | kN | 4000 | | |
| Clamping stroke | mm | 720 | | |
| Space between tie bars | mm | 760×710 | | |
| Max. mold height | mm | 750 | | |
| Min. mold height | mm | 280 | | |
| Ejector stroke | mm | 200 | | |
| Ejector force | kN | 124 | | |
| No. of ejector pins | piece | 13 | | |
| Max. daylight | mm | 1470 | | |
| Min. mold dimension | mm | 532x532 | | |
| Platen dimensions (HxV) | mm | 1100x1050 | | |
| Injection unit | Unit | *i*2500 | | |
| | | A | B | C |
| Screw diameter | mm | 65 | 70 | 75 |
| Screw L/D ratio | L/D | 23.7 | 22.0 | 20.5 |
| Shot size (theoretical) | cm³ | 1161 | 1347 | 1546 |
| Injection weight (PS) | g | 1057 | 1226 | 1407 |
| Injection pressure | MPa | 215.4 | 185.7 | 161.8 |
| Injection rate into air | g/s | 375 | 434 | 499 |
| Screw speed | rpm | 185 | | |
| Max. injection speed | mm/s | 124 | | |
| Injection stroke | mm | 350 | | |
| Others | Unit | *i*2500 | | |
| Max. pump pressure | MPa | 17.5 | | |
| Pump motor power | kW | 61 | | |
| Heater power | kW | 26.0 | | |
| Hopper capacity | kg | 50 | | |
| Oil tank volume | L | 535 | | |
| Total machine weight | t | 15.5 | | |
| Machine dimension (LxWxH) | m | 7.40x2.11x2.46 | | |

Remarks:
The bearing weight by moving platen is 2/3 of the maximum mold weight.
Theoretical capacity is the calculated volume of injection produced by the cross-sectional area of the screw/plunger and the injection stroke
The injection weight (PS) is the theoretical value derived form the injection volume and the typical melt density of polystyrene
The screw speed is the theoretical maximum screw speed.
Please inform us if you have requirement for engineering material like PVC, PMMA or some special requirement.

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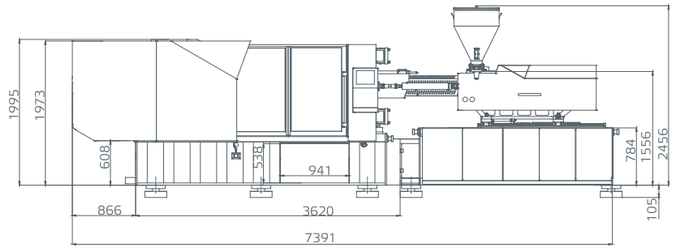
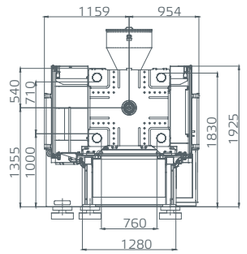
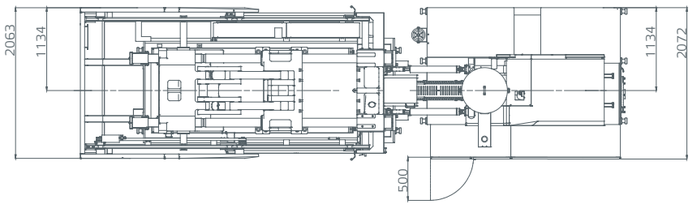
### Front view of machine dimension



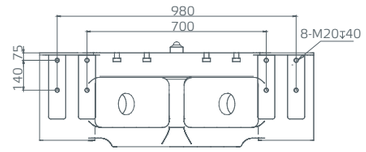

### Robot installation dimension



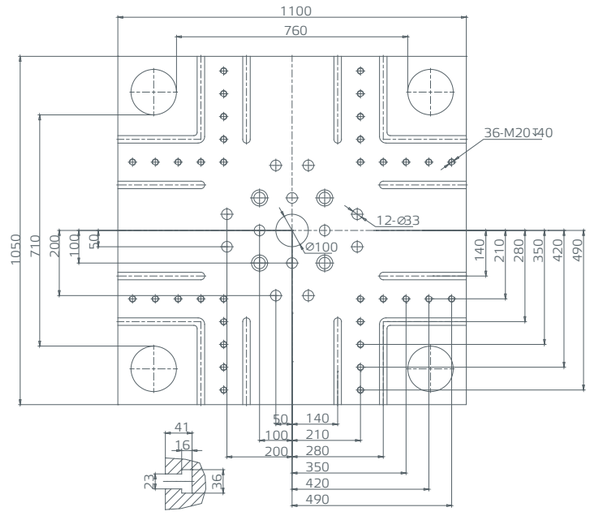

### Top view of machine dimension



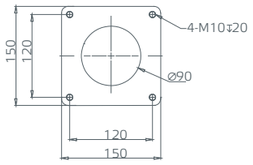

### Robot fixed platen dimension



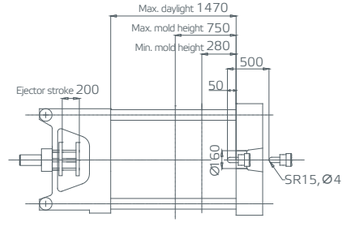

### Moving platen dimension




### Feeding port dimensions




### Clamping unit




Unit:mm

# NEO·T

## Parameters

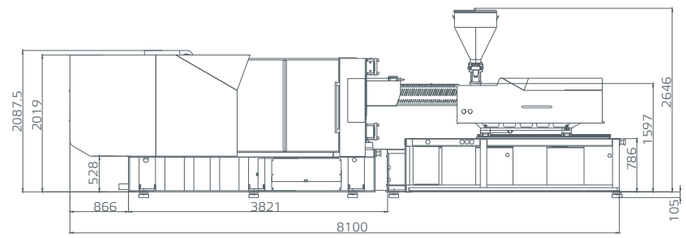
| Clamping unit | Unit | NEO·T500 | | |
|---|---|---|---|---|
| Clamping force | kN | 5000 | | |
| Clamping stroke | mm | 800 | | |
| Space between tie bars | mm | 820×820 | | |
| Max. mold height | mm | 800 | | |
| Min. mold height | mm | 320 | | |
| Ejector stroke | mm | 200 | | |
| Ejector force | kN | 124 | | |
| No. of ejector pins | piece | 17 | | |
| Max. daylight | mm | 1600 | | |
| Min. mold dimension | mm | 574x574 | | |
| Platen dimensions (HxV) | mm | 1205x1205 | | |
| Injection unit | Unit | i3800 | | |
| | | A | B | C |
| Screw diameter | mm | 75 | 80 | 85 |
| Screw L/D ratio | L/D | 23.5 | 22.0 | 20.7 |
| Shot size (theoretical) | cm³ | 1785 | 2031 | 2293 |
| Injection weight (PS) | g | 1624 | 1848 | 2086 |
| Injection pressure | MPa | 205.3 | 180.5 | 159.9 |
| Injection rate into air | g/s | 452 | 514 | 580 |
| Screw speed | rpm | 165 | | |
| Max. injection speed | mm/s | 112 | | |
| Injection stroke | mm | 404 | | |
| Others | Unit | i3800 | | |
| Max. pump pressure | MPa | 17.5 | | |
| Pump motor power | kW | 32+32 | | |
| Heater power | kW | 37.0 | | |
| Hopper capacity | kg | 50 | | |
| Oil tank volume | L | 590 | | |
| Total machine weight | t | 19.8 | | |
| Machine dimension (LxWxH) | m | 8.1x2.17x2.65 | | |

Remarks:
The bearing weight by moving platen is 2/3 of the maximum mold weight.
Theoretical capacity is the calculated volume of injection produced by the cross-sectional area of the screw/plunger and the injection stroke
The injection weight (PS) is the theoretical value derived form the injection volume and the typical melt density of polystyrene
The screw speed is the theoretical maximum screw speed.
Please inform us if you have requirement for engineering material like PVC, PMMA or some special requirement.

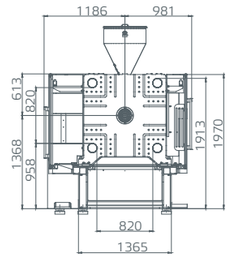
Due to continuous improvements, we reserve the right to modify any aspect of the specification without prior notice.



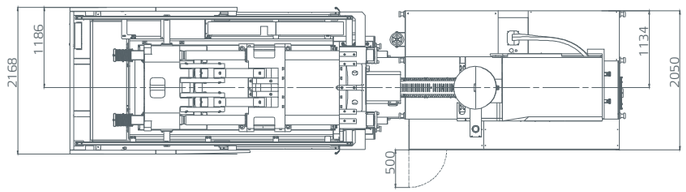
### Front view of machine dimension



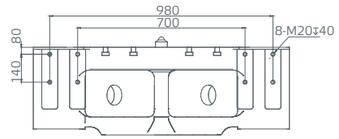

### Robot installation dimension



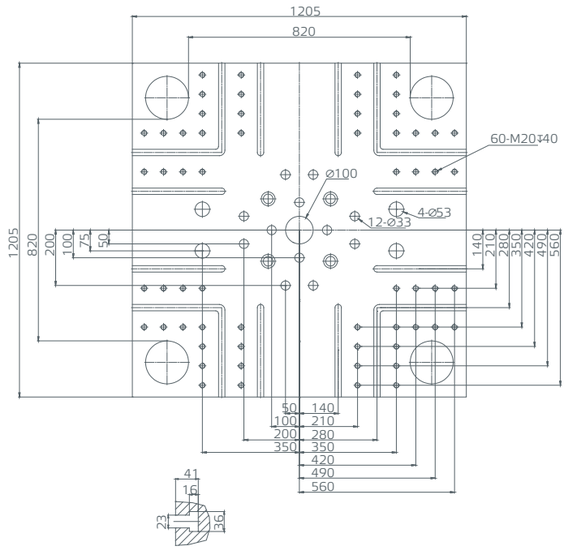

### Top view of machine dimension



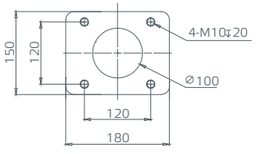

### Robot fixed platen dimension



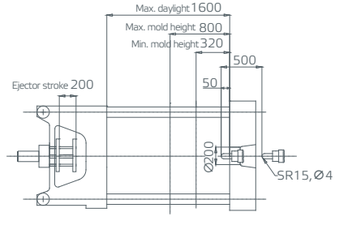

### Moving platen dimension




### Feeding port dimensions




### Clamping unit




Unit:mm

# NEO·T

## Components & functions list

### For clamping

| Function description / Clamping unit | NEO·T90-NEO·T500 |
|---|---|
| High rigidity 5 points-doubt toggle structure | ● |
| Screw platen | ○ |
| T-slot platen+Screw platen | ● |
| Platen Euromap 2 size | ○ |
| Locating ring on moving platen | ● |
| Michanical,electric and hydraulic safety | ● |
| Automatic central lubricating system for toggle, platen shoe and bush | ● |
| Central lubrication system for mould adjust | ● |
| Various eject function | ● |
| Low pressure mold protection | ● |
| One button automatic mold adjustment | ● |
| Self-lock mold adjust motor | ● |
| Compulsory ejector -back function | ● |
| Quick change of central eject pin | ● |
| Transducer on moving platen | ● |
| Adjustable supporting feet for moving platen | ● |
| High rigidity sliding belt for moving platen | ● |
| Euromap 18 robot interface | ● |
| Mechanical position limitation for moving platen | ○ |
| Fast connecting water regulator | ● |
| 2 groups of core pulling valve | ● |
| 2 groups of air blaster valve | ● |
| Glass water regulation | ○ |
| Proportional mold open/close valve | ○ |

### For injection

| Function description/ Injection unit | i380-i3800 |
|---|---|
| Standard nitriding screw and barrel | ● |
| Specialized screw and barrel | ○ |
| Double injection cylinder structer | ● |
| Double carriage cylinder injection unit | ● |
| Double stage linear guid injection structure | ● |
| Carriage transducer | ● |
| Screw ratation speed display | ● |
| Proportional injection valve | ○ |
| Hydraulic plasticizing | ● |
| Proportional back pressure control | ● |
| Cold start protection | ● |
| Material self- cleaning function | ● |
| Temprature monitor for feeding throat | ○ |
| Feeding throad temprature close loop control | ○ |
| Barrel overheating protection | ● |
| Nozzle cover | ● |
| Self-lock valve for carraige | ● |
| Swivel injection unit | ● |
| Manual central lubricating device for carriage | ● |
| Mica heating band | ● |
| Ceramic heating band | ○ |
| Nano infrared heating band | ○ |
| Wheel sliding hopper | ● |
| Stainless hopper | ● |

● Standard ○ Optional



### For electric

| Function description/ Injection unit | i380-i3800 |
|---|---|
| Techmation conroller 12 screen | ● |
| KEBA controller | ○ |
| Real time running monitoring function | ● |
| Production monitoring function | ● |
| Alarm display | ● |
| Time/Position control for the injection to pressure hold | ● |
| Pressure control from injection to pressure hold | ○ |
| I/O monitoring display | ● |
| Tri-color alarm | ● |
| Motor overload protection | ● |
| Emergency stop on front/rear door | ● |
| 380V/16A 5 pin socket *1 | ○ |
| 380V/16A 5 pin socket *2<br>220V/16A 3 pin socket *1 | ● |
| 380V/32A 5 pin socket *2<br>380V/16A 5 pin socket *1<br>220V/16A 3 pin socket *1 | ○ |
| Transformer for servomotor system | ○ |
| Euromap 12 robot interface | ○ |
| Euromap 67 robot interface | ○ |
| Euromap 13 core pulling interface | ○ |
| Double protection for heating | ● |
| Safety relay monitoring | ● |
| SSR heating control | ● |
| Network centralized control system | ○ |
| Instant power consumption display | ○ |
| Instant clamping force display | ○ |

### For hydraulic

| Function description / Clamping unit | NEO·T90-NEO·T500 |
|---|---|
| Fast response servo system | ● |
| Upgrade screw motor | ○ |
| Bi-pass oil filter | ● |
| Hydraulic safety device | ● |
| Carriage self lock valve | ● |
| Self lock motor | ● |
| Mold close control valve | ● |
| Low pressure mold protection function | ● |
| Mold open shock mitigation device | ● |
| Injection pressure relief device | ● |
| Pressure control for Injection to hold on pressure | ○ |
| Programmable injection sequence | ○ |
| Independent oil tank | ● |
| Cooling water valve | ○ |
| Non-welding hydraulic pipe | ● |
| Temprature monitering | ● |
| Oil level alarm | ● |
| Oil self -suction filter | ● |
| Protective link for hoses | ● |
| Proportional injection valve | ○ |
| Injection servo valve | ○ |
| Proportional valve for mould open/ close | ○ |
| 2 groups of core pulling | ● |
| 2 groups pf air balster | ● |

### For other

| Function description / Other | NEO·T90-NEO·T320 | NEO·T400-NEO·T500 |
|---|---|---|
| Standard tederic color | ● | ● |
| Leveling pad | ● | ● |
| Spare parts, regular tools, mold clamper, extended nozzle, operation manual | ● | ● |
| Robot | ○ | ○ |
| Magnetic grate | ○ | ○ |
| Chiller | ○ | ○ |
| Mold temprature controller | ○ | ○ |
| Dehumidifyer | ○ | ○ |
| Auto loader | ○ | ○ |
| Fumigation wood frame | ○ | ○ |
| Hydraulic oil | ○ | ○ |
| Product platform | | ○ |

● Standard ○ Optional