

## Rotary Table Type

### Vertical Injection Molding Machine

Model : VSR3 - 100 - 75 - P

Vertical Injection Molding Machine with a rotary table for lower mold  
Most suitable for automatic insert molding of small precision  
industrial parts by combining with optional robot  
and other ancillary devices.

#### ◆ Injection Unit

- \* Vertical In-line-screw
- \* Programmed Injection Control
- \* Back Pressure Control
- \* Four Zone Barrel Temperature Control
- \* Nozzle Retracting by Cylinder
- \* Screw Suck-back

#### ◆ Clamping Unit

- \* Direct Hydraulic Clamp
- \* Two Mode Rotary Table  
Option (Reciprocating or One Way Rotation)
- \* Accurate Table Indexing By Locating Pin
- \* Smooth Table Rotation Using  
Hydraulic Motor
- \* Open Top Mold During Taking-out and  
Inserting
- \* Programmed Clamp Force Control
- \* Reliable Mechanical Stop Ejector
- \* Stepless Mechanical Safety Rod

#### ◆ Electronic Control Unit

- \* SANTROL 3500 Process Controller
- \* Touch-Panel EL-LCD For  
Programming Conditions
- \* With Monitor/Alarm Function

#### ◆ Hydraulic Unit

- \* Variable Displacement Axial Plunger  
Pump For Power Saving
- \* Maintenance Easy Hydraulic System
- \* Large Capacity Oil Reservoir  
And Oil Cooler
- \* Oil Cleaning System Eliminating  
Through Life Oil-Exchange

#### ◆ Ancillary Equipment (Option)

- \* Hopper Drier Or Hopper With Heater
- \* Nozzle Pressure Monitor
- \* Mold Temperature Controller
- \* Runner Take-out, Chute and Conveyor
- \* Automation System For Insert Molding
- \* Special Injection Barrel Unit



**SANJO SEIKICO.,LTD.**

INJECTION MACHINES, MOLD & RELATED EQUIPMENTS

TEL 048-259-2790

http // www.sanjo.co.jp

E-mail ts\_eigy@sanjo.co.jp

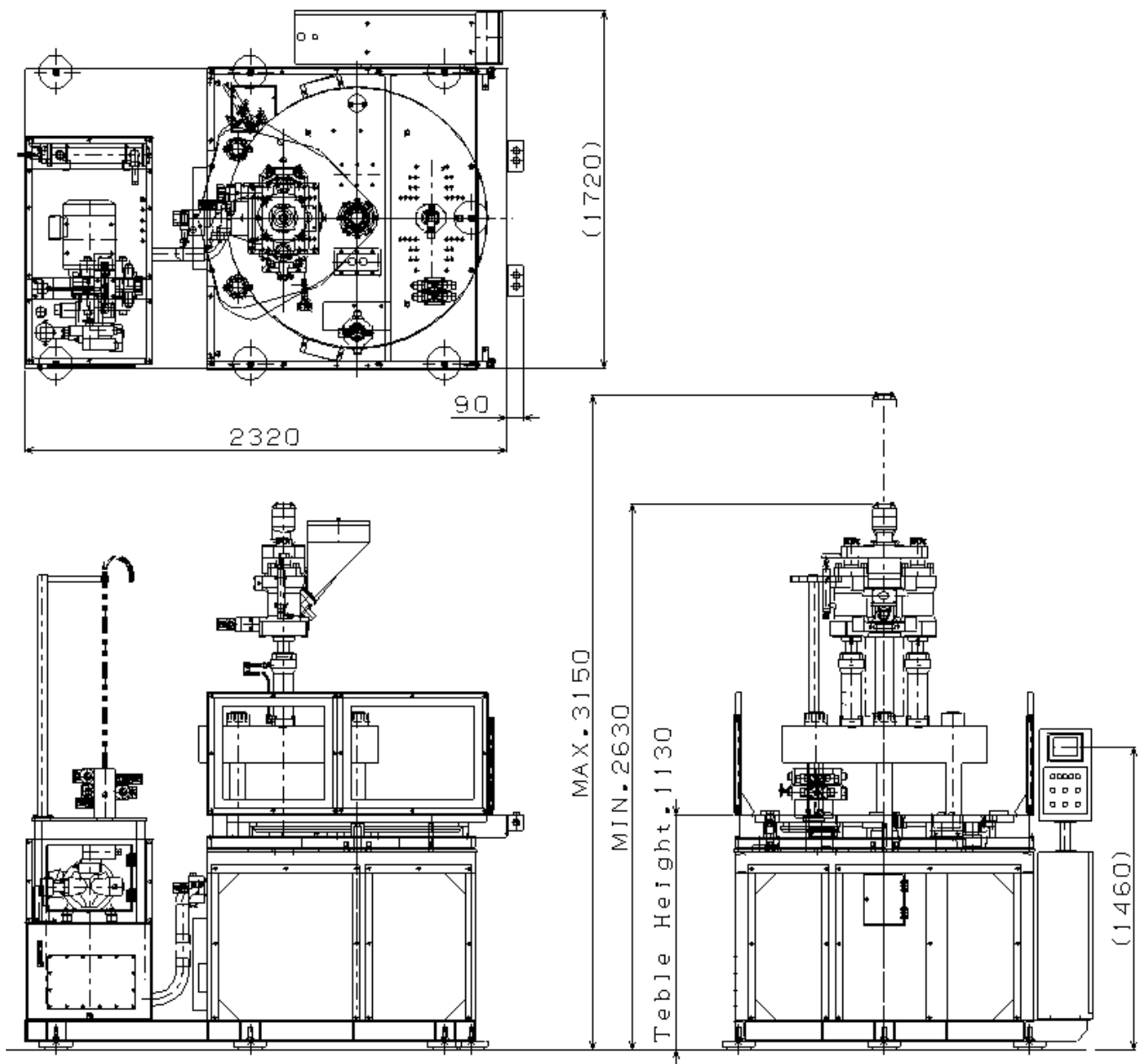
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### Specifications

Screw Diameter	mm	32	36	40	Clamping Force	kN	831
Injection Capacity	cm <sup>3</sup>	60	80	100	Heater Capacity	kW	Approx. 5.0
Injection Pressure	MPa	220	175	142	Electric Capacity	kW	5.5
Injection rete	cm <sup>3</sup> /sec	36	45	56	Machine Weight	t	Approx. 4.5
Plasticizing capacity	Kg/h	22	24	29			



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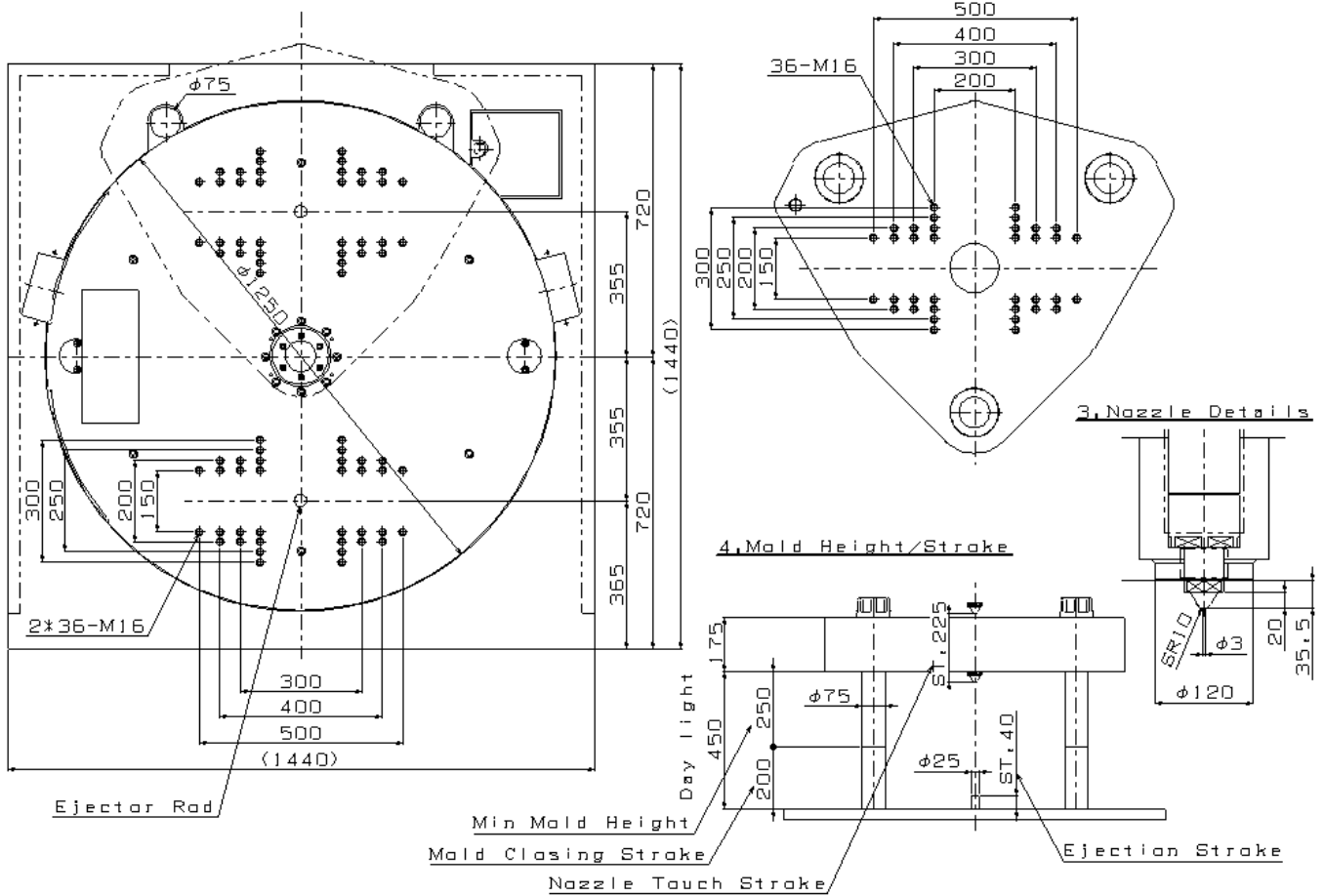
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### ◆ Platen (Option)

- \* Ejector Pin Layout And Size
- \* Upper Ejector

1. Rotary Table

2. Moving Upper Platen



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