

**V-LINE<sup>®</sup> Vertical Rotary Type Molding Machine****TR150VRE**

*Realizes High Yields of Insert Molding  
V-LINE<sup>®</sup> and locking direct pressure method.  
The rotary table which accurately stops in position  
expands the prospects of automation.*

**Stable molding by V-LINE<sup>®</sup>**

The V-LINE<sup>®</sup> consists of a plasticization and injection unit which enables stable measurement and injection, realized by eliminating the destabilizing factors during the plasticization measurement and injection, by separating the plasticization and injection. Sodick's original control technology enables plasticization and injection control at optimal timing.

**Locking Direct-pressure  
Mold Clamping**

The well-balanced arrangement of the three hydraulic cylinders for mold opening and closing with the movable platen connected to tie-bars realizes excellent straightness, and the locking direct pressure generates a high mold clamping force with uniform repeatability.

The electric servo driven rotary table realizes excellent stop position accuracy and high speed.

**Space-saving and Improved  
Workability**

The height of the table was made lower than the conventional machine in order to improve the workability.

The V-LINE<sup>®</sup> with a shorter mechanism even made the overall height of the machine lower which realized space savings.

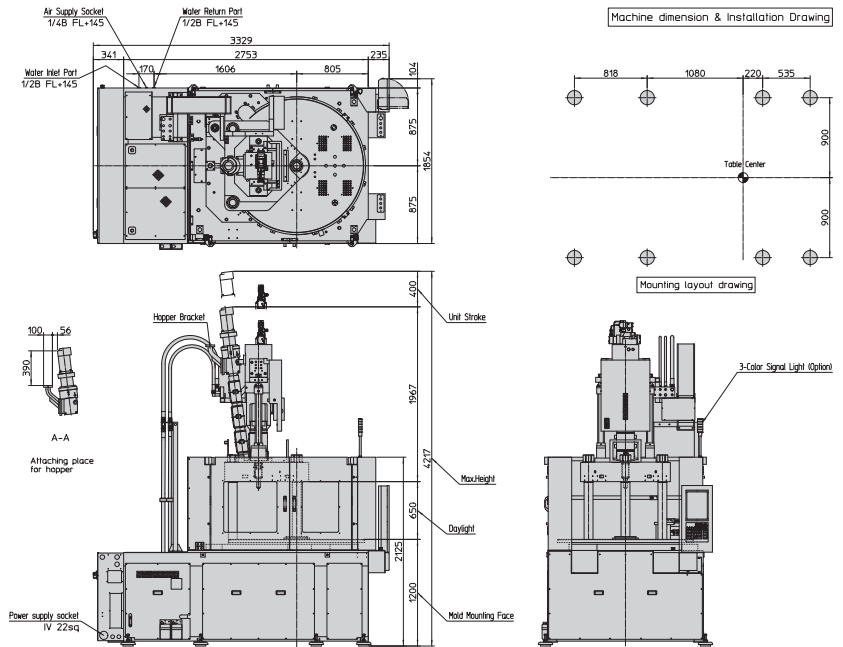


# TR150VRE

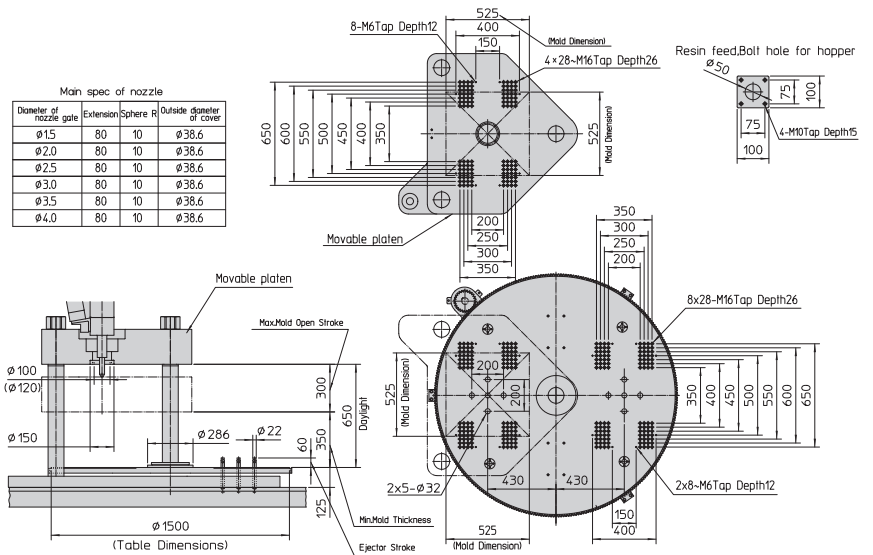
## Spec.

Clamping Unit			
Max. clamping force	kN	1470 (150tonf)	
Max. mold size	mm	525 x 525	
Open daylight	mm	650	
Min. mold thickness	mm	350	
Ejector stroke	mm	60	
Plasticization & injection unit			
Screw diameter	mm	40	50
Plunger diameter	mm	40	50
Max. injection pressure	MPa	219.5	219.5
Theoretical injection volume	cm <sup>3</sup>	251.2	392
Max. injection speed	mm/s	300	
Plasticization capacity	kg/h	85	100
Machine dimensions / Weight			
Machine dimensions (L x W x H)	mm	3329	3329
		x 1854	x 1854
		x 3879	x 4217
Machine weight	kg	9400	10300

## Machine Dimensions & Installation Drawing



## Mold Installation Dimensions Drawing



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● The contents of this catalog is current as of May, 2016.