

V-LINE® Injection Molding Machine for  
Medium Sized High-Value Added Products

# TR220EH3

*Precise and stable molding by the V-LINE® and  
direct pressure mold clamping further increased the  
high-value added to medium and large-sized molded products*

## V-LINE® Electric Hybrid

The features of the medium sized electric hybrid machine are the integrated V-LINE® and direct pressure mold clamping developed in-house, which realizes high precision and stable molding with accurate and high repeatability.

## Wide Platens

Adopted wide platens where the internal area of the tie bars is 30% more than a conventional machine. The widened space between the tie bars where the mold is inserted supports a larger size of the molding.

## Space-saving & Energy-saving Design

The V-LINE® and direct pressure mold clamping allows the setting of the width and length of the molding machine to a smaller size, which greatly reduces the space occupied by the molding machine. The highly efficient servo pump also improves the energy-saving performance.



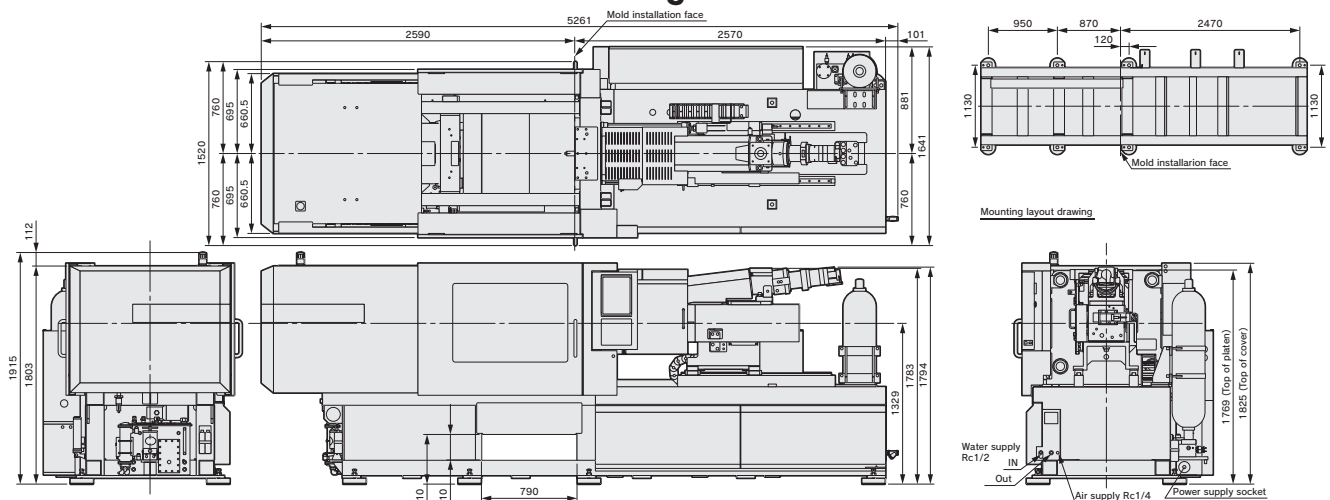
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## Spec.

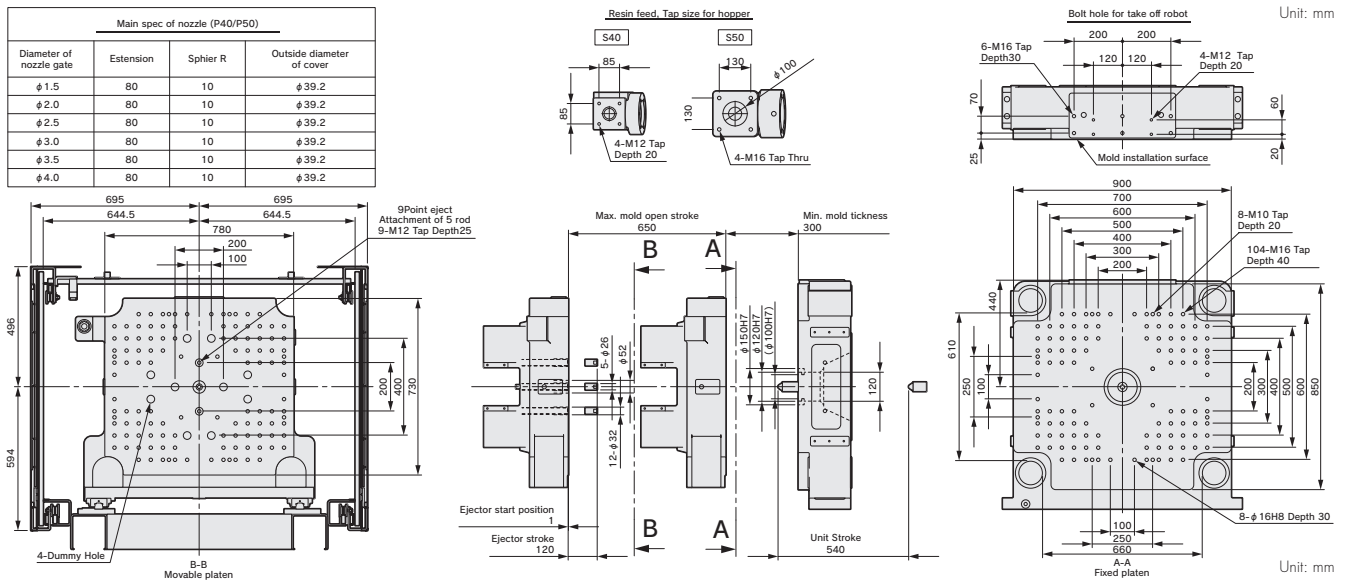
Clamping Unit		
Max. clamping force	kN	2156
Tie bar distance	mm	660 × 610
Open daylight (Min. mold thickness + Max. stroke)	mm	950
Min./Max. mold thickness	mm	300 / 650
Ejector stroke l	mm	120

Plasticization & injection unit		
Screw diameter	mm	50
Plunger diameter	mm	50
Max. injection pressure	MPa	219.5
Theoretical injection volume	cm <sup>3</sup>	392
Injection rate	cm <sup>3</sup> /s	589
Max. injection speed	mm/s	300
Machine dimensions / Weight		
Machine dimensions (L x W x H)	mm	5261 x 1641 x 1915
Machine weight	kg	8000

## Machine Dimensions & Installation Drawing



## Mold Installation Dimensions Drawing



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