

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.



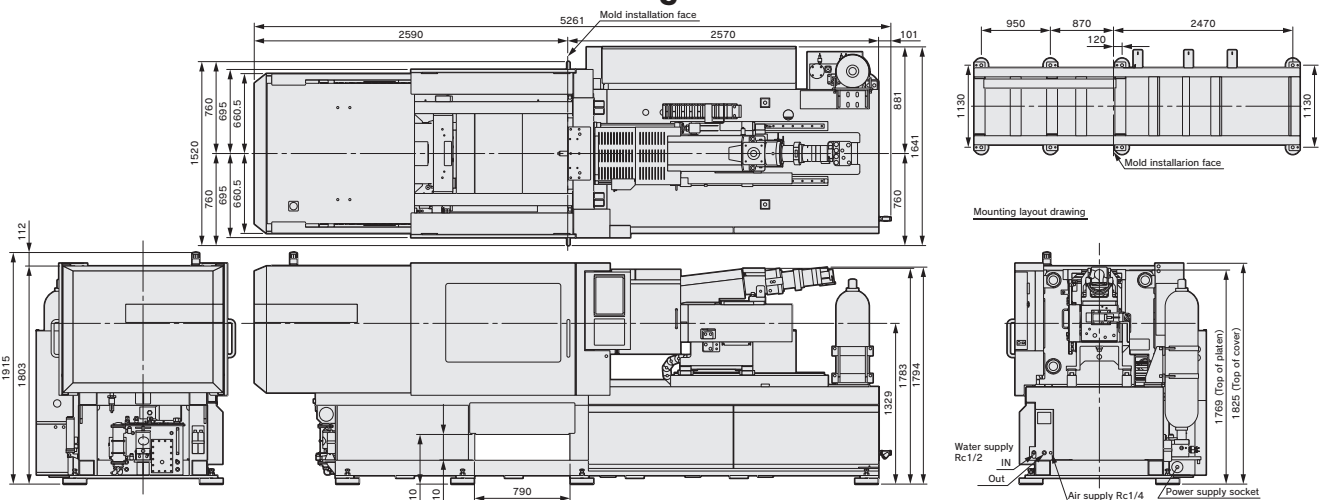
TR220EH3

Spec.

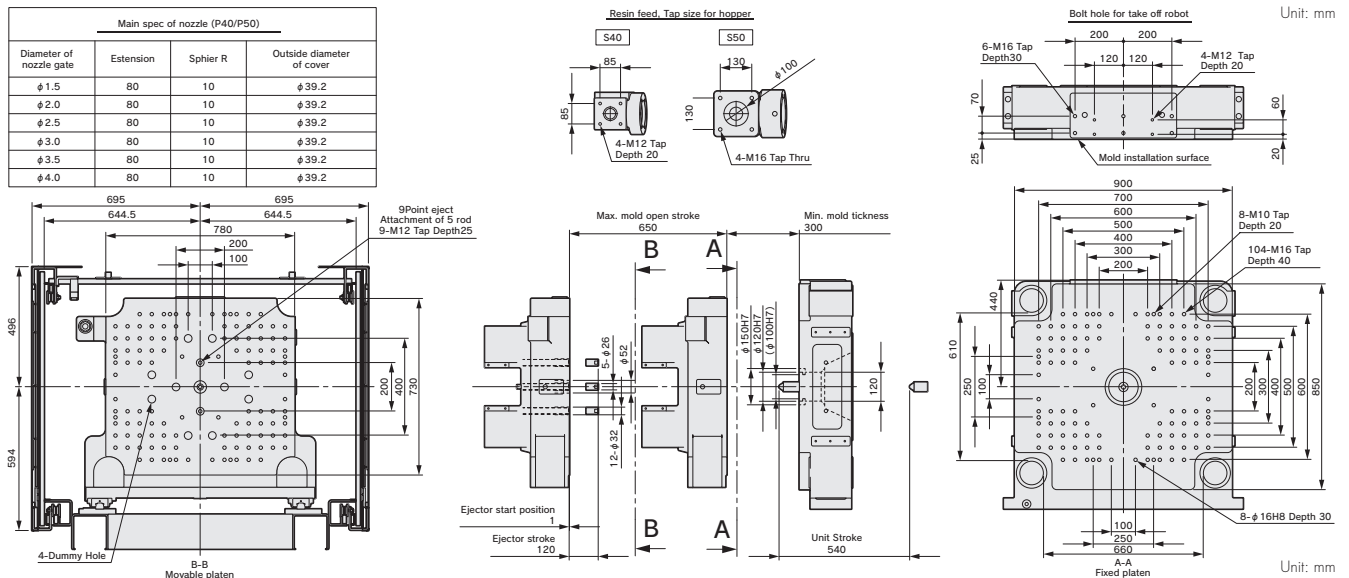
Clamping Unit		
Max. clamping force	kN	2156
Tie bar distance	mm	660 × 610
Open daylight (Min. mold thickness + Max. stroke)	mm	950
Min./Max. mold thickness	mm	300 / 650
Ejector stroke l	mm	120

Plasticization & injection unit		
Screw diameter	mm	50
Plunger diameter	mm	50
Max. injection pressure	MPa	219.5
Theoretical injection volume	cm ³	392
Injection rate	cm ³ /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



Sodick Co., Ltd.

3-12-1, Nakamachidai, Tsuzuki-ku, Yokohama, Kanagawa
224-8522 Japan
TEL: 81-45-942-3111 FAX: 81-45-943-7880

<http://www.sodick.jp>

- The export of Sodick's products and its related technologies (including software applications) is regulated under Japan's Foreign Exchange and Foreign Trade Control Law. In addition, because some of these products may be subject to re-export controls under the Export Administration Regulations (EAR) of the United States; please contact Sodick before offering or exporting these products overseas.
- This catalogue contains a photographic image that has been generated from 3DCG.
- Due to ongoing research, specifications are subject to change without prior notice.
- The contents of this catalog is current as of February, 2016.