

## Company

会社概要

## Product

製品紹介

- Machine Tools
- Plastic Injection

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## Product 製品紹介



### Plastic Injection

NIIGATA MACHINE TECHNO

[plastic injection TOP](#)

- Table rotation performance which realizes the high cycle molding (MDVR)
- Low-speed and low-pressure molding is also simply realized
- Smooth and shockless type switching action
- The improvement in the operability by low table height, three-way free space

### ● Steady independent control / slide table injection molding machine

#### MDV/MDV-ST



It is usably an optimum machine for the hoop molding, that the table height equal to the hydraulic molding machine was realized by having adopted the revolte toggle (PAT.P) of compact and high magnification.

| Items                      | Unit | MDV30S-IV          |     |     | MDV30STS-IV        |     |     | MDV50S-IV          |       |     |     | MDV50STS-IV        |       |     |     |
|----------------------------|------|--------------------|-----|-----|--------------------|-----|-----|--------------------|-------|-----|-----|--------------------|-------|-----|-----|
| Injection Capacity         | T.m  | i 0.7              |     |     | i 0.7              |     |     | i 0.7              | i 0.9 |     |     | i 0.7              | i 0.9 |     |     |
| Screw Diameter (Option)    | mm   | 18 <sup>(op)</sup> | 22  | 25  | 18 <sup>(op)</sup> | 22  | 25  | 18 <sup>(op)</sup> | 22    | 25  | 30  | 18 <sup>(op)</sup> | 22    | 25  | 30  |
| Shot Mass(PS)              | g    | 20                 | 30  | 38  | 20                 | 30  | 38  | 20                 | 30    | 38  | 55  | 20                 | 30    | 38  | 55  |
| Max. Injection Pressure    | MPa  | 280                | 200 | 155 | 280                | 200 | 155 | 280                | 250   | 215 | 150 | 280                | 250   | 215 | 150 |
| Max. Holding Pressure      | MPa  | 270                | 180 | 140 | 270                | 180 | 140 | 270                | 230   | 195 | 135 | 270                | 230   | 195 | 135 |
| Max. Injection Speed       | mm/s | 150                |     |     | 150                |     |     | 150                |       |     |     | 150                |       |     |     |
| Plasticizing Capacity (PS) | kg/h | 6                  | 12  | 18  | 6                  | 12  | 18  | 6                  | 12    | 18  | 29  | 6                  | 12    | 18  | 29  |
| Clamping Force             | kN   | 300                |     |     | 300                |     |     | 500                |       |     |     | 500                |       |     |     |
| Tie-bar Distance(H x V)    | mm   | 310 x 310          |     |     | 310 x 310          |     |     | 360 x 360          |       |     |     | 360 x 360          |       |     |     |
| Mold Opening Stroke        | mm   | 230                |     |     | 230                |     |     | 250                |       |     |     | 250                |       |     |     |
| Mold Height (min./max.)    | mm   | 170 / 270          |     |     | 170 / 270          |     |     | 200 / 300          |       |     |     | 200 / 300          |       |     |     |
| Slide Table Size(H x V)    | mm   | ===                |     |     | 290 x 460          |     |     | ===                |       |     |     | 340 x 500          |       |     |     |
| Table Stroke               | mm   | ===                |     |     | 540                |     |     | ===                |       |     |     | 560                |       |     |     |

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