

Company  
 会社概要

 Product  
 製品紹介

- Machine Tools
- Plastic Injection

 Sales  
 営業拠点

 Contact  
 お問い合わせ

## Product 製品紹介

## Plastic Injection

NIIGATA MACHINE TECHNO

[plastic injection TOP](#)

## MDTPS - IV



Surrounding of nozzle

This advanced molding machine, exclusively designed for BMC compound, makes energy-saving and cycle reduction compatible.



●MDT350PS-IV

- Power consumption is 1/3-1/4 of hydraulic type molding machine (our comparison ratio).
- Cycle is reduced by high-speed and simultaneous operation.
- First BMC molding machine conforming to ISO14000
- Scratch, pinhole and burning are all reduced because of inner mold gas-exhaust effect using a unique low-pressure clamping holding mechanism. (op.)  
\* Strength is increased by improving glass orientation.
- High-precision position/pressure control  
Burr are reduced from molded products because the measurement accuracy has been improved by using injection position feedback control (0.01 mm) and precision control of resin pressure feedback (0.1 MPa); the back-pressure accuracy has been improved; and the filling process and holding pressure control have been stabilized.

Items	Unit	MDT350PS-IV		MDT450PS-IV	
		A	B	A	B
Injection Capacity	T · m	i 32		i 32	
Screw Type		A	B	A	B
Screw Diameter	mm	68	76	68	76
Shot Mass(PS)	g	2352	2937	2352	2937
Max. Injection Pressure	MPa	200	200	200	200
Max. Holding Pressure	MPa	200	180	200	180
Max. Injection Speed	mm/s	167		167	
Clamping Force	kN	3500		4415	
Tie-bar Distance(H x V)	mm	730 x 730		810 x 810	
Mold Opening Stroke	mm	650		800	
Mold Height (min./max.)	mm	320 / 670		380 / 750	

FORMING A NEW WORLD  
 High-Performance & Technology For Your Future  
 Our "Technology", "Creativity", "Forward-Push"  
 creates never-ending New-Value

