

# MSZ50

## INJECTION

## BLOW MOLDING MACHINE

# VICTOR SINCE 1958

  
**MACHINERY**

Standard



High-speed



Customised/ML

### Main Technical Parameters

#### Technical Features

1. Special designed dual-cylinder clamping unit mold open and close fast, idle cycle time fast, efficiency high.
2. Servo hydraulic system precision control energy saving 25% more than vane pump drive.
3. Horizontal injection design plasticating reliable and operation easy.
4. Single crossbeam style clamping system easy for mould amounting.
5. Generality high same mould fitting as MSZ45 and MSZ40.

#### Optional

1. Electric preplastication can be synchronization in plasticising
2. Pneumatic stripping plate safe and clean.
3. Linear guide beam small resistance high precision.
4. Servo stripping system saving more energy and oil-free condition.
5. Servo rotation device improve rotary positioning accuracy.

#### Mould Cavitation

No. of Cavities	2	4	6	7	8	9	10	12	13
Neck Diameter (mm)	45	40	35	35	30	25	25	20	10
Body Diameter (mm)	80	60	50	45	40	35	30	25	20
Max. Height (mm)	220	180	140	100	80	70	60	50	40
Max. Volume (ml)	1000	400	200	100	60	40	30	20	15

\* Only for reference based on bottle shape.

Injection system	MSZ50	
Screw diameter (mm)	45	50
Screw (L/D)	23:1	23:1
Shot volume (cm <sup>3</sup> )	318	392
Injection weight (HDPE) (g)	301	372
max.Screw speed (rpm)	10-235	
Heating capacity (KW)	10	
<b>Clamping system</b>		
Clamping force of injection (KN)	500	
Clamping force of blowing (KN)	89	
Max.Platen size (LxW) (mm)	560x390	
Min.Mold thickness (H) (mm)	240	
Heating capacity of mould (KW)	3.6	
<b>Stripping system</b>		
Stripping stroke (mm)	270	
Dry cycle (sec)	3.5	
<b>Driving system</b>		
Motor power (KW)	22	
Hydraulic pressure (Mpa)	22	
<b>Product range</b>		
Suitable bottle range (ml)	5-800	
Max.Bottle height (mm)	≤200	
Max.Dia of bottle (mm)	≤100	
<b>Others</b>		
Min.Air pressure (Mpa)	1	
Discharge rate of compressed air (m <sup>3</sup> /min)	≥0.7	
Water flowage (m <sup>3</sup> /h)	4	
Total rated power with mold heating	35.6	
Dimension (LxWxH)(m)	4.11x1.44x2.5	
Net weight (Ton)	5.7	

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