

**MAQUINAS ARGENTINAS DEL VIDRIO S.A.**

**MACHINERY FOR THE HOLLOW GLASS INDUSTRY**

**MADE IN ARGENTINA**

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**MAVSA**



**Feeder 144-D**



**IS 3 SECTIONS  
for B&B and P&B  
(FOR 3 METERS METAL LINE)**

*IS3 Sections Machine  
Mold Side View*

## IS3 LINE FEATURES:

### 144-D Feeder :

- Standard Spout Casing
- Ø 5" Spout Orifice
- Gear Box Ratio 20:1 with 48° Differential
- Shear & Plunger Latch, Standard Shear Box
- Bevel Gear Driven Ø 6" Revolving Tube Mechanism, Delta Spray System
- Mechanical Spring
- Power Failure Shear Arm Retractable System
- Tube & Plunger Hoist
- Lincoln Lubrication Injectors and Pump.

### Lenze Electronic Drive & PLC System:

- Electronic Timing
- 9300 Lenze Frequency Inverters with Synchronization for Feeder, Pushers & Ware Transfer T178 Motors.
- Frequency Inverters for Conveyor, Cross Conveyor and Stacker.
- Touch Screen Lenze PLC with Visiwin software.

### Variable Equipment:

- Funnel Arm
- Baffle Arm
- Neck Ring Arm
- Blow Arm
- Mold Holder
- Take Out Arm Gear Driven
- Quick Change Take Out Tong Head Light Weight
- Cooling Nozzles
- Quick Change Vacuum Valves

### Machine Conveyor:

- 90° Pushers Mechanism
- Silent Chain Pennine (UK)
- Emergency Stop Button
- Insulator Tunnel

### Stacker Type MA-P300:

- Cam Profile for Bottles
- Asynchronous Sew Eurodrive Motor with forced air fan.
- Inductive Sensor for Cycle operation

### Cross Conveyor:

- Dead Plates
- Silent Chain Pennine (UK)
- Emergency Stop Button



Lenze Electronic Timing & Drive



Hydraulic Constant Cushion Regulation



Hydraulic Constant Cushion Pump Unit

### IS3 Machine:

#### Base & Frame:

- Steel made
- Air Reservoir tanks built in columns

#### Delivery:

- Scoops Mechanism & Supports
- Scoop, Trough & Deflector
- Trough & Deflector Supports with adjusting device.
- Electro-Pneumatic Valve Block with 21 valves
- Electropneumatic Valve Block
- Valve Block Cover

#### Section Frame Mechanisms:

- Blank and Blow Mold Open & Close Mechanism in oil
- Blank Mold Supporting Mechanism with stiffener bracket
- SG Quick Change Plunger Mechanism without sensors
- SG Quick Change Cartridge (Blow & Blow)
- Funnel Mechanism spring return operated
- Baffle Mechanism
- Neck-ring Mechanism for use without quick change arms
- Invert Mechanism Constant Cushion
- Blow Mold Supporting Mechanism
- Blow Mold Cooling Mechanism
- Blow Head Mechanism long stroke, Quick Exchange
- Take Out Mechanism CC with oil supply from top Bearing for take-out stiffener
- SG Plunger Positioner (Press & Blow)
- Bottom Mechanism with Vacuum

#### Frame and Mounting Parts:

- Frame
- Mounting parts for Funnel mechanism
- Quick Change Mounting parts for Funnel arm
- Mounting part for Baffle mechanism
- Guide ring, plunger foot and height adjustment
- Mounting parts for Invert mechanism
- Mounting parts for Take Out mechanism
- Frame locking block blowside

#### Section Frame piping SG/DG:

- Section frame piping
- Modular Lubrication System

#### Additional Frame Parts:

- Remote control for CC Take Out and Vertiflow Mechanism
- Remote control for Funnel Mechanism
- Remote control for Baffle Mechanism

#### Lincoln Lubrication:

- Lincoln Lubrication Controller
- Lincoln Lubrication Pump and Injectors.

#### Hydraulic Constant Cushion Pump Unit



IS3 Sections Machine Blank Side View



Lincoln Lubrication Controller



Stand Alone 178 Ware Transfer