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3-Cavity Semi-Automatic Pet Blow Moulding Machine Specification

Power	12 KW for Infra-Red Heater 3 Phase	6 no
	High Pressure compressor 20hp 60 CFM / 26 Kg/cm ²	1 no
	Low Pressure compressor 15hp 40 CFM / 8 Kg/cm ²	1 no
	2 TR Water Chiller 8°C / 15°C	1 no
	Refrigerated Air Drier for H.P. & L.P. Compressor	2 no
	OR	
	You can take 102 CFM duplex compressor of 40 HP.	1 no
	No Low Pressure compressor required	
Total Power	50 KW CONNECTED LOAD (actual consumption 60 % appx)	
Production	PET Bottle 28mm neck maximum 1000 ML, 1800 BPH APPX.	
Price	Rs.7.50.000.00 EX WORKS ONE MACHINE	
Size	L X W X H: 8.5 x 10 x 7.5 feet appx	
Weight	1500 Kg appx	
Operator	One person required to run machine	
Pneumatic	SMC	
Mould Locking	Hydro Pneumatic Cylinder	
Blowing Valve	Dif ram Type	
Mould	Two Piece Mould Three Cavity	



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This machine is entirely pneumatic

Mould will be locked through Hydro Pneumatic Cylinder

Entire machine pneumatic parts are of SMC only

The blowing High Pressure and Low Pressure valve are Lucifer Parker or similar difram type makes so for longer production there will be no jam

The Lubrication system given inside machine for Ty-bars where gunmetal buses used

The microprocessor is simpler normally used in semi gives production cycle time also give us error report for which reason machine get stop.

Extra Filter given for HP and LP line to continuous supply of clean and dry air

PREFORM WILL BE FEED IN THE MACHINE manually IT WILL GO IN HEATING SECTION COMES OUT GOES IN BOWING SECTION AND BOTTLE EJECT FROM THE MACHINE AUTOMATICALLY ON the floor.

1 % rejection ratio (depends on Preform quality)

Complete door get powder coated.

Different Port given for High Pressure Line, Low Pressure Line, Water Line.

Inside TWO Air Tank given for HP and LP for continuous supply of air

Anti Vibration pad given

Heater can be adjusted physically

Preform will get rotate inside heating zone and its neck get protected through Special aluminum made chilling line pipe.