



**GLOBAL PET
INDUSTRIES LIMITED**

Manual Stretch Blow Moulding Machine



AUTOMATIC EJECTION MAX SERIES 1LITRE & 2 LITRE

Product Volume : 200ml to 1000ml

Neck Diameter : 25mm to 28mm

Production Output : 1000 – 1200 bottles Per Hour
up to 1litre (With Auto drop)

Production Output For 1500ml to 2000 ML : 700
to 800 Bottles Per Hour (Without Auto Drop)



Machine Model Number : GPSB 1000 MAX SERIES BPM

Production Range:

- 1) 200ml to 500ml – 1200 to 1400 BPH
- 2) 600ml to 1000ml – 1000 to 1200 BPH

Segments:

- > Packaged Drinking Water
- > Edible Oil
- > Phenyl
- > Other Applications

Preform Neck

- > 28mm Alaska
- > 28 mm Pco 1881
- > 28mm Pco 1810

* PLC Base Touch Screen Type Controller Model Ultra CPU 09.

* Mould Clamping Cylinder 6 Ton 200 Stroke

(Both Clamping Platen Plate Equal Moving with Rack Block Attachment)

Manual PET Stretch Blow Moulding Machine For Bottles & Jar 200ml to 10Ltr

Technical Features

- **GP Series Machine** : Two Stage Biaxial type Stretch Blow Moulding Machine with simple & Unique designs
- **Microprocessor Controller** : Philips 16 Bit Microprocessor with integrated 40 x 4 LCD Control Panel & Model 2214 Microprocessor includes more than 40 program recipes including moulding parameters like timers & heater temperature, etc. Also having the feature of Test Mode/ Hand Mode for easy maintenance of the machine
- **Hydro-Pneumatic mould clamping system** - Direct Ram type Hydro-Pneumatic Mould Clamping unit ensures less than hair parting line in the bottles.
- **System & Blowing Valves** : High Efficiency Pneumatic Valves are used to reduce air consumption & cycle time.
- **Revolving Infra-Red Preform Heating System** : Ensures uniform heating of Thick wall Preforms.
- **Cooling System** : In Built cooling system for cooling of preform neck & Mould to avoid Neck deformation & Filling Volume Shrinkage.

- **Product Volume & Neck Diameter Range** - 30ML to 8000ML & 25MM to 120MM respectively depending on the machine models.

- **Production Output** - 700-800 Bottles per Hour 300-450 Jars per Hour Also depending on the machine models.



We provide complete blow moulding solutions for
PET & PP Bottles & Jars for volume 30ml to 20ltr



Manual Single & Double Cavity PP & PET Stretch Blow Moulding Machine For Bottle & JAR

Product Volume From : 200ml to 8000ml

Neck Diameter Range : 28mm to 120mm

Manual 20Ltr Bubble Top Blow Moulding Machine



Product Volume From : 5Ltr to 20 Litre
Neck Diameter Range : 46mm to 120mm

Production Output :

5Ltr to 10Ltr : 300 – 350 Jars Per Hour


20 Litre : 100 – 120 Jars Per Hour.


Segment	TECHNICAL DETAILS		Machine Model		GPSB/1000 BO MAX	GPSB/1000 MAX BPM (Auto Drop)	GPSB/1000 BO MAX (2B + 1C)	GPSB/2000 BO MAX	GPSB/2000 BO MAX (2B + 1C)	GPSB/2000 BO	GPSB/2000 BJ	GPSB/5L 46 BJ	GPSB/5L 120 BJ (Upto 8 kg)	GPSB/20L 120	GPSB/2000 BJ (PP & PET) 4 (Fridge Bottle only)	GPSB/2000 BJ (PP & PET) 4	GPSB/5L 120 BJ (PP & PET) 4 Module	
	Units	Commercial	Commercial	Commercial	Commercial	Commercial	Commercial	Commercial	Commercial	Commercial	Household	Commercial	Household	Commercial	Household	Household	Household	
MOULDING	Number of Cavities	2	2	2x2	2	2x2	2	2x2	2	2x2	2	1	2	1	2	2	2	
	Cavity Pitch	mm	150	150	150	150	150	150	150	150	150	150	150	250	150	150	150	
	Mould Thickness	mm	140	140	140	140	140	150	150	150	150	160	160	350	150	150	160	
	Clamping Stroke	mm	150	150	150	150	160	160	160	160	160	180	180	360	160	160	180	
	Clamping Force	TON	200	200	200	200	200	200	200	200	200	250	250	350	200	200	250	
	Stretching Stroke	mm	6	6	6	6	8	8	8	8	8	10	10	30	10	10	15	
	Number of Preform Holder	Nos.	400	400	400	400	400	400	400	400	400	400	400	550	400	400	400	
	Max Outer Neck Diameter	mm	50	50	54	54	54	50	50	54	54	42	42	26	52	56	44	
	Max Outer Product Diameter	mm	25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30	28-46	28-120	46-120	28-60	28-100	28-120	
	Min Volume	Ltr.	75	75	75	75	90	90	90	90	90	190	190	300	190	190	190	190
Max Volume	Ltr.	30	30	30	30	200	200	200	200	200	100	200	5	200	200	200	5000	
Max Height	mm	1000	1000	1000	1000	2000	2000	2000	2000	2000	3000	5000	20	3000	3000	3000	5000	
OUTPUT	Theoretical Production	B / Hr.	300	300	300	300	330	330	330	330	330	350	350	330	330	330	350	
		J / Hr.	1000 - 1200	1200 - 1400	2000-2200	2000-2200	700 - 1200	700 - 1200	2000-2200	2000-2200	750 - 850	600 - 800	250 - 800	110 - 300	300 - 850	300 - 850	300 - 850	300 - 850
ELECTRICAL POWER CONSUMPTION	Lenght of Heating Module	mm	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	
	Number of Heating Module	No.	1	1	1x2	1	1	1	1x2	1	1	1	1	2	4	4	4	
	Number of Heating Zones	Nos.	7	7	7	7	8	8	8	8	8	8	8	16	10	10	10	
	Number of IR Heaters	Nos.	7	7	14	14	8	8	16	16	8	8	8	48	40	40	40	
	Max Heating Power	KW	10.5	10.5	28	28	16	16	32	32	16	16	16	50	40	40	40	
	Indexing & Conveyor Motor	KW	1	1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2	1	1	1	
	Total Consumption Power	KW	11.5	11.5	29.5	29.5	17.5	17.5	33.5	33.5	17.5	17.5	17.5	52	41	41	41	
	Operating Pressure (LP)	Bar	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	LP Air Consumption	CFM	14-16	14-16	28-32	28-32	16-18	16-18	32-36	32-36	18-20	14-16	14-16	24-26	24-26	24-26	24-26	20-22
	Blowing Pressure (HP)	Bar	25-35	25-35	25-35	25-35	25-35	25-35	25-35	25-35	25-35	25-35	25-35	25-30	25-30	25-35	25-35	25-35
HP Air Consumption	CFM	25-30	25-30	50-55	50-55	45-50	45-50	90-95	90-95	35-40	35-40	50-55	60-65	60-65	35-40	35-40	55-60	
Temperature	°C	8 - 12 °C	8 - 12 °C	8 - 12 °C	8 - 12 °C	8 - 12 °C	8 - 12 °C	8 - 12 °C	8 - 12 °C	8 - 12 °C	8 - 12 °C	8 - 12 °C	8 - 12 °C	8 - 12 °C	8 - 12 °C	8 - 12 °C	8 - 12 °C	
Capacity	Ton	2	2	3	3	2	2	3	3	2	2	2	3	3	2	2	2	
CONVEYOR	L X W X H	72 X 28 X 49	72 X 28 X 49	91X24X48	91X24X48	72 X 28 X 49	72 X 28 X 49	88 X 34 X 48	88 X 34 X 48	71X 27 X 48	71X 27 X 48	17 X 27 X 48	76 X 32 X 50	145 X 37 X 70	100 X 30 X 56	140 X 32 X 59	156 X 35 X 59	
BLOWER	L X W X H	65 X 23 X 106	65 X 23 X 106	65 X 23 X 106	65 X 23 X 106	65 X 27 X 106	65 X 27 X 106	65 X 24 X 106	65 X 24 X 106	65 X 27 X 100	65 X 27 X 100	83 X 22 X 102	84 X 25 X 102	112 X 36 X 90	65 X 27 X 100	65 X 24 X 100	84 X 25 X 102	
COMBINED NET WEIGHT	Kg	1000	1000	1800	1800	1000	1000	1800	1800	1000	1000	1350	2500	2500	1200	1200	1650	



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