



GLOBAL PET
INDUSTRIES LIMITED

Electra Series

2, 4 & 6 Cavity All Electric Servo Controlled
Fully Automatic Pet Stretch Blow Moulding Machine



Electra Series

All Electric Servo Controlled Fully Automatic Pet Stretch Blow Moulding Machine

- **Machine Models :**

- **2 Cavity Electra Series**

- 60 BPM with 2 Schneider make Servo Motors

- **4 Cavity Electra Series** 90-100 BPM with 3 Schneider make Servo Motors

- **6 Cavity Electra Series**

- 125-130 BPM with 4 Schneider make Servo Motors

- **Suitable for Preform Neck :**

- 28 MM ALASKA-For Water

- 28 PCO 1881-For CSD & Other Bev.

- 28 PCO 1810-For CSD & Other Bev.

- 29/21 CTC- For Edible Oil

- **Suitable for Segments :**

- Packaged Drinking Mineral Water

- Carbonated Soft Drinks

- Hot Fill Juice

- Edible Oil



Salient Features

GPSB Electra Series Machines - The two-stage process 2, 4,& 6 Cavity All Electric Servo Controlled Fully Automatic Pet Stretch Blow Moulding Machine for beverage & other applications.

High Efficiency Rubi Infrared Pre-heating System - 2600 MM Four Module 7 Zone Rubi Infrared high efficiency power saver Heating Length with conveyORIZED preheating system to maintain uniform Pre-Heating. Incremental Heater Settings By 1% To 99%.Continuous conveyORIZED self-rotating preform Pre-heating System with VFD Drive

Schneider Make Servo - controlled Preform Transfer Mechanism.

Schneider Make Servo - controlled Top Stretch Blowing Technology.

Schneider Make Servo - controlled Tie-Bar Less Mould Clamping Unit for shortest Mould Change-over time.

Schneider Make Servo - controlled Bottle Transfer Mechanism & Air Lifter Conveyor with Blower for Bottle Online Transferring Rinsing Filling Capping & Labelling of PET Bottles.

Seitz Make High Efficiency High Pressure Blowing Valve - Switzerland make High Pressure Seitz Blowing Valve with No Preform No Blow System for reduced Air consumption.

Oil Free / Self Lubricated Bushing Technology - Graphite Filled Bronze Bushes for Oil Free self-lubrication.

Unique Space saving Compact Design in Aesthetic aspect.

Automatic Preform Feeding System - This system reduces the manpower, having a capacity of up to 7000 performs at a time ensuring uninterrupted production for at least 1.5 hours.

Integrated Compact Online Air Conveyor System for RFCL Line - Eliminates manual I human intervention, we provide Bottle Discharge Table & Take-Off unit with integrated 1-meter Stainless Steel Air Conveyor with Blower along with

pre-filters & blower suitable to carry bottle up to 5 meters for Online Bottle Rinsing Filling Capping & Labelling Line

Technical Specifications for 1 litre

ALL ELECTRIC FULLY AUTOMATIC PET STRETCH BLOW MOULDING MACHINE					
	TECHNICAL DETAILS	UNITS	GPSB-2/1000 Electra Series	GPSB- 4/1000 Electra Series	GPSB- 6/1000 Electra Series
MOULDING	NUMBER OF CAVITY	Nos.	2	4	6
	CAVITY PITCH	mm	110	110	110
	MOULD THICKNESS	mm	160	160	160
	CLAMPING STROKE	mm	130	130	130
	STRECHING STROKE	mm	350	350	350
CONTAINER	MAX . NECK DIAMETER	mm	28	28	28
	MAX. PRODUCT DIAMETER	mm	100	100	100
	MAX. HEIGHT	mm	325	325	325
	MN. VOLUME	ml	100	100	100
	MAX. VOLUME FOR CSD, HOTFILL JUICE & EDIBLE OIL	ml	1000	1000	1000
	MAX. VOLUME FORMINERAL	ml	1000	1000	1000
PRODUCTION OUTPUT	200ML TO 1000ML	bph	3400 - 3600	5400 - 6000	7500 - 8000
INFRARED HEATER CONNECTED POWER CONSUMPTION	LENGTH OF EACH HEATING MODULE	JLE mm	950	650	950
	NUMBER OF HEATING MODULE	nos.	2	4	4
	NUMBER OF HEATING ZONES	nos.	7	7	7
	NUMBER OF IR HEATERS	nos.	14	28	28
	CONNECTED HEATING LOAD	kw	14	28	28
	ACTUAL POWER CONSUMPTION OF HEATER WILL BE 40 TO 45%	kw	12.6	25.2	25.2
	CONVEYOR MOTOR & BLOWER	kw	0.37/ 0.74/ 0.28	0.37/ 0.74/ 0.74	0.37/ 0.74/ 0.74
SERVO MOTOR	MOULD CLAMPING	kw	3.5	3.5	3.5
	STRETCHING	kw	3.5	3.5	3.5
	PREFORM & BOTTLE TRANSFER	kw	-	2.0	2.5
	ACTUAL CONSUMPTION OF SERVO MOTOR WILL BE 25 - 30 %	kw	2.1	2.7	2.7
MAXIMUM MACHINE POWER CONSUMPTION TOTAL LOAD	MAXIMUM POWER CONSUMPTION OF MACHINE	kw	15.7	28.9	31.7
AIR CONSUMPTION	BLOWING PRESSURE (HP)	bar	30- 35 bar	30- 35 bar	30- 35 bar
	Buffer for Air Consumption	cfm	20	25	30
	LP AIR CONSUMPTION	bar	8 - 10	8 - 10	8 - 10
	HP AIR COMSUMPTION FOR 200ML	cfm	15	23	31
	HP AIR CONSUMPTION FOR 500 ML	cfm	37.8	55	78.75
	HP AIR CONSUMPTION FOR 1000 ML	cfm	78	115.5	164
CHILLED WATER	TEMPERATURE	cfm	8-10	8-10	8-10
	CAPACITY	ton	78	5T	5T
MACHINE WIDTH & DIMENSION	WEIGHT OF MACHINE	ton	2.5	3.5	5T
	ONLY MACHINE SIZE (LXWXH)	mm	2730x1285x2450	3750x1285x2450	5270x1285x2253
	MACHINE WITH PREFORM LOADER	mm	3600X3350X2450	4050X3450X2450	50 50x3450x2450

Technical Specifications for 2 litre

ALL ELECTRIC FULLY AUTOMATIC PET STRETCH BLOW MOULDING MACHINE					
	TECHNICAL DETAILS	UNITS	GPSB-2/2000 Electra Series	GPSB- 4/2000 Electra Series	GPSB-6/2000 Electra Series
MOULDING	NUMBER OF CAVITY	Nos.	2	4	6
	CAVITY PITCH	at t1	110	110	110
	MOULD THICKNESS	mm	160	160	160
	CLAMPING STROKE	mm	110	110	110
	STRECHING STROKE	mm	400	400	400
CONTAINER	MAX. NECK DIAMETER	mm	28-35	28-35	28-35
	MAX. PRODUCT DIAMETER	mm	100	100	100
	MAX. HEIGHT	mm	325	325	325
	MN. VOLUME	ml	100	100	100
	MAX VOLUME FOR CSD (800mm W 1TH LEGS)	ml	1.25	1.25	1.25
	MAX. VOLUME FOR CSD. HOTFILL JUICE & EDIBLE (FIAT B0170M)	ml	1500	1500	1500
	MAX VOLUME FOR MINERAL WATER	ml	2000	2000	2000
PRODUCTION OUTPUT	200ML TO 1000ML	bph	3400 - 3600	5400 - 6000	7500 - 8000
	1500ML TO 2000ML	bph	2200 - 2400	4000 - 4500	5000 - 5500
INFRARED HEATER CONNECTED POWER LOAD	LENGTH OF HEATING MODULE	mm	950	650	950
	NUMBER OF HEATING MODULE	Nos.	2	4	4
	NUMBER OF HEATING ZONES	Nos.	8	8	8
	NUMBER OF IR HEATERS	Nos.	16	32	32
	CONNECTED HEATING LOAD	kw	32	64	64
	ACTUAL POWER CONSUMPTION OF HEATER WILL BE 40 TO 45%	kw	14.4	28.8	28.8
	CONVEYOR MOTOR & BLOWER	kw	2	2	2
SERVO MOTOR	MOULD CLAMPING	kw	3.5	3.5	3.5
	STRETCHING	kw	3.5	3.5	3.5
	PREFORM & BOTTLE TRANSFER	kw	-	2.0	2.5
	ACTUAL CONSUMPTION OF SERVO MOTOR WILL BE 40-45%	kw	2.1	2.7	2.7
MAXIMUM MACHINE POWER CONSUMPTION TOTAL LOAD	MAXIMUM POWER CONSUMPTION OF MACHINE	kw	17.5	32.5	32.5
AIR CONSUMPTION	LP AIR COMSUMPTION	bar	8 - 10	8 - 10	8 - 10
	BLOWING PRESSURE (HP)	bar	30 - 32	30- 32	30- 32
	HP AIR CONSUMPTION	cfm	15	55	78.75
	HP AIR CONSUMPTION FOR 500 ML	cfm	37.8	55	78.75
	HP AIR CONSUMPTION FOR 1000 ML	cfm	78	115.5	164
	HP AIR CONSUMPTION FOR 1500 ML	cfm	81	147	151.2
	HP AIR CONSUMPTION FOR 2000 ML	cfm	105	189	201.6
	BUFFER HP AIR CONSUMPTION	cfm	20	25	30
CHILLED WATER	TEMPERATURE	c	8 - 12'c	8 - 12'c	8 - 12'c
	CAPACITY	ton	3 -4T	5 -6T	6 -5T
MACHINE WIDTH & DIMENSION	WEIGHT OF MACHINE	ton	2	3.5	4.5
	ONLY MACHINE SIZE (LXWXH)	mm	2730x1285x2450	3750x1285x2450	5270x1285x2253
	MACHINE WITH PREFORM LOADER	mm	3600x3350x2450	4050x3450x2450	5050x3450x2450



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www.globalpetind.com



2 cavity = 60BPM

4 Cavity = 90-100 BPM





6 Cavity - 125 - 130 BPM



GLOBAL PET INDUSTRIES LIMITED

CONTACT US :

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