

SSB Technical Data

Model	SSB10	SSB20	SSB45	SSB60
Machine closing force	10-12 tonnes	15-18 tonnes	20-30 tonnes	30-40 tonnes
Electric power installed	24Kw(36-42Kw opt)	38Kw(46-54Kw opt)	86Kw(102-118Kw opt)	102kW(132-145 opt)
Average power consumption	40-60% of installed power	40-60% of installed power*	40-60% of installed power	40-60% of installed power
Standard Voltage/frequency	3x400 V+N+E/50HZ	3x400 V+N+E/50HZ	3x400 V+N+E/50HZ	3x400 V+N+E/50HZ
Machine Height	3.80 m	3.80 m	3.80 m	3.80 m
Machine Net Weight (Incl. Perform Loader)	1600 kg	3500kg (approx)	6000kg(approx)	7000kg(approx)
Heating System				
Heating Power	18kw(24-28 kw opt)	32 kw (40-48 kw opt)	64 kw (82-96 kw opt)	86 kw (94-110 kw opt)
No. of Heater Boxes	2	4	6-8 opt	8-12
No. Of Heating Zones	6-8(10-12 opt)	6-8 (10-12 opt)	6-8 (10-12 opt)	6-8 (10-12 opt)
No. Of lamps Per/Heater Boxes	6-8(10-12 opt)	6-8 (10-12 opt)	6-8 (10-12 opt)	6-8 (10-12 opt)
Air Supply				
Blowing Air, "Oil Free"(40Bar)	100-200 m ³ /h**	200-300 m ³ /h**	450-650 m ³ /h**	650-800 m ³ /h**
Working Air(7-10 Bar)	60Nm ³ /h	60Nm ³ /h	60Nm ³ /h	60Nm ³ /h
Cooling Water				
Chiller Capacity	10000kcal/h	15000kcal/h	30000kcal/h	40000kcal/h
Water Pressure Range	5-6 Bar	5-6 Bar	5-6 Bar	5-6 Bar
Water Temperature	6°c	6°c	6°c	6°c
Bottle Production	1000-1200 BPH	2000-2200 BPH	4000-4500 BPH	6000BPH
Preform neck diameter (min. int./max int.)	14mm/32mm	14mm/32mm	14mm/32mm	14mm/32mm
Bottle Height (max)	350mm	350mm	350mm	350mm
Bottle Diameter(max)	130mm	130mm	130mm	130mm
Bottle Size range	200-2000ml	200-2000ml	200-2000ml	200-2000ml
No. Of Moulds	2	4	6-8	8-10

We reserve the right to alter the specificatio

CANADA PURE
FILLERS

THE ONLY TRULY FLEXIBLE PET BLOWING SYSTEM



CANADA PURE
FILLERS

CANADA PURE FILLERS PRIVATE LIMITED

PET STRETCH BLOW MOULDING MACHINE 1000 - 6000 Bottles / Hour



ALL THE QUALITIES OF PET...

The PET bottle is a great success in many countries. And no wonder. Produced by the biaxially oriented blow moulding process, PET or Polyethylene Terephthalate - bottles combine outstanding performances and aesthetic qualities. They give you the superb crystal clarity needed to show any product to advantage. They have excellent carbonation retention properties and a good barrier to oxygen. Extremely resistant to breakage. Light to handle and transport. And safe to health and environment.

..WITH CANADA PURE FILLERS SYSTEM FLEXIBILITY

To the advantages of PET itself, the extraordinary characteristics of the SSB10 to SSB60 are added: simplicity, compactness, reliability and flexibility.

Quickly installed, the machine is ready for producing bottles of various shapes and contents as the changes of the moulds are rapid. Renowned for these advantages, it is the small "two step" machine which is the most sold in the world and gives satisfaction to hundreds of producers for very different applications: mineral water, carbonated drinks, edible oil, detergents...

This is the ideal system for the economical production, in small series, of quality bottles.



THE QUARTZ OVEN

Eight vertically, horizontally and angularly adjustable double lamps can be turned to allow a more uniform heating of any type of preforms before blowing. Preheating is achieved by recirculating hot air exhausted by lamps and the system automatically adjusts to changes in the ambient temperature.

An oven with ten lamps (optional) permits the heating of thicker preforms.

THE CONTROL CABINET

The control cabinet is equipped with a programmable microprocessor with Error Status Indicator. Setting and adjusting of the controls can be performed manually. For special climates the cabinet can be air conditioned.



EASY ACCESS

The pneumatic, hydraulic and electrical equipments, as well as the cooling system, are easily accessible.

Minimum replacement time is required when one type of bottle mould is changed for another one. No special tools are needed.

THE BI-AXIAL ORIENTATION

PET is certainly the ideal material. But to retain that title, it also needs the full benefits of bi-axial orientation.

Bi-axial orientation requires two-stage production: the preform is first produced and then, within a precise temperature range, it is simultaneously stretched both axially, thanks to stretching rods, and radially by blowing. It is this process which gives the container its strength.

These two phases can be carried out on one double acting machine (one stage) or separately on two different machines (two stages).

But the new generation of applications is covering a still more extensive range : detergents and cleaning products, wine and other alcoholic-drinks, fruit juices, certain preserves, sauces, ketchup and mustard, cosmetic and pharmaceuticals products, industrial paints and oils, chemical products, etc...

A range of new markets with a promising potential.

Specialized in the manufacture of bi-oriented stretch-blow-moulding machines for PET containers (starting from preforms), Shivsu Microtek is offering today a completely upgraded range of small and medium capacity blow-moulding units.

They combine the proven simplicity and reliability of the linear machine concept with the most recent developments in the field of PET process technology. A state-of-the-art, user friendly operator machine interface (graphic display) allows easy programming of all relevant production parameters, ensuring at the same time extremely fast product change-over. Special equipment packages are available for the production of refillable or hot fill PET bottles. PEN/PET bottles and bi-oriented PP-bottles.

ADVANTAGES OF A FLEXIBLE SYSTEM

A system of small modular units has many advantages over one large machine

- ✦ A system of small modular units has many advantages over one large machine.
- ✦ You can begin small with the minimum investment.
- ✦ As business grows, additional units can be acquired.
- ✦ Production volume can easily and economically be adjusted to market fluctuations.
- ✦ Bottles of different sizes and weights can be produced simultaneously on different units.
- ✦ Change-over from one production to another can be rapidly effected.
- ✦ The equipment design is simple and, as a result, the tooling costs are low.
- ✦ The SHIVSU MICROTEK system is well known for its solidity and reliability according to world standards.
- ✦ A simple system to operate means short training for operators.
- ✦ As the machine requires very little maintenance, costs related to non operating machines are negligible.

