



# **BME**

***M.M.M. Buxabhoj & Co.***

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Our Range of  
Filling & Foil-Sealing  
Solutions

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***All the pictures shown in this brochure are of the actual machines in working condition.***

*The production output values have been calculated based on time studies carried out at our end; actual production volumes may vary. All machines are compliant with food and/or dairy grade standards.*



# Hello!

## We are 3MB

M.M.M Buxabhoy & Co. (3MB) entered the packaging industry in 1996 as a trader of small manual and motorised equipment along with consumables. Over the subsequent 21 years we have expanded on our product portfolio, increased our domestic and foreign client base and have developed our own infrastructure for manufacturing and product innovation. Today, we are dealers in; and manufacturers of a variety of packaging equipment.

Packaging equipment encompasses a wide ambit of products. Within this vast set; our focus is towards providing customers with solutions related to primary packaging which mainly involves operations like **filling, sealing, capping and batch code printing**. The approach we follow is holistic in nature; wherein we try to best understand the present and future requirements of our clients on the basis of which we provide a solution that could be manual, semi-automatic or fully-automatic. We always strive to tailor-make our solutions through which our customers can derive optimum value.

Through our commercial experiences, we have understood the importance of satisfying customer requirements. We are aware of the negative impact of having even one unsatisfied customer and conversely the benefit of a satisfied one. Therefore our business mantra is to **pioneer in products that are highly customer-centric and ensure on providing the best customer service and after sales-support.**

We hope to add value to your packaging operations!

Warm Regards,

**The 3MB Team.**



# Manual Cup Sealing Machines

## Model: MCS-01 and MCS-01

These machines provide a cost effective and reliable sealing solution for customers using aluminium foils to seal products in plastic cups. MCS-01 is a combo model and can seal two different kinds of cups (having varying diameter); just by placing an extra retaining ring. The MCS-01 on the other hand can only be used to seal one cup diameter. Both machines provide a strong, hermetic seal and customers can be assured that, once sealed; their products will be secure and the seals will be able to withstand rough handling. Typically, a skilled operator can seal about 300 cups an hour with these machines.

*We manufacture standard models of this machine for 80.5 mm and 95 mm cups; however, we can custom build both models to suit any sizes of cup(s).*

## Key Application Areas:

- a. Dairy products like curd (dahi); shrikhand, buttermilk, lassi, amrakhand etc.
- b. Juice
- c. Restaurant take-outs

## Technical Specifications:

Machine Dimensions (L x W x H)	(36 x 26 x 28.5) cm
Net Weight	9.5 kg
Material of construction	Frame: Powder coated mild steel Heater Die: Brass
Voltage	230 V @ 50 Hz
Current	1 amp
Optional Accessories	Digital temperature controller
Power rating	225 watts



Precise digital temperature control.



Tool-less & convenient switch over between sizes.



Single heater for both sizes.

# Single-Head Volumetric Piston Filler

## Model: 1VRV

This machine is ideal for filling highly viscous products and can even manage products with solid particles. The 1VRV is extremely easy to operate and can give an output rate anywhere between 6-15 containers per minute depending on the volume set.

*The 1VRV will require a 2 H.P. air compressor and a three phase power supply as pre-requisites for operation.*

## Key Application Areas:

- a. Dairy products like ghee, curd, buttermilk, yogurt, shrikhand, amrakhand, lassi
- b. Sauces like mayonnaise, mustard, salsa, schezwan and ketchup etc.
- c. Honey
- d. Jams and crushes (with and without solid particulates)
- e. Adhesives like fevicol
- f. Cosmetic items like handwash, hair-gel and creams
- g. Non-corrosive chemicals

## Technical Specifications:

Machine Dimensions (L x W x H)	(56 x 18 x 36) cm
Net Weight	45.2 kg
Fill Range	50-1000 ml
Material of construction	Frame: SS-304 and Plated Mild Steel Contact Parts: SS-316
Voltage	230 V @ 50 Hz
Current	1 amp
Optional Accessories	Nozzle attachments; filling table; extra tubing; transfer pump & valves
Hopper Capacity	45 litres (Can be modified to suit customer requirements)
Compressed air requirement	5 kg/cm <sup>2</sup>
Power rating	225 watts





*Filter + Regulator Unit*

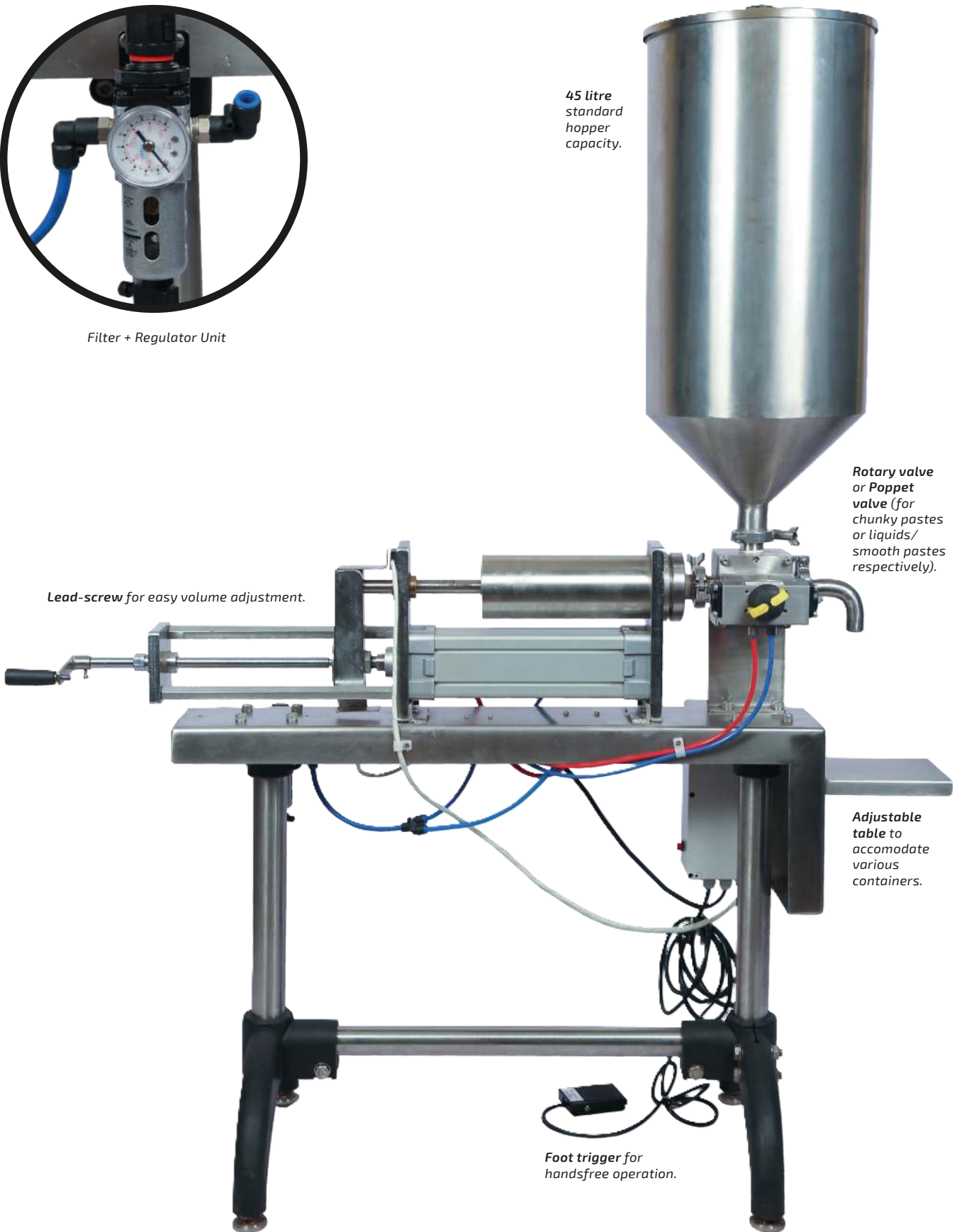
*45 litre  
standard  
hopper  
capacity.*

*Rotary valve  
or Poppet  
valve (for  
chunky pastes  
or liquids/  
smooth pastes  
respectively).*

*Lead-screw for easy volume adjustment.*

*Adjustable  
table to  
accomodate  
various  
containers.*

*Foot trigger for  
handsfree operation.*



# Single-Head Gear Pump Filler

## Model: SHGP-01

This machine provides a versatile and compact solution for customers looking to fill liquid (water thin) and slightly viscous products like oils. With a wide fill range of 50 – 5000 ml along with three speed settings; customers having a wide variety of bottle sizes would find the SHGP-01 a perfect fit. Output rates ranging from 4-15 containers per minute can be achieved with the SHGP-01; depending on the volume of product being filled.

*Please note that this machine cannot be used for extremely viscous products or products having solid particulates*

## Key Application Areas:

- a. All kinds of edible oils (Vegetable, coconut, olive and palm oils etc.)
- b. Dairy products like ghee (liquid form), lassi and milk
- c. Food ingredients like vinegar, soy sauce etc. (without particulates)
- d. Synthetic juice
- e. Syrups (Without particulates)
- f. Lubricants
- g. Cosmetics (face-wash, liquid soap etc.)
- h. Non-corrosive chemicals
- i. Perfumes (Oil and alcohol based)

## Technical Specifications:

Machine Dimensions (L x W x H)	(52 x 65 x 27.5) cm
Net Weight	25.3 kg
Fill Range	50-5000 ml
Material of construction	Frame: SS-304 Contact Parts: SS-316
Voltage	230 V @ 50 Hz
Power rating	500 watts
Optional Accessories	Nozzle attachments; filling table; extra tubing.
Pump Capacity	25 litres per minute @ 1500 rpm



*Gear Pump  
(SS-316)*

*Filling Nozzle with suitable  
attachments depending on  
product viscosity.*

*Text Panel for user  
friendly operation.*



*Precise filling accuracy.*

*Direct  
suction  
from  
holding  
tank.*

*Foot trigger for  
handsfree operation.*

# Semi-Automatic Cup Sealing Machine

## Model: SCS-01

This machine is a faster alternative to the manual cup sealing machines; it automates the foil placing and foil sealing operations. The operator will have to merely place a filled cup and take out the sealed cup and leave the rest to the SCS-01. An output of about 15 cups per minute can be expected with this machine. Additionally; the SCS-01 can be coupled with the IVRV and the SHGP-01 filling machines to automate the filling process as well.

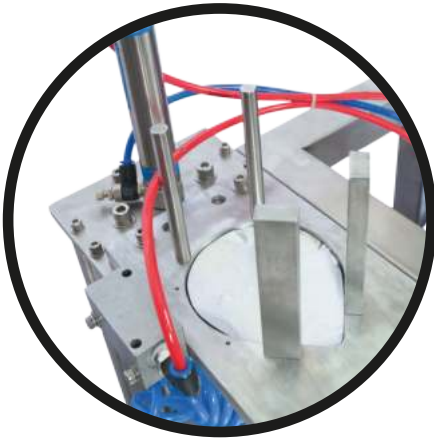
*The SCS-01 will require a 2 H.P. air compressor and a three-phase power supply as pre-requisites for operation.*

## Key Application Areas:

- a. Dairy products like curd, lassi, shrikhand, amrakhand.
- b. Speciality items like falooda
- c. Beverages like juice

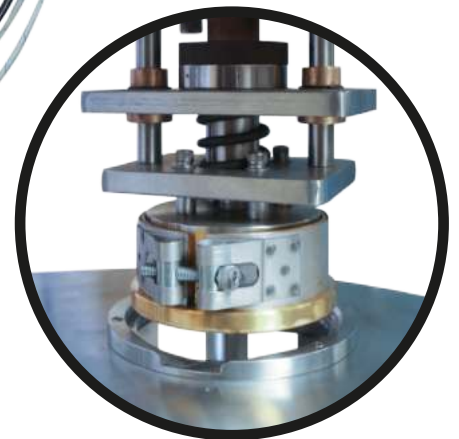
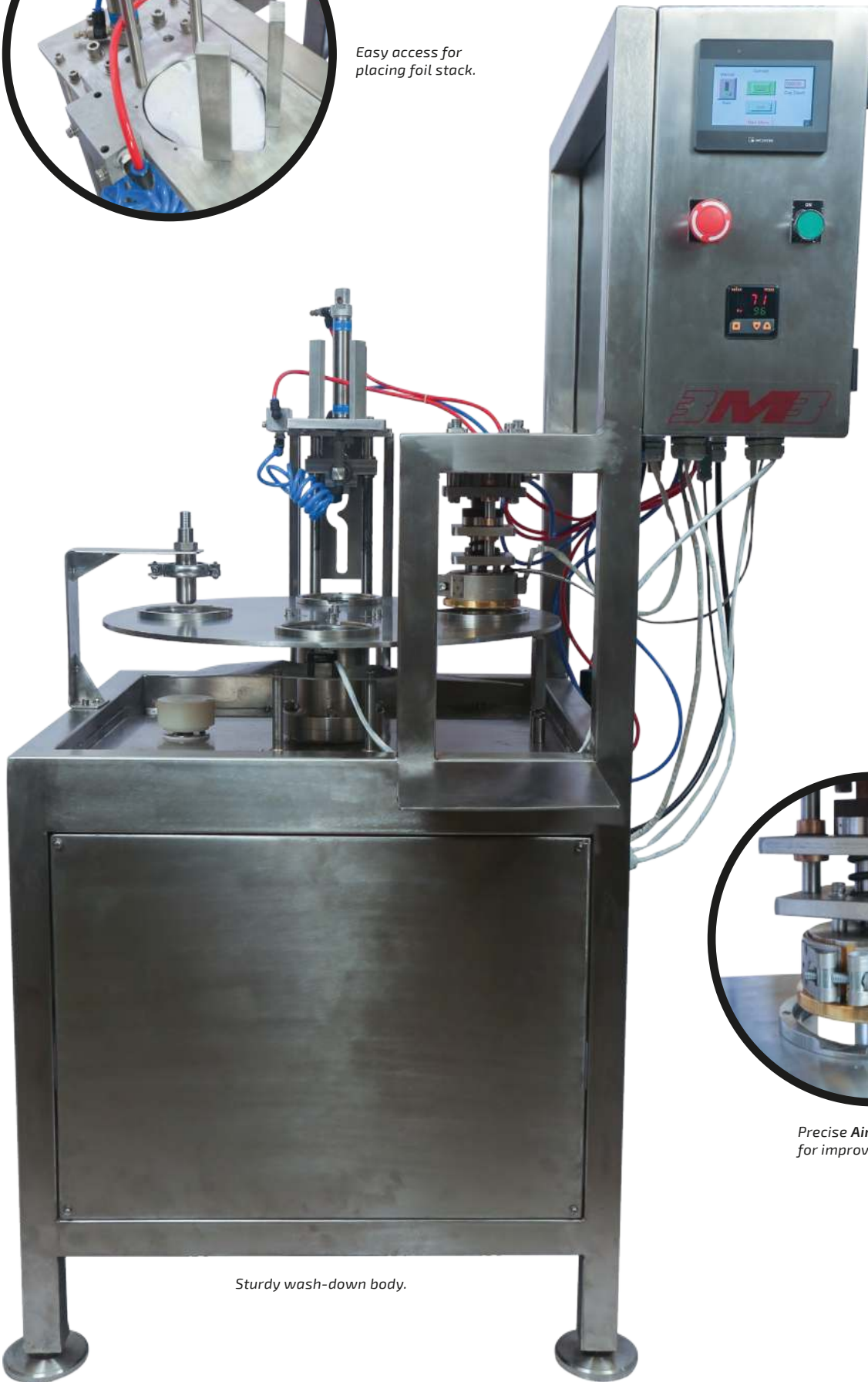
## Technical Specifications:

Machine Dimensions (L x W x H)	(84.5 x 64 x 138) cm
Net Weight	133.5 kg
Material of construction	Frame: SS-304 Heater Die: Brass
Voltage	230 V @ 50 Hz
Current	2.5 amp
Optional Accessories	Filling unit; inkjet printing.
Compressed air requirement	5 kg/cm <sup>2</sup>
Power rating	625 watts



*Easy access for placing foil stack.*

*User-friendly Touch Screen Control.*



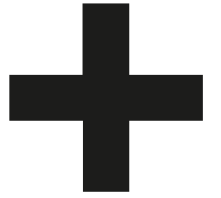
*Precise Air-tight Seals for improved shelf life.*

*Sturdy wash-down body.*

Filling units can be easily integrated with the SCS-01; thereby increasing its functionality.



Volumetric Piston Filler coupled with the sealing unit.



Gear Pump Filler coupled with the sealing unit.

**Great  
Packaging  
Always  
Sells.**

**We aim to add value to your  
packaging operations!**



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