



Semi Automatic Dry Powder Filling Machine

This machine is ideal for dry powder and dry syrup filling. The machine is simple to operate, easily moveable and occupies low space.

Output	20 to 30 BPM*
Connected Load	0.385 HP
Overall Dimensions	520 mm x 600 mm x 1000 mm (L) (W) (H)
Net Weight	150 Kg

* The output depends on fill weight, characteristic of powder, bottle / container's neck diameter and ambient temperature condition.

Semi Automatic Empty Bottle Cleaning Machine With Compressed Air & Suction arrangement

The semi automatic bottle cleaning machine works on compressed air and suction blower arrangement. The bottles are placed in inverted position manually on the nozzle. As soon as the bottle is placed and pressed downwards, the solenoid valve actuates and filtered compressed air is sprayed inside the bottle and the suction blower sucks the foreign particle if any. After cleaning, the bottles are transferred manually to the filling machine.

Connected Load	20 to 50 BPM*
Connected Load	1 HP
Utility Requirement	Compressed Air - 5 to 6 CFM @ 4 to 5 kg/sq.cm
Suction Blower	1 HP, 100 mm of Hg, 120 CFM
Overall Dimensions	920 mm x 610 mm x 875 mm (L) (W) (H)
Net Weight	130 Kg

* The output depends on the operator's skill.

SALIENT FEATURES

- ⇒ Auger Type Filling.
- ⇒ Preset revolution control with digital display for quick setting of fill weight.
- ⇒ Servo Motor with PLC for precise fill weight.
- ⇒ Automatic powder level maintaining system for maintaining constant level of powder to facilitate minimum weight variation.
- ⇒ Weight variation within $\pm 2\%$.
- ⇒ Powder contact parts in SS 316 / SS 316L.
- ⇒ Quick interchangeability in minutes for changeover of product.
- ⇒ PLC System and HMI with display of operating parameters.
- ⇒ For optimum output, the interchangeable parts in following weight combinations are supplied as per the client's requirements:

3gm-5gm ; 5gm-15gm ;
15gm-30gm ; 30gm-50gm ;
50gm-75gm ; 75gm-100gm

Semi Automatic ROPP/ Screw/CRC Cap Sealing Machine

The Semi Automatic sealing machine works on cam mechanism. The ROPP/Screw/CRC Cap is manually placed on the filled bottle by the operator who then puts it below the sealing head. The sealing head comes down, seals the bottles and moves upward after the sealing operation. The speed can be adjusted through a variable frequency drive for achieving the required output which also depends on types of the bottle and operator skill

Output	15 to 30 BPM*
Connected Load	0.5 HP
Overall Dimensions	700 mm x 600 mm x 1600 mm (L) (W) (H)
Net Weight	275 Kg

* The output depends on the operator's skill.



Fully Automatic Dry Powder Filling with Capping Machines

AUTOMATIC DRY POWDER FILLING LINES

QUALITY THAT EXCELS IN GLOBAL MARKETS

MACHINES CAN BE SUPPLIED FOR 380 VOLTS 3PHASE 50 Hz OR 220 VOLTS 3PHASE 60 Hz AS PER CLIENT'S REQUIREMENTS

Anchor Mark Private Limited offers comprehensive technical consultancy and advisory assistance if required. Necessary personnel training and assistance are provided as after-sales support.

As the design and manufacture of ANCHOR MARK PRIVATE LIMITED machines are subject to continual improvement, the product supplied may differ in some details from the specifications and illustrations given herein.



Plot No. 101 A, Kandivli Co-op. Industrial Estate Ltd., Charkop, Kandivli (W), Mumbai -400 067. INDIA.
Tel. : 91-22-40972000/28682001 Fax : 91-22-28682250
E-mail : sales@anchormark.com, anchor@bom5.vsnl.net.in Website: www.anchormark.com

Automatic Air Jet Bottle Cleaning Machine Vertical Carrousel Design

The Air Jet Bottle cleaning machine is suitable for rinsing bottles with compressed air and vacuum arrangement for dust collection.

The machine consists of a S.S. slat conveyor belt & vertical rotary carrousel wheel. Bottles are passed through the S.S. slat conveyor which feeds the bottle to the synchronized rotary carrousel wheel. Bottles are subjected to positive pressure with stage-wise filtered compressed air for blowing & loosening particulate matter, if any. Dust particles that are set loose are collected under negative pressure by the vacuum pump provided.

Online Ionizer can be provided as option for removal of static charge.

After rinsing, the bottles are conveyed in upright position and transferred to the discharge end through S.S. Slat Conveyor to the filling machine.

The machine is fully covered with an acrylic hood. The machine is provided with a dust collection chamber with filter bag and a vacuum pump unit inbuilt in the machine. Speed of the machine can be regulated through the Variable Frequency Drive Unit provided.

TECHNICAL SPECIFICATIONS:

Model	AJBC80	AJBC120
Output	40 to 80 BPM	80 to 120 BPM
Connected Load	4 HP	4.5 HP
Overall Dimensions (Approx)	1830 mm (L) x 1150 mm (W) x 1760 mm (H)	1830 mm (L) x 1150 mm (W) x 1760 mm (H)
Net Weight (Approx)	550 kg	650 kg

Single Head Dry Powder Filling with ROPP/Screw/CRC Capping Machine



Automatic Dry Powder Filling and ROPP/Screw/CRC Capping Machines

The Automatic Dry Powder Filling with ROPP/Screw/CRC Capping Machine is a combination of Auger type Powder Filling with Capping machine. It is available in 2 models i.e.

- ⇨ Single Head Powder Filling with Single Head ROPP/Screw/CRC Capping machine - Monoblock
- ⇨ Twin Head Powder Filling with Four Head ROPP/Screw/CRC Capping machine

The machine is compact and conforms to the cGMP requirements. The process ensures contamination free filling as the bottles are capped and sealed immediately which avoids exposure of the powder. The design of the machine is such that it enables easy change over and facilitates easy cleaning.



SALIENT FEATURES

- ⇨ Auger Type Filling
- ⇨ Servo Motor with PLC for precise fill weight
- ⇨ Preset revolution control with digital display for quick setting of fill weight.
- ⇨ Weight variation within $\pm 2\%$
- ⇨ Automatic powder level maintaining system for maintaining constant level of powder to facilitate minimum weight variation.
- ⇨ "No bottle - No fill" arrangement to avoid spillage of powder and "No bottle - No cap" system.
- ⇨ Production counter for estimation of exact production at the end of the shift / day.
- ⇨ Programmable Logic Control (PLC) and HMI with display and hooter system to identify fault or malfunctioning of the machine
- ⇨ For optimum output, the interchangeable parts in following weight combinations are supplied as per the client's requirements:
3gm-5gm ; 5gm-15gm ;
15gm-30gm ; 30gm-50gm ;
50gm-75gm ; 75gm-100gm
- ⇨ All powder contact parts in SS 316 / SS316L.
- ⇨ Safety hood to prevent flying glass particles in case of bottle breakage.
- ⇨ Vibratory cap feeder to suit all types of caps

Filled Bottle Tilting Type Inspection Table

The filled bottles are conveyed to the slat conveyor of the inspection unit. The bottles pass through the inspection unit in a tilted position and are made to rotate through the specially designed conveyor track. The unit is provided with magnifying glass and lighting arrangement. Since the bottles are rotating in a tilted position, the operator can easily identify foreign particles, cap rejections and crack in the bottles. The rejected bottles are picked up and kept in a separate rejection tray provided at the side of the inspection table.

Main Drive Motor	0.5 HP
CFL (Illumination)	11 Watt
Overall Dimensions (in mm)	(Length can vary as per room layout) x 610 (W) x 1300 (H)
Weight	250 kg. Approx.

* Input power supply is 220 volt, 1 phase, 50 cycles.

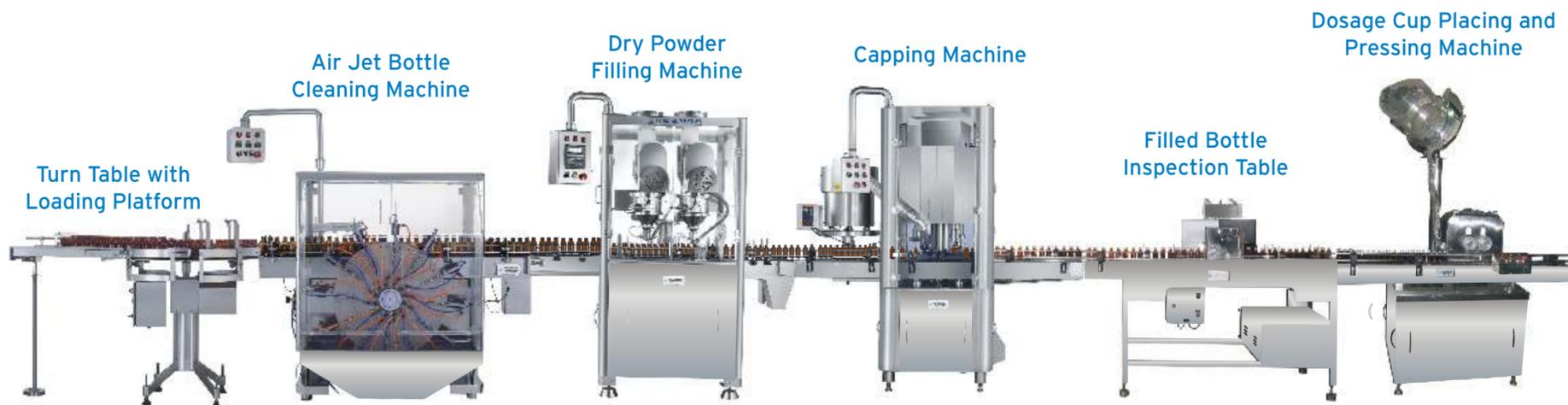
Automatic Dosage Cup Placing & Pressing Machine

The Dosage Cup Placing machine consists of SS Slat conveyor, rotary hopper with chute and shoe, cup pressing roller and variable speed arrangement. After inspection, the sealed bottles are conveyed to the Dosage Cup Placing and Pressing Machine where dosage cups are placed on the sealed bottles and pressed by the pressing rollers. The bottles are then conveyed onward to packing line. Vibratory cap feeder available as option.

Connected Load	1.25 HP
Overall Dimensions	1830 mm x 800 mm x 2400 mm (L) x (W) x (H)
Net Weight	1250 Kgs

* Input power supply is 415 volt, 3 phase, 50 cycles.

Typical Dry Powder Filling Line



TECHNICAL SPECIFICATIONS:

MODEL	SINGLE HEAD MONOBLOCK	TWIN HEAD FILLING MACHINE
Output	20 to 40 Bottles per minute*	40 to 80 Bottles per minute*
Connected Load	2.50 HP	1.6 HP
Utility Requirement	Compressed Air - 3 to 4 CFM @ 4 kg/sq.cm	Compressed Air - 3 to 4 CFM @ 4 kg/sq.cm
Suction Blower	1 HP, 100 mm of Hg, 120 CFM	1 HP, 100 mm of Hg, 120 CFM
Overall Dimensions	1950 mm x 880 mm x 2172 mm (L) (W) (H)	2340 mm x 940 mm x 2003 mm (L) (W) (H)
Net Weight	900 Kgs	600 Kgs

* Input power supply is 415 volt, 3 phase, 50 cycles.

* The output depends on the fill weight, characteristic of powder, bottle / container's neck diameter and ambient temperature condition.

