

Capsule



Double Cone Blender

SALIENT FEATURES:

- The conical shape at both ends enables uniform mixing and easy discharge.
- The cone is statically balanced which protects the gear box and motor from any excessive load.
- Powder is loaded into the cone through a wide opening and discharged through a butterfly valve.
- Depending upon the characteristic of the product, paddle type baffles can be provided on the shaft for better mixing, uniform blending and de-agglomeration.
- All contact parts are S.S. 316.
- Flame proof electricals can be provided as optional.
- Dust free bin charging system ensures minimum material handling
- In compliance with cGMP.

TECHNICAL SPECIFICATION

Model	Gross volume in Litres	Working volume in Litres	Overall Dimension in MM (LXWXH)	RPM	HP
LPTDC-30	20	15	1200 x 950 x 1650	20	2
LPTDC-150	150	100	2000 x 1200 x 2250	20	3
LPTDC-300	300	200	2100 x 1400 x 2350	20	5
LPTDC-500	500	350	2350 x 1500 x 2500	20	5
LPTDC-1000	1000	750	2700 x 1800 x 3000	20	5
LPTDC-1500	1500	1000	3000 x 2200 x 3400	20	7.5
LPTDC-2000	2000	1400	3250 x 2400 x 3550	20	10
LPTDC-2500	2500	1750	3400 x 2600 x 3700	20	15
LPTDC-3000	3000	2100	3600 x 2750 x 3700	20	15
LPTDC-4000	4000	2800	4200 x 3000 x 4500	20	20

Automatic Capsule Loader

SALIENT FEATURES:

- Easy to maintain.
- It saves time and labour.
- Low investment high output.
- Simple to operate.
- Semi skilled labour can be handle the machine.
- GMP model.
- All contact parts are SS 316.

TECHNICAL SPECIFICATION

Output	300 Capsule in 30 Seconds
Dimension	630mm x 430mm x 780 mm (75 kg.)
Drive	1/4 HP. 3Phase Motor, 1400 RPM
Inter-Changeability	Interchangeable part can be supplied for Std size of capsule 00/0/1/2/3/4/5





Semi Automatic Capsule Filling Machine

SALIENT FEATURES:

- cGMP Model.
- PLC based machine.
- All contacts parts are SS316.
- A special design for easy changeover of different size capsules .
- Filled weight accuracy within $\pm 3\%$.
- Simple operation, operator training can be done in 15 minutes.
- Automatic declutching of loader to minimize operator's attention and ensures optimum production.
- Simple structure and low malfunction, easy to maintain and easy to clean.
- Quick changeover of parts greatly reduces downtime of the machine during product change.
- Low noise & maintenance.

TECHNICAL SPECIFICATION

Capsule Size	00	0	1 & 2	3 & 5
Output per Hour CFS 30	21,600	28,800	32,400	36,000
Output Per Hour CFS 40	25,500	36,000	40,500	45,000

Main Drive

1 HP, 440 Volts, 3 Phase, 50 Hz
75 rpm

3 HP, 440 Volts, 3 Phase, 50 Hz,
1440 rpm

Filling Drive

0.5 HP, 440 Volts, 3 Phase, 50 Hz,
750 rpm

Vacuum

720 mm of Hg at 1000 Ltrs/Min

Compressed Air

200 Ltrs./Min., (8 cfm) at 100 Psi

Vacuum Pump Motor

Automatic Capsule Filling Machine

SALIENT FEATURES:

- ACF is fully automatic encapsulation machine. Encapsulation is the filling of empty capsule with the desired drug. It is done using tamping principle. In this the powder formulation is formed into a slug, which is delivered to the body of capsules. This machine can fills hard gelatine capsules with powder, granules, and pellets.
- The machine is designed to give varied output range of 6,000, 25,000, 40,000, 90,000 & 150,000 capsules per hour with high filling accuracy & can accommodate capsule size from '0' to '5'.
- This machine is productivity enhancing machine, which is handled by one operator.
- Filled weight accuracy + 2%.
- PLC controlled machine.
- Quick & easy changeover with help of standard gauges provided with machine.
- Flow of powder and empty capsules is maintained through PLC.
- Individual air control for faulty & filled capsules.
- In compliance with cGMP.

TECHNICAL SPECIFICATION

Output	40,000 cap/hr
Electrical Specifications	Main Drive
	1.5 hp, 380/440v, 3 ph, 50hz
	Powder Feeder
	0.25hp, 380/440v, 3ph, 50hz
Compressed Air	200 litres / min (8 cfm) at 100 Psi
Vacuum	720 mm of hg. At 1000 litres / min
Dust Extractor	150 cfm, 3 hp





Capsule Printing Machine

SALIENT FEATURES:

- High quality gravure prints at rates up to 60,000 (size 2") capsules per hour, or 80,000 capsules per hour depending on the diameter of the tablets.
- Designed for long runs at high speed.
- Total ease of handling.
- One operator can run several machines.
- Production rates up to 120,000 per hour for similar sizes.
- Completely automatic operation.
- Feed disc and gravure rolls are available in any size in order to obtain most efficient production.
- cGMP model.
- Fully flexible printer.

TECHNICAL SPECIFICATION

Power Supply	Size	Weight	Output
1 HP, 3Phase for the machine motor			(Circular/Linear) Empty / Filled Capsule
Vacuum Pump 3 HP-2000 Litres. Air requirements : Air - (100 PST) 2 HP 150 Litres, 5.30 CFT	Length 72" Width 30" Height 72"	Net weight 300 KG, Fitted with wheels	MARK I 50,000 pcs/hr MARK II : 1,00,000 pcs/hr

Capsule polishing machine

SALIENT FEATURES:

- VFD control drive.
- Ultra polishing system.
- Separate dust collection system.
- The capsules, while moving on the conveyor revolve along their axis due to the angular guides, thus can be inspected.
- In compliance with cGMP.

TECHNICAL SPECIFICATION

Output	40,000 to 60,000 capsules per hour
Drive Motor	
Inspection Section	0.5 hp
Vibrator	230 V. Single Phase
Width of Inspection belt	6"

