



# PHARMA MACHINERIES

## SEMI AUTOMATIC CAPSULE FILLING MACHINE



### RIDDHI PHARMA MACHINERY LTD.

CIN: U33112GJ1995PLC028504

**Manufacturer & Exporters of Pharmaceutical Machineries**

**MUMBAI OFFICE:** Om-shivam soc., Tarun Bharat Bldg. No.2, Opp. Cigaratte Factory, Sahar Road, Andheri (East), Mumbai - 400 099. Maharashtra, India Tel.: +91-22-28321332 / 28382479

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**REGD. OFFICE & FACTORY :** Riddhi Estate, Gulab Nagar, Opp. AEC, Amraiwadi, Ahmedabad - 380026. India.





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## **SEMI AUTOMATIC CAPSULE FILLING MACHINE(SINGLE LOADER)**

The semi automatic capsule filling machine is made out as per GMP standard suitable to fill powder, granules and pellets in empty capsule .The stand of body is made out of mild steel clad by S.S 304 quality The covering of the body is made out of S.S 304 quality mate finish and the top covering is made out of S.S 316 quality mirror finish.

The hopper of the loader is fabricated and made out of S.S 304 quality the loader section is made out of brass & aluminium duly hard chrome plated & anodize with aluminium loading ring. The loader drive with the means of ½ H.P 3 phase electric motor

The drug hopper is made out of S.S 316 quality with starrer and auger made out of S.S 316 fitted in drug hopper to fill the powder inside the empty capsule the movement of drug hopper is function with pneumatic cylinder the drug hopper drive with means of 1 H.P 3 phase electric motor and the filling table drive with means of ½ H.P gear motor 3 phase electric with variable speed drive.

The closing section is operated with the means of pneumatic cylinder

The machine output for single loader with interchangeable combination as below

<b>Capsule size</b>	<b>00</b>	<b>0</b>	<b>1/2</b>	<b>3/4/5</b>
No of holes for Loading Ring	360	480	540	600
Output per hour, approx	16,000	22,000	25,000	27,000

All the above output is depending on formulation and operator skill.

### **A) SEMI AUTOMATIC CAPSULE FILLING MACHINE SINGLE LOADER**

The machine is available with single loader in [PLC] programmable logical control system with Automatic capsule closing system suitable for filling any one size of capsule with 2 set Aluminium loading ring, 2nos extra auger, pallet filling attachment & FRL

### **B) VACUUM PUMP FOR SEMI AUTOMATIC CAPSULE FILLING MACHINE .**

3 h.p motor, 440 volts,50 Hz, 1440 rpm, 500 mm [20"] of Hz at 1000 Lts/min {30 cmf}

## SEMI AUTOMATIC CAPSULE FILLING MACHINE(Double Loader)

The semi automatic capsule filling machine is made out as per GMP standard suitable to fill powder, granules and pellets in empty capsule .The stand of body is made out of mild steel clad by S.S 304 quality The covering of the body is made out of S.S 304 quality mate finish and the top covering is made out of S.S 316 quality mirror finish.

The hopper of the loader is fabricated and made out of S.S 304 quality the loader section is made out of brass & aluminum duly hard chrome plated & anodize with aluminum loading ring. The loader drive with the means of ½ H.P 3 phase electric motor.

The drug hopper is made out of S.S 316 quality with starrer and auger made out of S.S 316 fitted in drug hopper to fill the powder inside the empty capsule the movement of drug hopper is function with pneumatic cylinder the drug hopper drive with means of 1 H.P 3 phase electric motor and the filling table drive with means of 1 H.P gear motor 3 phase electric with variable speed drive. The closing section is operated with the means of pneumatic cylinder

The machine output with interchangeable combination with aluminum alloy loading ring as below

Capsule size	0	00	½	3/4/5
No of holes for Loading Ring	360	480	540	600
Output per hour,	21,000	26,000	32,000	35,000 app.

All the above output is depending on formulation and operator skill.

### 1) SEMI AUTOMATIC CAPSULE FILLING MACHINE DOUBLE LOADER

The machine is available with single loader in [PLC] programmable logical control system with Automatic capsule closing system suitable for filling any one size of capsule with 3 set Aluminium loading ring, 3nos extra auger, pallet filling attachment & FRL 1set

### 2) VACUUM PUMP FOR SEMI AUTOMATIC CAPSULE FILLING MACHINE.

3 h.p motor, 440 volts,50 Hz, 1440 rpm, 500 mm [20"] of Hz at 1000 Lts/min {30 cmf} 2nos



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