

# **ABOUT OUR COMPANY**

We Swisso, are support of numerous companies of several industries. We assist industries by easing their packaging work with the help of our modern machines. Our excellent and reliable machines make us stand among the most innovative and reliable manufacturers of packaging machinery market.

Though we are new, but our huge product line which includes Liquid Filling Machines, Paste Filling Machine, Batch Coding Machines, Bottle Capping Machines, Heat Sealing Machines, Granules Filling Machine, Vacuum Packing Machine, Nitrogen Flushing Machine, Pedal Heat-Sealing Machine, Horizontal Band Sealing Machines, and many others bring a large number of orders to us. We engineer machines by analyzing the latest technology and adopting the same for benefit of customers. Our machines with their power efficiency, excellent working speed and low power consumption make us stand among the most successful Manufacturers & exporters of the industry.

We also Customize Machines as per customer need to cater their special requirements.

Our customer-focused business unit renders impressive support to clients. We are providing Spare Parts, Repairing & Maintenance Services for our products after sales. These services are professionally rendered by us, ensuring the efficient working of the offered machines.

# **A - Powder Filling Machine**

### 1. SEMI AUTOMATIC POWDER FILLING MACHINE (AUGER FILLER)



| PARTICULAR           | SEMI AUTOMATIC POWDER<br>FILLING MACHINE (AUGER<br>FILLER) |
|----------------------|--|
| FILLING CAPACITY     | 10 GM - 1.0 KG   |
| HOPPER CAPACITY      | 40 KG AS PER PRODUCT                                       |
| FILLING SPEED        | 5-30 POUCH / MIN AS PER WEIGHT                             |
| FILLING ACCURACY     | 0.10 + / -   |
| MACHINE CONSTRUCTION | SS - 304   |
| POWER SUPPLY         | 230V / 50 Hz V SINGLE<br>PHASE / 3PHASE                    |
| VOLTAGE              | 2000 W   |
| НМІ                  | DELTA MAKE   |
| SERVO MOTOR          | 1.5 KW DELTA KINKO / 0.5 HP                                |
| LOADCELL CONTROLLER  | DELTA MAKE   |
| MACHINE WEIGHT       | Approx 250.00 KG   |





# **B - Paste Filling Machine**

### **1. SEMI AUTOMATIC PISTON PASTE FILLING MACHINE**





| PARTICULAR           | SEMI AUTOMATIC PISTON<br>PASTE FILLING MACHINE<br>(MODEL - 500 ML) | SEMI AUTOMATIC PISTON<br>PASTE FILLING MACHINE<br>(MODEL - 1000 ML) |
|----------------------|--|---|
| FILLING RANGE        | 10 ML - 500 ML   | 10 ML - 1000 ML   |
| AIR PRESSURE         | 0.4 - 0.6 MPA  | 0.4 - 0.6 MPA   |
| FILLING SPEED        | 07 - 08 BOTTLES / MIN  | 08-09 BOTTLES / MIN   |
| FILLING ACCURACY     | 0.5 + / -  | 0.5 + / -   |
| CONTROL MODE         | MANUAL / AUTO  | MANUAL / AUTO   |
| HOPPER CAPACITY      | 25 KG AS PER PRODUCT   | 30 KG AS PER PRODUCT  |
| MACHINE CONSTRUCTION | SS - 304   | SS - 304  |
| POWER SUPPLY         | 230V / 50 Hz   | 230V / 50 Hz  |
| VOLTAGE              | 300 W  | 300 W   |
| MACHINE WEIGHT       | Approx 21.00 KG  | Approx 22.00 KG   |



### 2. SEMI AUTOMATIC PISTON PASTE FILLING MACHINE WITH STIRRER TANK



| PARTICULAR           | SEMI AUTOMATIC PISTON<br>PASTE FILLER WITH<br>STIRRER TANK |
|----------------------|--|
| FILLING RANGE        | 10 ML - 1000 ML  |
| AIR PRESSURE         | 0.4 - 0.6 MPA  |
| FILLING SPEED        | 08-09 BOTTLES / MIN  |
| FILLING ACCURACY     | 0.5 + / -  |
| CONTROL MODE         | MANUAL / AUTO  |
| HOPPER CAPACITY      | 30 KG AS PER PRODUCT                                       |
| MACHINE CONSTRUCTION | SS - 304   |
| POWER SUPPLY         | 230V / 50 Hz   |
| VOLTAGE              | 300 W  |
| MACHINE WEIGHT       | Approx 49.00KG   |



### 1. MANUAL LIQUID FILLING MACHINE (TWO HEAD)

| PARTICULAR           | MANUAL LIQUID FILLING<br>MACHINE (TWO HEAD) |
|----------------------|---|
| FILLING CAPACITY     | 10 ML - 3500 ML                             |
| FILLING SPEED        | 5-6 BOTTLE / MIN                            |
| FILLING ACCURACY     | 0.5 + / -                                   |
| CONTROL MODE         | MANUAL / AUTO                               |
| MACHINE CONSTRUCTION | SS - 304                                    |
| POWER SUPPLY         | 230V / 50 Hz                                |
| VOLTAGE              | 200 W                                       |
| MACHINE WEIGHT       | Approx 8.00 KG                              |



# **D - GRANULES FILLING MACHINE**

### 1. GRANULES WEIGHING MACHINE 500GM



| PARTICULAR           | GRANULES WEIGHING<br>MACHINE (MODEL : 500GM) |
|----------------------|--|
| FILLING CAPACITY     | 10 G - 500 GRAM                              |
| HOPPERCAPACITY       | 7 KG AS PER PRODUCT                          |
| FILLING SPEED        | 10 - 12 POUCH /<br>MIN AS PER WEIGHT         |
| FILLING ACCURACY     | 0.5 + / -                                    |
| MACHINE CONSTRUCTION | SS - 304 (Mirror)                            |
| POWER SUPPLY         | 230V / 50 Hz                                 |
| VOLTAGE              | 300 W  |
| MACHINE WEIGHT       | Approx 11.00 KG                              |

## 2. GRANULES WEIGHING MACHINE 999GM



| PARTICULAR           | GRANULES WEIGHING<br>MACHINE<br>(MODEL : 999GM) |
|----------------------|---|
| FILLING CAPACITY     | 10 G - 999 GRAM                                 |
| HOPPER CAPACITY      | 12 KG AS PER PRODUCT                            |
| FILLING SPEED        | 10 - 12 POUCH /<br>MIN AS PER WEIGHT            |
| FILLING ACCURACY     | 0.5 + / -                                       |
| MACHINE CONSTRUCTION | SS - 304 (Mirror)                               |
| POWER SUPPLY         | 230V / 50 Hz                                    |
| VOLTAGE              | 300 W   |
| MACHINE WEIGHT       | Approx 20.00KG                                  |

## 3. GRANULES WEIGHING MACHINE 3KG & 5KG



| PARTICULAR           | GRANULES WEIGHING<br>MACHINE<br>(MODEL : 3KG) | GRANULES WEIGHING<br>MACHINE<br>(MODEL : 5KG) |
|----------------------|---|---|
| FILLING CAPACITY     | 10 G - 3000 GRAM                              | 10 G - 5000 GRAM                              |
| HOPPER CAPACITY      | 25 KG AS PER PRODUCT                          | 25 KG AS PER PRODUCT                          |
| FILLING SPEED        | 10 - 12 POUCH /<br>MIN AS PER WEIGHT          | 10 - 12 POUCH /<br>MIN AS PER WEIGHT          |
| FILLING ACCURACY     | 0.5 + / -                                     | 0.5 + / -                                     |
| MACHINE CONSTRUCTION | SS - 304 (Mirror)                             | SS - 304 (Mirror)                             |
| POWER SUPPLY         | 230V / 50 Hz                                  | 230V / 50 Hz                                  |
| VOLTAGE              | 300 W   | 300 W   |
| MACHINE WEIGHT       | Approx 29.00 KG                               | Approx 35.00 KG                               |

## E - NITROGEN FLUSHING & VACUUM MACHINE

### **1. SEMI AUTOMATIC VERTICAL BAND SEALING** MACHINE WITH NITROGEN FLUSHING

SEMI AUTOMATIC VERTICAL



| )   | PARTICULAR               | BAND SEALING MACHINE<br>WITH NITROGEN FLUSHING |
|-----|--------------------------|--|
|     | MAX SEAL LENGTH          | UNLIMITED                                      |
| 1   | SEAL WIDTH               | 10 - 12 MM                                     |
| 100 | HEATING TEMPERATURE      | 0 - 300 °                                      |
|     | MACHINE CONSTRUCTION     | SS - 304                                       |
| Ň.  | MACHINE SPEED            | 5 - 6 POUCH / MIN                              |
| 1   | AIR PRESSURE             | MAX PRESSURE 9.9 kgf / Cm                      |
|     | CONVEYOR WEIGHT CAPACITY | 3.0 KG   |
|     | POWER SUPPLY             | 230V / 50Hz                                    |
|     | VOLTAGE                  | 200 - 300 W                                    |
|     | MACHINE WEIGHT           | Approx 27.00 KG                                |



## 2. EXTERNAL (OPEN SIDE) VACUUM SEALING MACHINE



| PARTICULAR           | EXTERNAL (OPEN SIDE) VACUUM<br>SEALING MACHINE |
|----------------------|--|
| FUNCTION             | VACUUM   |
| OTHER FUNCTIONS      | NITROGEN FLUSHING   SEALING                    |
| MAX SEAL LENGTH      | 600 MM   |
| MAX SEAL THICKNESS   | 2 X 0.15 MM                                    |
| SEAL WIDTH           | 8 MM   |
| MACHINE CONSTRUCTION | SS - 304                                       |
| AIR INFLATION        | 0.8MPA   |
| AIR EXTRACTION SPEED | 6.5m <sup>3</sup> / H / 72L / mim              |
| POWER SUPPLY         | 230V / 50 Hz SINGLE PHASE                      |
| VOLTAGE              | 200 W  |
| MACHINE WEIGHT       | Approx 60.00KG                                 |



## 3. HORIZONTAL BAND SEALING MACHINE 4 IN 1



| PARTICULAR               | HORIZONTAL BAND SEALING<br>MACHINE 4 IN1                                    |
|--------------------------|---|
| FUNCTIONS                | NITROGEN FLUSHING   VACUUM   SEALING   CODING                               |
| MAX SEAL LENGTH          | UNLIMITED   |
| SEAL WIDTH               | 8 - 12 MM   |
| MACHINE CONSTRUCTION     | MILD STEEL (POWDER COATED)  |
| HEATING TEMPERATURE      | 0 - 300 <sup>0</sup>  |
| MACHINE SPEED            | 5-6 POUCH / MIN   |
| CONVEYOR WEIGHT CAPACITY | 3.0 KG  |
| DC EXCITER MOTOR         | V:220V / POWER : 100W / 2000RPM   |
| MOTOR SPEED CONTROL      | 2W / 150K   |
| ROTARY VACUUM PUMP       | 230V,50Hz, CAPACITY: 8CFM (cubic feet per minute)<br>VACUUM : 10pa (pascal) |
| POWER SUPPLY             | 230V / 50Hz - SINGLE PHASE  |
| VOLTAGE                  | 300 W   |
| MACHINE WEIGHT           | Approx 70.00 KG   |



### 4. VACUUM CHAMBER SEALING MACHINE - 2D



| PARTICULAR           | VACUUM CHAMBER SEALING<br>MACHINE - 2D    |
|----------------------|---|
| MAX SEAL LENGTH      | 400 MM                                    |
| MAX SEAL THICKNESS   | 2 X 0.15 MM                               |
| SEAL WIDTH           | 10 MM                                     |
| SEALING SPEED        | 07 - 08 POUCH / MIN (VACUUM<br>& SEALING) |
| MACHINE CONSTRUCTION | SS - 304                                  |
| POWER SUPPLY         | 230V / 50 Hz SINGLE PHASE                 |
| VOLTAGE              | 380 W                                     |
| MACHINE WEIGHT       | Approx 70.00KG                            |

### 5. TABLE TOP VACUUM CHAMBER SEALING MACHINE



| PARTICULAR           | TABLE TOP VACUUM CHAMBER<br>SEALING MACHINE |
|----------------------|---|
| MAX SEAL LENGTH      | 260 MM                                      |
| MAX SEAL THICKNESS   | 2 X 0.15 MM                                 |
| SEAL WIDTH           | 10 MM                                       |
| SEALING SPEED        | 03-04 POUCH / MIN (VACUUM &<br>SEALING)     |
| MACHINE CONSTRUCTION | SS - 304                                    |
| POWER SUPPLY         | 230V / 50 Hz                                |
| VOLTAGE              | 260 W                                       |
| MACHINE WEIGHT       | Approx 20.00 KG                             |



# **F - INDUCTION SEALING MACHINE**

### 1. MANUAL INDUCTION SEALING MACHINE



| PARTICULAR           | MANUAL INDUCTION SEALING<br>MACHINE |  |
|----------------------|-------------------------------------|--|
| MAX SEALING DIAMETER | Ø 20MM - Ø 80MM                     |  |
| OPERATION WAY        | HANDHELD                            |  |
| MACHINE CONSTRUCTION | PLASTIC                             |  |
| WORKING TEMPERATURE  | 10 ~ 40 <sup>0</sup>                |  |
| SEALING SPEED        | 09 - 10 BOTTLE / MIN                |  |
| POWER SUPPLY         | 230V / 50 Hz                        |  |
| VOLTAGE              | 200 W                               |  |
| MACHINE WEIGHT       | Approx 2.00 KG                      |  |



## 2. SEMI AUTOMATIC INDUCTION SEALING MACHINE



| PARTICULAR               | SEMI AUTOMATIC<br>INDUCTION SEALING<br>MACHINE |  |
|--------------------------|--|--|
| MAX SEALING DIAMETER     | Ø 20 MM - Ø 130 MM                             |  |
| SEALING SPEED            | 18 - 20 BOTTLE / MIN                           |  |
| BOTTLE HEIGHT            | 20MM - 280 MM                                  |  |
| CONVEYOR WEIGHT CAPACITY | 3.0 KG   |  |
| MACHINE CONSTRUCTION     | SS - 304                                       |  |
| POWER SUPPLY             | 230V / 50 Hz                                   |  |
| VOLTAGE                  | 300 W  |  |
| MACHINE WEIGHT           | Approx 22.00 KG                                |  |



# **G - SHRINK TUNNEL MACHINE**

### 1. SHRINK WRAPPING TUNNEL MACHINE



| PARTICULAR           | SHRINK WRAPPING<br>TUNNEL MACHINE |  |
|----------------------|-----------------------------------|--|
| MODEL                | SHRINK TUNNEL                     |  |
| VOLTAGE              | 220v 50 - 60Hz                    |  |
| POWER                | 7.5KW                             |  |
| CONVEYOR SPEED       | 0 - 10m / MIN                     |  |
| MACHINE CONSTRUCTION | MILD STEEL (POWDER COATED)        |  |
| TUNNEL SIZE(L*W*H)   | 800*260*140m                      |  |
| CONVEYOR LOADING     | 5KG                               |  |
| MACHINE SIZE(L*W*H)  | 1120*450*580mm                    |  |



# **H - CODING & LABELLING MACHINE**

### 1. HANDHELD INKJET BATCH CODING MACHINE



| PARTICULAR           | HANDHELD INKJ ET (BATCH)<br>CODING MACHINE |
|----------------------|--|
| NOZZLE TYPE          | THERMAL FOAMABLE HEAD                      |
| OPERATION WAY        | HANDHELD / BATTERY OPERATED                |
| POWER SUPPLY         | 230V / 50 Hz                               |
| VOLTAGE              | 50 W                                       |
| MACHINE CONSTRUCTION | PLASTIC                                    |
| PRINTING ACCURACY    | 150 DPI / 300 DPI                          |
| PRINT HEIGHT         | MINIMUM - 1MM / MAXIMUM<br>12.7MM          |
| MACHINE WEIGHT       | 0.500 GRAM                                 |
| CARTRIDGE            | HP MAKE                                    |
| USB COMPATIBLE       | YES  |
| QR CODE              | YES  |



### 2. MANUAL ROUND BOTTLE LABELLING MACHINE



| PARTICULAR             | MANUAL ROUND BOTTLE<br>LABELLING MACHINE |  |
|------------------------|--|--|
| LABEL CORE DIAMETER    | 75 MM                                    |  |
| BOTTLE DIAMETER        | 15 - 120 MM                              |  |
| LABEL SPEED            | 10 - 12 BOTTLE / MIN                     |  |
| BOTTLE WEIGHT CAPACITY | 1 KG (EMPTY BOTTLE)                      |  |
| MACHINE CONSTRUCTION   | MILD STEEL (POWDER COATED)               |  |
| LABEL WIDTH            | 10 - 110 MM                              |  |
| MACHINE WEIGHT         | 6.00KG                                   |  |



## 3. SEMI AUTOMATIC ROUND BOTTLE LABELLING MACHINE

| F |
|---|
| 1 |

| PARTICULAR             | SEMI AUTOMATIC ROUND BOTTLE<br>LABELLING MACHINE |  |
|------------------------|--|--|
| LABEL CORE DIAMETER    | 275 MM   |  |
| BOTTLE OUTER DIAMETER  | 15 - 120 MM                                      |  |
| LABEL SPEED            | 20 - 25 BOTTLE / MIN                             |  |
| BOTTLE WEIGHT CAPACITY | 1KG (EMPTY BOTTLE)                               |  |
| MACHINE CONSTRUCTION   | SS - 304   |  |
| LABEL WIDTH            | 26MM - 300MM                                     |  |
| MACHINE WEIGHT         | 24.00KG  |  |
| POWER SUPPLY           | 230V / 50 Hz                                     |  |
| VOLTAGE                | 50 W   |  |



# **I - SEALING MACHINE**

## 1. HORIZONTAL & VERTICAL BAND SEALING MACHINE





| PARTICULAR                  | HORIZONTAL BAND SEALING<br>MACHINE | VERTICAL BAND SEALING<br>MACHINE |
|-----------------------------|------------------------------------|----------------------------------|
| MAX SEAL LENGTH             | UNLIMITED                          | UNLIMITED                        |
| SEAL WIDTH                  | 10 - 12 MM                         | 10 - 12 MM                       |
| HEATING TEMPERATURE         | 0 - 300 <sup>0</sup>               | 0 - 300 <sup>0</sup>             |
| MACHINE CONSTRUCTION        | SS - 304                           | SS - 304                         |
| MACHINE SPEED               | 7 - 8 POUCH / MIN                  | 7 - 8 POUCH / MIN                |
| CONVEYOR WEIGHT<br>CAPACITY | 3.0KG                              | 3.0KG                            |
| POWER SUPPLY                | 230V / 50Hz                        | 230V / 50Hz                      |
| VOLTAGE                     | 300 W                              | 300 W                            |
| MACHINE WEIGHT              | Approx 20.00KG                     | Approx 23.00 KG                  |
|                             |                                    |                                  |





## 2.SEMI AUTOMATIC VERTICAL BAND SEALING MACHINE 25KG



| PARTICULAR               | SEMI AUTOMATIC VERTICAL<br>BAND SEALING MACHINE - 25kg |
|--------------------------|--|
| MAX SEAL LENGTH          | UNLIMITED  |
| SEAL WIDTH               | 12 - 14 MM   |
| HEATING TEMPERATURE      | 0 - 400 <sup>0</sup>                                   |
| MACHINE CONSTRUCTION     | MILD STEEL (POWDER COATED)                             |
| MACHINE SPEED            | 3 - 4 BAG / MIN  |
| CONVEYOR WEIGHT CAPACITY | 25 KG / EACH BAG                                       |
| POWER SUPPLY             | 230V / 50Hz SINGLE PHASE                               |
| VOLTAGE                  | 200 - 300 W  |
| MACHINE WEIGHT           | Approx 125.00 KG                                       |



## 3.FOOT PEDAL SEALER 450MM & 650MM



| PARTICULAR           | FOOT PEDAL SEALER - 450MM | FOOT PEDAL<br>SEALER - 650MM |
|----------------------|---------------------------|------------------------------|
| MAX SEAL LENGTH      | 450 MM                    | 650 MM                       |
| MAX SEAL THICKNESS   | 2 X 0.10 MM               | 2 X 0.10 MM                  |
| MACHINE CONSTRUCTION | ALLUMINIUM CASTING        | ALLUMINIUM CASTING           |
| SEAL WIDTH           | 8 MM                      | 8 MM                         |
| POWER SUPPLY         | 230V / 50 Hz              | 230V / 50 Hz                 |
| VOLTAGE              | 300 W                     | 300 W                        |
| MACHINE WEIGHT       | Approx 19.00 KG           | Approx 22.00 KG              |



### 4.IMPULSE HEAT SEALER 600MM & 800MM

| PARTICULAR           | IMPULSE HEAT SEALER<br>600 MM | IMPULSE HEAT SEALER<br>800 MM |
|----------------------|-------------------------------|-------------------------------|
| MAX SEAL LENGTH      | 600 MM                        | 800 MM                        |
| MAX SEAL THICKNESS   | 1 X 0.10 MM                   | 1 X 0.10 MM                   |
| SEAL WIDTH           | 3 MM                          | 3 MM                          |
| MACHINE CONSTRUCTION | CAST IRON                     | CAST IRON                     |
| POWER SUPPLY         | 230V / 50 Hz                  | 230V / 50 Hz                  |
| VOLTAGE              | 300 W                         | 300 W                         |
| MACHINE WEIGHT       | Approx 5.00 KG                | Approx 6.00 KG                |



## 5.HAND SEALER 200MM & 300MM



| PARTICULAR              | HAND SEALER - 200MM | HAND SEALER - 300MM |
|-------------------------|---------------------|---------------------|
| MAX SEAL LENGTH         | 200 MM              | 300 MM              |
| MAX SEAL THICKNESS      | 2 X 0.15 MM         | 2 X 0.15 MM         |
| SEAL WIDTH              | 6 MM                | 6 MM                |
| MACHINE<br>CONSTRUCTION | ALLUMINIUM CASTING  | ALLUMINIUM CASTING  |
| POWER SUPPLY            | 230V / 50 Hz        | 230V / 50 Hz        |
| VOLTAGE                 | 300 W               | 300 W               |
| MACHINE WEIGHT          | Approx 3.00 KG      | Approx 4.00 KG      |

# **J - BOTTLE CAPPING MACHINE**

### 1.HANDHELD BOTTLE CAPPING MACHINE



| PARTICULAR           | HANDHELD BOTTLE CAPPING<br>MACHINE |
|----------------------|------------------------------------|
| CAPPING SIZE         | 01 MM TO 40 MM                     |
| OPERATION WAY        | HANDHELD                           |
| POWER SUPPLY         | 230V / 50 Hz                       |
| VOLTAGE              | 50 W                               |
| MACHINE CONSTRUCTION | PLASTIC                            |
| CAPPING SPEED        | 12 - 15 BOTTLE / MIN               |
| MACHINE WEIGHT       | 0.500 GRAM                         |



# **BENEFITS OF USING MACHINES**

### 1. Increased Efficiency

• Automation: Machines automate repetitive tasks, reducing the need for manual labour and increasing operational efficiency.

• Consistency: Machines perform tasks with precision and consistency, minimizing errors and ensuring uniformity in output.

• Faster Processing: Machines can process tasks much faster than human workers, leading to higher throughput and reduced lead times.

#### 2. Improved Productivity

• **Higher Output:** With machines, businesses can produce more goods or services in a shorter amount of time, boosting overall productivity.

• Extended Working Hours: Machines can operate 24/7 with minimal downtime, maximizing production capacity and output.

• Task Multiplication: Machines enable workers to perform multiple tasks simultaneously, further enhancing productivity levels.

### 3. Enhanced Quality

• **Precision:** Machines perform tasks with a high accuracy, resulting in products or services of consistent quality.

• Reduced Defects: Automation minimizes human error, leading to fewer defects and rework, ultimately improving product quality.

• Quality Control: Machines can incorporate quality control measures into the production process, ensuring adherence to standards and specifications.

### 4. Cost Savings

• Labor Costs: Machines reduce the need for manual labour, saving businesses money on wages, benefits, and training.

• Operational Costs: While initial investment in machines may be high, they often result in long-term cost savings through increased efficiency and reduced wastage.

• Maintenance: Modern machines are designed to be durable and require minimal maintenance, further reducing operational costs over time.

#### 5. Safety

• **Safety Features:** Advanced machines are equipped with safety features such as emergency stop buttons and sensors to prevent accidents and ensure operator safety.

• Compliance: Using machines can help businesses comply with safety regulations and standards, avoiding fines and legal liabilities.

#### 6. Flexibility

• Versatility: Many machines are designed to perform multiple tasks or accommodate different product specifications, providing businesses with flexibility in production.

