THE QUEST FOR TOTAL PACKING SOLUTION ENDS HERE

SP AUTOMATION AND PACKAGING MACHINE

Factory: 64, Athipalayam Road, Chinnavedapatty Post, Ganapathy, Coimbatore - 641 006 Tamil Nadu, India
Ph: +91 422 4274373, 2867855
Cell: +91 98430 62378, 89400 02378
E-mail: info@technopac.net mtechnopac@yahoo.co.in info@4mtechnopac.com

Branch: No. 1, 3rd Cross, Lalbagh Road, Bangalore - 560 027 Karnataka, India
Cell: +91 97871 62378, 09739 76238

Website: www.technopac.net www.4mtechnopac.com
An Overview...

We introduce ourselves as one of the leading manufacturers and exporters of packaging machines. Our core values are intrinsic to the way we work to strive towards leadership, trust and customer loyalty. We take full advantage of our rich experience and vast knowledge to maintain and strengthen our front-runner position in the industry.

With precision and functional reliability, our products have set new benchmarks in the industry. Our network, spread around the world, enables us to respond to the customer’s needs with promptness. In order to achieve our goal of offering quality products, we concentrate on offering value-added services to our customers and satisfying emerging market needs.

Our Products

We are engaged in manufacturing various types of packing machines that are highly reliable and consistent in operation. These machines are designed and developed to suit the various requirement in pharmaceutical products, complex, customized systems, form, fill, and seal technology. Our product portfolio ranges from filling, packaging technology, for pharmaceutical products and confectionery, cosmetics to packaging solutions for bulk items (both Weigh metric & Volumetric) in the food sector, as well as for health and hygiene products. Our uniquely designed machines are simple to use and are cost effective. Made from quality raw material, these machines are manufactured with the best available Technicall know-how to update packing process and increase productivity - an burgeoning need of this competitive age. Our machines are of high efficiency and require less maintenance and offered at competitive prices.

Our Strengths...

We at SP Automation and Packing Machines work with the aim of achieving complete client satisfaction. We are a quality conscious company and assure our clients impeccable quality products that match the international market. Our strong, mutual beneficial relationship with our clients is a witness of our efficient service. Our strong team is backed by a modern infrastructure, with all the facilities that has made us capable enough to cater to each client's specific needs.

Some of our other strengths are:

Our Assurance...

Perfection is the amalgamation of outstanding quality and innovation. Our mission is to improve our quality and come out with better products for customer satisfaction - our prime concern. We are endeavoring to provide premium quality products at competitive prices. Our team of experts maintains a strict vigil on the manufacturing process to ensure the standard of excellence.

Our Facilities...

We incorporate the modern production techniques to improve the performance of our products. Utilizing new techniques, streamlining our production processes and our cutting edge research and development facilities have expanded our product range to keep up with the international trends.

After sales Service

We have an array of replacement parts to ensure the fastest possible turnaround time. To reduce the downtime to minimum level. We also taking measures including preventive maintenance program which will help to keep your operation running at the maximum.

APPLICATIONS

All kinds of fine powder / Free or non free flowing like Wheat Flour, Atta, Gram Flour, Milk powder, Curry powder, Coffee powder, Pharmaceutical and Pesticide powders, Soup mix, etc.

FEATURES

- PLC Control with Touch Screen/HMI
- Our unique mechanical design with servo drives system for film feed systems allows for accurate positioning and easy adjustment
- Self-centering paper roll/holding with pneumatic collect
- Having the alarm for no fill
- Easy Changing over for various size of paper
- Easy for cleaning
- Machine interlocking and password production

OPTIONAL

- Batch coding device (Inkjet or Hot foil coding)
- The gas flushing device
- The out take conveyor
- Check weighter and metal detector
- Screw type conveyer
- The hole puncher
- Paper cutting position and web tracking can be adjustable
- Gushing forming
- Vacuum pump in used to hold the pouch and making in to proper shape
- Ionizer to remove the static energy from the pouch so the powder without stick in to the pouch when it is filling

<table>
<thead>
<tr>
<th>VFPS</th>
<th>For Powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hopper System</td>
<td>10 Liter</td>
</tr>
<tr>
<td>Hopper Capacity</td>
<td>25 Ltr</td>
</tr>
<tr>
<td>Filling Range</td>
<td>Up to 1 KG</td>
</tr>
<tr>
<td>Filling Accuracy</td>
<td>2-1 %</td>
</tr>
<tr>
<td>Filling Speed</td>
<td>20 to 125 BPM</td>
</tr>
<tr>
<td>Power Requirement</td>
<td>10 KW</td>
</tr>
<tr>
<td>Air Requirement</td>
<td>8 Bars</td>
</tr>
<tr>
<td>Dimension - L,W, H</td>
<td>2100 X 1300 X 3000</td>
</tr>
<tr>
<td>Net Weight - Kg, Approx</td>
<td>1500</td>
</tr>
</tbody>
</table>
**APPLICATIONS**

All kinds of Granules (free or non-free flowing). Food-grains, Pulses, Seeds, Salt, Chemicals, etc.

**FEATURES**

- PLC Control with Touch Screen/HMI
- Our unique mechanical design with servo drives system for film feed systems allows for accurate positioning and easy adjustment
- Self-centering paper roll holding with pneumatic collect
- Having the alarming for no film
- Easy Changing over for various size of paper
- Easy for cleaning
- Machine inter-locking and password production.

**OPTIMAL**

- Batch coding device (Inkjet or Hot foil coding)
- The out take conveyor
- Check weigher and metal detector
- Bucket elevator
- The hole puncher
- Paper cutting position and web tracking can be adjustable
- Gusting forming
- Vacuum pump in used to hold the pouch and making in to proper shape

<table>
<thead>
<tr>
<th>VFFS</th>
<th>For Granular</th>
<th>Weigh metric / Linear</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filling System</td>
<td>Metering / Volume</td>
<td>Weigh Head</td>
</tr>
<tr>
<td>Filling Range</td>
<td>Up to 1 Kg</td>
<td>Up to 1 Kg</td>
</tr>
<tr>
<td>Filling Accuracy</td>
<td>± 0.5%</td>
<td>± 1%</td>
</tr>
<tr>
<td>Filling Speed</td>
<td>20 to 125 BPM</td>
<td>6 to 10 Bags / Head / Min</td>
</tr>
<tr>
<td>Power Requirement</td>
<td>6 kW</td>
<td>6 kW</td>
</tr>
<tr>
<td>Air Requirement</td>
<td>8 Bars</td>
<td>8 Bars</td>
</tr>
<tr>
<td>Dimension (L x W x H)</td>
<td>2100 x 1200 x 3000</td>
<td>2100 x 1200 x 3000</td>
</tr>
<tr>
<td>Net Weight (kg)</td>
<td>1500.0</td>
<td>1750.0</td>
</tr>
</tbody>
</table>

**APPLICATIONS**

Fill free flowing grains, pulses, seeds, salt, tea powder, coffee beans, nuts candies, dried fruits, small pasta pieces, food - Vegetables, snacks, pet food and namkeen etc.

**FEATURES**

- Construction made on SS 304
- Use the digital sensors to enhance speed precision and anti-jamming
- Running with high speed and high accuracy
- Controlled by system, use twin speed for linear feeds, advance technology and easy to operate
- Advanced digital signal processing and high speed and stable weighing.

<table>
<thead>
<tr>
<th>Linear Weigher</th>
<th>2 Head</th>
<th>4 Head</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filling Range</td>
<td>Up to 1000 g</td>
<td>Up to 1000 g</td>
</tr>
<tr>
<td>Filling Speed</td>
<td>25 bags / min</td>
<td>50 bags / min</td>
</tr>
<tr>
<td>Filling Accuracy</td>
<td>± 0.1 g to 2 g</td>
<td>± 0.1 g to 2 g</td>
</tr>
<tr>
<td>Air Consumption</td>
<td>6 bar</td>
<td>6 bar</td>
</tr>
<tr>
<td>Power</td>
<td>220 V / Single Phase</td>
<td>220 V / Single Phase</td>
</tr>
<tr>
<td>Preliminary Program</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Machine Dimension (L x W x H) (mm)</td>
<td>1015 x 645 x 1150</td>
<td>1010 x 1000 x 1200</td>
</tr>
<tr>
<td>Machine Weight</td>
<td>180</td>
<td>275</td>
</tr>
</tbody>
</table>
MULTIHEAD WEIGHING MACHINE

FEATURES
- Construction made on SS 304
- Use the digital sensors to enhance speed precision and anti-jamming
- Running with high speed and high accuracy
- Controlled by system, use twin speed for linear feeds, advance technology and easy to operate
- Advanced digital signal processing and high-speed, and stable weighing

APPLICATIONS
Fill free flowing grains, pulses, seeds, salt, tea powder, coffee beans, nuts, candies, dried fruits, small pasta pieces, food - Vegetables, snacks, pet food and namkeen etc.

<table>
<thead>
<tr>
<th>Weigh Heads</th>
<th>10</th>
<th>14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Speed</td>
<td>70</td>
<td>85</td>
</tr>
<tr>
<td>Hopper Capacity</td>
<td>1.3L &amp; 2.5L</td>
<td>1.3L &amp; 2.5L</td>
</tr>
<tr>
<td>Control Panel</td>
<td>7&quot; touch screen</td>
<td>10&quot; touch screen</td>
</tr>
<tr>
<td>Driving System</td>
<td>Step Motor</td>
<td>Step Motor</td>
</tr>
<tr>
<td>Material</td>
<td>SUS 304</td>
<td>SUS 305</td>
</tr>
<tr>
<td>Power Supply</td>
<td>220V/50Hz, 60Hz</td>
<td>220V/50Hz, 60Hz</td>
</tr>
<tr>
<td>Dimension in mm</td>
<td>2100 x 1350 x 3500</td>
<td>2100 x 1300 x 3500</td>
</tr>
<tr>
<td>Net Weight</td>
<td>1500 Kgs.</td>
<td>1500 Kgs.</td>
</tr>
</tbody>
</table>

FULLY AUTOMATIC MULTIHEAD VISCOUS LIQUID FILLING MACHINE

FEATURES
- PLC controlled 100 ml to 5 liters no change parts
- Quick change overs easy tool-free adjustments
- Optical kit for volumes less than 100 ml
- Volume adjustments using a high-resolution hand wheel
- One way nozzle for zero drip
- GMP standard machine made of stainless steel 304/316

APPLICATIONS
Fill Non Viscous / Viscous Products like Ghee, Creams, Lotions, Paste, Pre-cooked curries, Masala Paste, Pickles, Lubricants Oil, Edible Oil, Pharmaceuticals and Pesticides, bio chemical, agro chemical, ayurvedic liquids.

<table>
<thead>
<tr>
<th>Model</th>
<th>Viscous</th>
<th>Non Viscous</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filling Method</td>
<td>Piston system</td>
<td>Valve system</td>
</tr>
<tr>
<td>Filling Range</td>
<td>Up to 1 Lit</td>
<td>Up to 1 Lit</td>
</tr>
<tr>
<td>Filling Accuracy</td>
<td>±0.2 to ±1%</td>
<td>±0.3 to ±1%</td>
</tr>
<tr>
<td>Filling Speed / min</td>
<td>6 to 10 BPM</td>
<td>10 to 20 BPM</td>
</tr>
<tr>
<td>Power Requirement</td>
<td>440V + 37 / 220V 1Ph</td>
<td>440V + 37 / 220V 1Ph</td>
</tr>
<tr>
<td>Air Requirement</td>
<td>8 BM</td>
<td>8 BM</td>
</tr>
<tr>
<td>Dimension (LWTh)</td>
<td>1250 X 750 X 2000</td>
<td>1250 X 750 X 2000</td>
</tr>
</tbody>
</table>

OPTIONAL
- Stirrer for hopper
- Jacketed hopper with heating arrangement and temperature controller for maintaining the temperature of the product
- Conveyor attachment for mixing automatic bottle / tin / container filling line with unscrambler / turn table to feed containers automatically to auto conveyor with auto stopping & "Intelligent Filling" which activate filler only when container is present and only once per container
- Batch coding device
- Capping and Labelling
- UV treatment
- Container cleaning
FULLY AUTOMATIC PICK FILL SEALING MACHINE

APPLICATIONS
To pack any type of materials like liquid, viscous liquid, Semi solid, powder, grains with different fillers like Piston Filler, Auger Filler, Cup Filler, Linear Weigher, Multi-Head Weigher in any type of Pouch.

FEATURES
- Servo with PLC control with program storage
- Quick change over – bag, Size change usually takes 10 min or less
- No pouch or failure of pouch opening – No fill
- Positive cutoff nozzles for no drip filling
- Automatic checking: no pouch or pouch open error no fill, no seal, the pouch can be reused thus avoiding wastage of packing materials and costly product.
- Pouch loading through horizontal conveyor allowing more pouch storage at a time and accepting inferior quality pouches also.
- Lubrication-free plastic bearing for less pollution
- No oil vacuum pump, thus maintaining cleanliness in production area
- Product or pouch contact parts are stainless steel or suitable food grade materials with comply food hygienic requirements.

FULLY AUTOMATIC SINGLE HEAD POWDER FILLING MACHINE

FULLY AUTOMATIC TWIN HEAD POWDER FILLING MACHINE

FULLY AUTOMATIC SINGLE HEAD POWDER FILLING MACHINE WITH CAPPING MACHINE
Semi Automatic Powder Filling Machine

Applications

Fill Non-Free Flowing Powders, Chemicals, Pharmaceutical Powders, Food & Beverages, Cosmetics etc.

Features

- Vertically mounted Servo Motor for precise stopping of the screw rotating at high speed
- Capable of storing filling parameter for up to 100 products making selecting products - filling weighted by touch of a button provision
- Independently driven agitator
- Electrical panel with in built protective circuit
- "Self Centering Funnel" significantly reduces changeover time during cleaning, provides automatically factory setting for consistent product flow

Optional

- "Smart agitator" which stops automatically when machine is not in use for prolonged period
- Automatic bottle bin/container filling line with unscrambler / turn table to feed containers automatically to auto conveyor with auto stopping & "Intelligent Filling" which deactivates filler only when container is present and only once per container
- Screw type in feeding conveyor
- Batch coding device
- Capping and labeling machine
- Check weigher

<table>
<thead>
<tr>
<th>Model</th>
<th>PFMV - S304</th>
<th>PFMW - S304</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filling by</td>
<td>Volume</td>
<td>Weight</td>
</tr>
<tr>
<td>Filling range</td>
<td>1000-1000 gms</td>
<td>100-1000 gms</td>
</tr>
<tr>
<td>Hopper Capacity</td>
<td>25 liters</td>
<td>25 liters</td>
</tr>
<tr>
<td>Filling Accuracy</td>
<td>± 1%</td>
<td>± 1 gms</td>
</tr>
<tr>
<td>Power requirement</td>
<td>440V / 3PH optional 220V / 1PH</td>
<td></td>
</tr>
<tr>
<td>Filling Speed</td>
<td>15 to 25 per minute</td>
<td>12 to 45 per minute</td>
</tr>
<tr>
<td>Net Weight</td>
<td>250 kg</td>
<td>250 kg</td>
</tr>
<tr>
<td>Dimension (L x B x H mm)</td>
<td>1000 x 700 x 2000</td>
<td>1000 x 700 x 2000</td>
</tr>
<tr>
<td>Power Load</td>
<td>0.75 kw</td>
<td>0.75 kw</td>
</tr>
</tbody>
</table>
Semi Automatic Granule Filling Line For Pre-made Pouches

APPLICATONS
Fill Free Flowing Granules, Chemicals, Food-Grains, Pulses, Seeds, Salt, etc.

FEATURES
- Capable of filling multiple pack sizes & large product range with no change of parts.
- Automatic & friction less telescopic adjustment of cup to adjust fill volume of the cup.
- "Unipressure" product collector & product specific scrapers to achieve high accuracy.
- Using PLC for Cup drop with auto/manual dual setting to achieve pre-determined number of cups dropping into single pack.
- All contact parts made of SS304 / 316L with six / three telescopic cups.
- Automatic bottle / tin / container filling line with unscrambler / turn table to feed containers automatically to auto conveyor with auto stopping & "Intelligent Filling" which activate filler only when container is present and only once per container.
- Capacity 4 to 5 tonnes per-shift

OPTIONAL
- "Smart agitator" which stops automatically when machine is not in use for prolonged period.
- Automatic bottle / tin / container filling line with unscrambler / turn table to feed containers automatically to auto conveyor with auto stopping & "Intelligent Filling" which activate filler only when container is present and only once per container.
- Check weighter & Batch coding device.
- Capping and Labeling Machine.
- Bucket type elevator.

CONTINUOUS BAND SEALER

CBS V 910 NF

APPLICATIONS
To make hermetic seal on filled pre made pouches of heat sealable laminate or non-laminate. Widely used in Pharmaceutical, Food & Groceries, Seed Processing Unit, Chemical Industries and Automobile Spare Parts Packing.

CBS V 910

MODEL | CBS H-910 EHS | CBS V-910 / CBS-H910
---|---|---
Sealing speed | 10 - 36 m/min | 8 - 36 m/min
Heaters | 1 cartridge heater of 500W | 2 cartridge heater of 300W
Power used | 440V / 3Ø or 220V 1Ø | 440V / 3Ø or 220V 1Ø
Temperature range | 0 - 390°C | 0 - 390°C
Temperature controller | Digital | Digital
Sealing width | 3mm - 12mm | 3mm - 12 mm
Sealing property | Any heat sealable laminate / Non-laminate | Any heat sealable laminate / Non-laminate
Size of Packing Bag | 90 - 200 mm | 6 x 8 in any size
105x200mm / 150x200mm | 6 x 8 in any size
Maximum swallow thickness of laminate | Up to 200 Microns | Up to 200 Microns
Conveyor belt width | 300 mm | 220mm
Conveyor height | Adjustable up to 100 mm | Adjustable up to 500mm / 150mm
Conveyor load capacity | 15 Kilograms | 15 Kilograms
Dimensions | 2200 x 1000 x 1500 (mm) | 1750 x 750 x 1400 (mm)
| 1750 x 700 x 1200 (mm)
Net Weight | 120 kg Approx. | 115kg / 110 kg Approx.
Continuous Band Sealer

CBS H 910 EHS

CBS H 910

CBS V 910 FC

Some of our Customers are:

- Britannia
- ITC Limited
- Nestle
- Alltech
- SPAR
- P&G
- Radico
- aadin
- MURUGAPPA GROUP
- CDBI
- milma
- RKG
- Unigen
- Suguna Poultry
- Glenmark