

# STEELTECH

MANUFACTURER OF STAINLESS STEEL FOOD PROCESSING EQUIPMENTS



A Professionally managed organization; Steeltech Engineering works, is a leading manufacturer of stainless steel food processing equipments. They concentrate their research and engineering resources into developing and manufacturing, specialist types of equipment and meet specific requirements of the processing industry. It has commendable achievements in manufacturing Ayurvedic & Pharmaceutical Processing Equipments, Food & Spices Processing Equipments and Fruits & Vegetable Processing Equipments.

## OUR AIM

To understand the customer value and functional requirements to produce efficient processing equipments with integrated standard components around a co-ordinate manufacturing system.

## OUR QUALITY

Our quality assurance section monitors the production process at every stage to ensure high quality, finish and workmanship with no compromise.

## OUR FACTORY

12,000 sq. Ft. Fabrication floor equipped with the latest generation production facilities supported by well experienced work force.



## STEELTECH ENGINEERING WORKS

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# OUR PRODUCTS

01. Root Washing Machine.
02. Cereal & Spices Washing Machine.
03. Shredder-Herbs Chopping Machine.
04. Chaff Cutter
05. Disintegrator.
06. Pulverizer.
07. Double Head Pulverizer.
08. Double Stage Pulveriser.
09. Triple Stage Pulverizer.
10. Hammer Mill
11. Impact (Micro fine) Pulverizer.
12. Powdering System.
13. Closed Pulverizer.
14. Granulator.
15. Multi Mill.
16. Vibro Sifter.
17. Roasting Machine.
18. Double Cone Blender.
19. Ribbon Blender.
20. Mass Mixer.
21. Rotary Drum Cooling Machine.
22. Automatic Tablet Punching Machine.
23. Manual Capsule Filling Machine.
24. Semi Automatic Capsule Filling Machine.
25. Powder Filling Machine.
26. Induction Sealing Machine.
27. Band Sealing Machine.
28. Pouch Packing Machine.
29. Tilting Type Wet Grinder.
30. Power Ammi.
31. Pills Making Machine.
32. Tray Dryer.
33. Fruit Mill.
34. Fruit Pulper.
35. Leaf /vegetable Cutting Machine.
36. Juice Expeller
37. Double Screw Juice Expeller
38. Screw Press.
39. Hydraulic Filter Press.
40. Filter Press.
41. Jacketed Kettle
42. Jacketed Pan
43. Coiled Drug Boiler.
44. Sautiner-Lehyam Processing Equipment.
45. Vacuum Evaporator
46. Pressure Drug Boiler.
47. Thermic Fluid Jacketed Drug Boiler.
48. Lehyam/ Oil Processing Equipment
49. Distillation Equipment.
50. Cream Processing Equipment.
51. Liquid Mixing Vessel.
52. Agitator System.
53. Transfer Vessel.
54. Fermentation Vessel.
55. Colloid Mill.
56. Basket Centrifuge.
57. Micro Filter.
58. Transfer Pump.
59. Storage Tank.
60. Lehyam Filling Machine.
61. Volumetric Liquid Filling Machine.
62. Liquid Filling Tank.
63. Cap Sealing Machine.
64. Automatic Cap Sealing Machine
65. Automatic Liquid Filling & Cap Sealing Unit
66. Tube Filling Machine.
67. Batch Coding Machine.
68. Autoclave /Sterilization Unit.
69. Screw Feeder.
70. Tables, Trays & Trolleys.
71. Filter.
72. Baby Boiler.



### 01. Root Washing Machine

Root washing machine is used for cleaning medicinal roots, leaves in ayurvedic pharmaceuticals, by removing dirt, sand and other impurities. This machine is fitted with speed reduction gear box and electric motor to rotate the drum, which holds the materials for cleaning. We provide batch processing equipment and continuous processing equipment with regard to requirements.

**Available Models: SRW-50, SRW-100 & SRW-200.**



### 02. Cereal & Spices Washing Machine

Cereal/spice washing machine is used for thorough washing, soaking and draining water from spices, cereals etc. The machine is fitted with reduction gear and electric motor, which rotates the stirrers, fitted in double layered stainless steel vessel. The perforated inner vessel is the filtering vessel of discharge water and it is controlled by ball valve. Washed material can be easily collected through centre door.

**Available Models: SWM-50, SWM-100, SWM-150, SWM-250 & SWM-500.**



### 03. Herbs Chopping Machine (Shredder)

Herbs chopping machine (shredder) is used in industries which are manufacturing ayurvedic, herbal medicines or cosmetics. This machine is very effective for shredding hard, soft or fibrous raw drugs like karingali ('khadira'), devadharam ('devadaru'), raktachandanam ('raktachandana'), maramanjil ('daruharidra'), pathimugham ('padmaka'), ramacham ('useera'), kurumthotti ('bala') etc. Its beaters & sieves are made from high grade steel for better performance and efficiency.

**Available Models: STC-05, STC-10, STC-15, STC-20, STC-30 & STC-40.**



### 04. Chaff Cutter

Chaff cutter is used for cutting all kind of dry and green fodders, herbal bushes & creepers into small pieces. Power from the motor is transmitted to the cutting blades assembly. Cutting blades assembly consists of two blades which are connected in a circular frame. The blades are rotated perpendicular to the feed so as to perform the cutting operation.

**Available Models: SCC-02, SCC-05 & SCC-10.**



### 05. Disintegrator

Disintegrators are suitable for coarse cutting of herbs, coconuts, coconut shells, clay, bone & wood pieces. Liner and beaters are made in special grade steel for hardness. It made of either mild steel or in stainless steel as per requirements.

**Available Models: SDG-12, SDG-16, SDG-22, SDG-30 & SDG-42.**



### 06. Pulverizer

Pulverizer is used for pulverizing cereals, spices, herbs, chemicals etc. Toothed liner fitted inside the crushing chamber grind the material by impact shearing method. Liner and beaters are made from high grade steel, oil lubricated bearings with metal seals are used for better performance and efficiency. The machine is available in mild steel or fully/ components in contact with processing raw material are in stainless steel models.

**Available Models: SPZ-06, SPZ-08, SPZ-10, SPZ-12 & SPZ-14.**



### 07. Double Head Pulverizer

Double head pulverizer is a arrangement in which two pulverizing machines connected in a single frame with motor. Both machines can be operated independently or at a time. The machine is available in MS or in contact parts SS models.

**Available Models: SDP-10, SDP-12 & SDP-14.**



### 08. Double Stage Pulveriser

Double stage pulverizer is used for bulk volume feeding and continuous grinding of materials. It has two chambers; first for pre crushing, second for fine grinding. Water circulation provided over the fine grinding chamber to keep the chamber cool while pulverizing. The machine is available in mild steel or fully/ components in contact with processing raw material are in stainless steel models.

**Available Models: SPZ-2-12, SPZ-2-14 & SPZ-2-16.**



### 09. Triple Stage Pulverizer

Triple stage pulverizer is used for pulverizing bulk quantity of spices, cereals, herbs, minerals etc. It has three stages of pulverizing for better efficiency. Toothed liner fitted inside the crushing chambers grind the material by impact shearing method. Liner and beaters are made from high grade steel, oil lubricated bearings with metal seals are used for better performance and efficiency. The machine is available in mild steel or fully/ components in contact with processing raw material are in stainless steel models.

**Available Models: SPZ-3-20, SPZ-3-25 & SPZ-3-30.**



### 10. Hammer Mill

Hammer mill is used for powdering spices, cereals, chemicals, herbs, minerals etc from coarse to fine powder in large scale production units. Cyclone dust collector is provided to avoid pollution and easy collection of materials at discharge end. Separate motor for blower is recommended to increase efficiency and easy cleaning of the equipment.

**Available Models: SHM-12, SHM-15, SHM-20, SHM-25, SHM-30 & SHM-50.**



### 11. Impact/Micro fine Pulverizer

Impact pulverizer is used for grinding tough materials like herbs, coconut shells, stones, minerals etc. for getting a powder of fineness above 80 mesh. It has an adjustable whizzer classifier for grading the powder coarse to fine as per the requirement. It grinds with easily, economically & safely any non abrasive material hard or soft to a finest dusts up to 300 meshes.

**Available Models: SIP-08, SIP-12, SIP-15, SIP-20, SIP-25, SIP-32 & SIP-42.**



### 12. Powdering Unit

Powdering system consists of three machines mounted on a single platform driven by a single electric motor. Each machine works independently at a time, by changing its belt arrangement. Those machines are Herbs Chopping Machine (Shredder), Double Stage Pulverizer and Impact/ Micro fine Pulverizer. The raw drugs firstly feed to chopping section, if it needs. After cutting the drugs into small pieces, it can be passed to double stage pulverizer then to micro fine pulverizer as per requirement. Material of construction is generally high grade steel. Stainless steel models are available as per customer requirements.

**Available Models: SPS-10, SPS-15, SPS-20 & SPS-30.**



### 13. Closed Pulverizer

Closed pulverizer is used in spices & extracts processing plants & pharmaceuticals and chemical industries for grinding herbs & spices without any wastage of powders. It is used for grinding dried herbal extract blocks to fine powder, in tablet processing. Powder is collected in an enclosed collection vessel. It is made of high grade stainless steel and is driven by an electric motor.

**Available Models: SCP-03, SCP-05, SCP-7.5 & SCP-10.**



### 14. Granulator

Granulator is mainly used in ayurvedic & pharmaceuticals, food products, plastics and chemical industries to make moist powder materials into granule sizes or for crushing dried block stock into granules in required size. The grains to be made can be used for pressed pills, instant soluble agent, capsule etc. A wide range of screen sizes are available to match all applications. The machine is providing with suitable motor. The rotating speed of the rotor can be adjusted during operation and the sieve can be removed and remounted easily.

**Available Models: STG-03 & STG-05.**



### 15. Multi Mill

Multi mill is used for dry and wet pulverization and granulation. All contact parts made of high grade stainless steel and it can be easily dismantled and cleaned. Cylindrical screen used for higher output. Castor wheels provided for mobility. Multispeed drive provided for various products grinding. It is widely used in ayurvedic & pharmaceuticals, food processing, chemical, cosmetics, ceramics and fertilizers processing industries.

**Available Models: SMM-03 & SMM-05.**



### 16. Vibro Sifter

Vibro sifter is used for the separation of solids from solids, liquids from solids and gradation of materials in accordance with their sizes in large quantity. The machine is composed of a discharge deck, shaking chamber, coupling and base provided with vertically mounted electric motor. The deck screen may be single, double or triple with different mesh size ranging 4 to 200.

**Available Models: SVS-20, SVS-30 & SVS-40.**



### 17. Roasting Machine

Roasting machine is used for roasting powders, grains, coffee and spices. A rotating stainless steel or Aluminum drum, stirrers, driving mechanism with electric motor, firing system and a collection tray are the main parts of the system. Firing system may be LPG/ kerosene/steam/thermic fluid. Thermal insulation is providing as per requirement.

**Available Models: SRM-10, SRM-25 & SRM-60.**



### 18. Double Cone Blender

Double cone blender is used to produce homogenous mixture of two or more different types of powders. The machine is provided with stainless steel double cone vessel with an electric motor and reduction gear. Open able covers fitted at both ends allow quick feeding and discharging of the powder.

**Available Models: SDB-20, SDB-50, SDB-100, SDB-200 & SDB-500.**



### 19. Ribbon Blender

Ribbon blender is an efficient and versatile blending machine for mixing dry granules or powders homogeneously. Discharge valve provided at the bottom side at centre of the container. Multiple blades set at different angles on the horizontal shaft sweep the entire length of the mixer trough. The machine is provided with reduction gear box and electric motor.

**Available Models: SRB-50, SRB-100, SRB-250, SRB-500 & SRB-1000.**



### 20. Mass Mixer

Mass mixer is used for thorough mixing of dry or damp materials into a uniform mixture. It consists of a rigid high grade steel body carrying the main spindle sleeve on the front of which is mounted the over hung container. The tilting device provided to ease the unloading of the material. Provision is made for lubricating all moving parts and specially designed to prevent oil coming in contact with powder.

**Available Models: STM-50, STM-100, STM-200 & STM-300.**



### 21. Rotary Drum Cooling Machine

Rotary drum cooling machine is used for cooling powders and granules after heating process. It is available in different models as per requirement.

**Available Models: SPC-01 & SPC-02.**



### 22. Automatic Tablet Punching Machine.

The machine is used for making tablets by compressing the powder or granules. We specialized in designing 8 , 10, 12 or 16 station rotary tablet pressing machine according to the requirements of pharmaceutical and chemical industries.

**Available Models: STP-08, STP-10, STP-12 & STP-16.**



### 23. Manual Capsule Filling Machine

Capsule filling machine is used for manually filling the already loaded capsule with powder or granules. The machine is manufactured to suit various capsule size combinations.

**Available Models: SCF-01**



### 24. Semi Automatic Capsule Filling Machine

The Machine is suitable for filling capsules of all sizes with powder, granules and pellets. Automatic declutching of loader when loading rings are full which minimizes operator attention and ensures maximum production. Choice of four auger speed with variable speed of filling table provides flexibility to achieve accurate weight. Auto drug hopper in feed mechanism, reduces weight variation and improves productivity.



### 25. Powder Filling Machine

Powder filling machine is used for filling various powders, granules, cereals, tea dust & host of similar free flowing products. The machine is constructed on a compact mount with electronic control board for providing accurate filling process. Filling range can be varied with the help of change parts.



### 26. Induction Sealing Machine

The machine is used for capping Aluminum foil seals on all types of bottles. The advantage of this machine is that there is no surface heat transfer for sealing the caps. The machine seals using electromagnetic inductive waves. In portable models, simply by holding the cap over the bottle/jar, the cap gets sealed. Portable and continuous sealing machines are available as per customer requirements.



### 27. Band Sealing Machine

The machine is used for sealing different types of pre filled flexible bags continuously, in various industries like food processing, pharmaceuticals, chemical engineering etc. Adjustable temperature controller is provided for precision sealing. It is very compact and easy to operate, which is suitable for a wide range of material and sizes.



### 28. Pouch Packing Machine

The machine is used for packing and sealing powders, granules, pellets or cereals in pouches. Various filling range of products with accurate filling can be ensured with this machine.



### 29. Tilting Type Wet Grinder

Wet grinder is used for grinding food grains, coconuts and herbs soaked in water. It consist of stainless steel grinding drum, body, heavy duty grinding stone and is driven by an electric motor.

**Available Models: SWG-10, SWG-20, SWG-30, SWG-40 & SWG-50.**



### 30. Power Ammi

Power Ammi (Horizontal grinder) is used for grinding herbs & minerals in a traditional stone grinding method. The machine is equipped with a driving mechanism which is driven by an electric motor.

**Available Models: SPM-01, SPM-02 & SPM-04.**



### 31. Pills Making Machine

Pills making machine unit is used for precision cutting of traditional herbal pills in correct size, shape and quantity. The machine consists of six dies, extruder and a polishing arrangement. All the components in contact with processing raw material are made in stainless steel. Manual and semi automatic models are available.



### 32. Tray Dryer

Electric Tray dryer is used for drying the ayurvedic herbs, medicinal powders, tablets etc. It is also used in coconuts processing also. Machine consists of number of removable stainless steel trays for keeping material inside the dryer. Heating is controlled by electric thermostat and control panel.

**Available Models: STD-06, STD-12, STD-24, STD-48 & STD-96.**



### 33. Fruit Mill

Fruit mill is used to crushing the vegetables and fruits for pulping or juice extraction. This machine is also used for grinding spices to form paste. This machine is generally mounted on heavy MS structure with all the components in contact with processing raw material are made in stainless steel & is driven by an electric motor.

**Available Models: SFM-05, SFM-7.5 & SFM-10.**



### 34. Fruit Pulper

Fruit pulper is used to extract pulp from fruits and vegetables. This machine is also used for pepper de-skinning purpose. The machine is driven by electric motor consisting of rotary blades and scrapers along with the sieve. All the components in contact with processing raw material are made in stainless steel.

**Available Models: SFP-08, SFP-12, SFP-15 & SFP-20.**



### 35. Leaf / Vegetable Cutting Machine

Leaf/ Vegetable cutting machine is used for cutting herbal leaves and vegetables and spices into small pieces. The machine is made of high quality stainless steel, and mounded on a robust structure.



### 36. Juice Expeller

Juice expeller is used for making juice from herbal leaves, roots, coconuts, fruits etc. This replaces laborious system of manual juice making and abstracts 90% of juice. The machine consists of screw, body, collection tray, feeding bowl and is driven by an electric motor with reduction gear box. All the components in contact with processing raw material are made in stainless steel.

**Available Models: SJE-01, SJE-02, SJE-03, SJE-05, SJE-7.5, SJE-10, SJE-15 & SJE-20.**



### 37. Double Screw Juice Expeller

Juice expeller is using effectively for extracting juice from leaves, roots, juicy spices, coconuts, citrus fruits etc. The machine consists of two screws, body, collection tray, feeding bowl and is driven by an electric motor with reduction gear box. All the components in contact with processing raw material are made in stainless steel.

**Available Models: SJE-02-1.5, SJE-02-03, SJE-02-05 & SJE-02-10.**



### 38. Screw Press

Screw Press is used for continuous extraction of juice from herbs, vegetables and coconut milk from disintegrated coconut pieces using screw press technology. The residual sledge after milk extraction will be collected at one. It is also used for dewatering process in various industries.

**Available Models: SSP-01, SSP-03, SSP-05 & SSP-10.**



### 39. Hydraulic Filter Press

Hydraulic Filter press is used for extracting juice out of fruits, spices, herbs, etc. It is also used for extracting herbal oils from processed herbs. Machine consists of stainless steel perforated vessel, outer guard, collection tray two pistons and is driven by hydraulic system with power pack. The top piston is used for the extraction process, and the bottom piston is used for removing the raw materials after the extraction from the perforated drum.

**Available Models: SHP-10, SHP-15, SHP-25, SHP-50, SHP-80, SHP-150 & SHP-250.**



### 40. Filter Press

Filter press is used for extracting juice from fruits, medicinal plants, leaves, processed herbs etc. Machine consists of a stainless steel/ mild steel perforated vessel, outer guard and collection guard.

**Available Models: STH-06, STH-10 & STH-25.**



#### 41. Jacketed Kettle

Jacketed Kettle is used for preparation of herbal oils, syrup, juice, jam, ghee etc. Firing system may be steam or heated thermic fluid as per the requirement. Tilting arrangement is provided for easy transferring of materials and cleaning. Stirrer mechanism is attaching if it requires. Proper thermal insulation is provided with Aluminium or stainless steel cladding.

**Capacity Range: 50 Lts to 1000 Lts.**



#### 42. Jacketed Pan

Jacketed pan is used for the preparation of oils and lehyams in ayurvedic industries, preparation of milk products, viscous materials in food and chemical industries. Heating system may be steam or heated thermic fluid as per the requirement. Proper thermal insulation is provided with Aluminium or stainless steel cladding.

**Capacity Range: 100 Lts to 1000 Lts.**



#### 43. Coiled Drug Boiler

Coiled drug boiler is used for the boiling and concentrating processes. It is fitted with a spring type coil made of stainless steel pipe and steam or heated thermic fluid connected to the coil. A perforated basket immersed in water is used for holding the raw materials which need the boiling. Proper thermal insulation is provided with Aluminium or stainless steel cladding.

**Capacity Range: 300 Lts to 6000 Lts**



#### 44. Sautiner (Lehyam Processing Equipment)

Sautiner is used for all heat processing requirements in pharmaceuticals & food processing industries. The required heat is produced by steam or heated thermic fluid. High quality thermal insulation is providing around the vessel. Discharge valve provided on the bottom. The machine is providing with suitable electric motor and gear box mounted at bottom.

**Available Models: STS-50, STS-100, STS-250, STS-500 & STS-1000.**



#### 45. Vacuum Evaporator

Vacuum evaporator is used for concentrating useful solids available in any liquid product, by removing the waste contained in it. The evaporator takes a very special care to ensure that the original properties of the products such as flavor, taste and color are retained even after the process. It consists of all stainless steel calendria including the outside steam chamber, vapor interconnecting pipe with hold up for locking return water from condenser.

**Available Models: SVE-100, SVE-200, SVE-300 & SVE-500.**



#### 46. Pressure Drug Boiler

Pressure drug boiler is used for the preparation of decoction and syrup in ayurvedic pharmacies and chemical industries. Heating system is LPG. The vessel is mounted on heavy cast iron structure. It is attached with high pressure burner, pressure gauge, safety valve, bottom discharge valve & tilting mechanism.

**Available Models: SDB-100, SDB-200, SDB-300, SDB-500 & SDB-1000.**



#### 47. Thermic Fluid Jacketed Drug Boiler

Thermic Fluid Jacketed Drug Boiler mainly used for Dhanyamla preparation in Ayurvedic hospitals. The vessel is a jacketed kettle made of stainless steel mounted on a heavy iron structure with tilting arrangement. Its outer jacket filled with thermic fluid. The heating system provided is generally LPG burner arrangement. High quality thermal insulation is providing around the vessel.

**Available Models: SDV-100, SDV-200, SDV-300, SDV-500 & SDV-1000.**



#### 48. Lehyam/Oil Processing Equipment.-(LPG system)

The equipment is used for all heat processing requirements in pharmaceuticals & food processing industries. The stainless steel vessel is mounted on heavy structure. The required heat is produced by LPG burner system. High quality stirrer mechanism and tilting arrangement provided.

**Available Models: SPE-50, SPE-100, SPE-250, SPE-500 & SPE-1000.**



#### 49. Distillation Equipment

STEELTECH Distillation plant is used for extracting oils from herbals and spices. It consists of distillation vessel, condenser, oil water separator and interconnecting pipe fittings. It is widely used in ayurvedic, food and chemical industries.

**Capacity range: 100 ltrs to 3000 ltrs.**



#### 50. Cream Processing Equipment

Cream Processing Equipment is a jacketed vessel, made of stainless steel mounted on a heavy structure with thermostat controlled electric heating arrangement. Its outer jacket filled with thermic fluid. High quality thermal insulation is providing around the vessel.

**Processing Capacity: 50 ltrs to 500 ltrs.**



#### 51. Liquid Mixing Vessel

Mixing vessel is used in pharmaceuticals, coconut processing & chemical processing industries for various mixing purposes. It consists of a cylindrical vessel mounted on legs, with a vertically mounted agitator driven by geared electric motor. Output collection valve provided at the bottom of vessel. Material of construction is stainless steel.

**Available Models: 100 Lts to 5000 Lts.**



#### 52. Agitator System

Agitator system is a hanging type, portable mixing equipment used for mixing or stirring various kinds of liquids. It consists of a stirrer mechanism driven by an electric motor.

**Available Models:**



#### 53. Transfer Vessel

Transfer vessel is a multipurpose vessel. It is used for storing, transporting etc. It mounted on heavy duty wheels.

**Capacity Range: 100 Lts to 3000 Lts.**



#### 54. Fermentation Vessel

Fermentation vessels used for fermentation process in pharmaceutical industries. The vessel is made of high grade stainless steel. The vessel mounted on heavy legs with output collection valve provided on the bottom side of vessel. Cooling jacket provided on jacketed type fermentation vessel.

**Capacity Range: 100 Lts to 10000 Lts.**



#### 55. Colloid Mill

Colloid mill is suitable for homogenizing, emulsifying, dispersing, mixing and comminuting of liquids to highly viscous products. Heating and cooling arrangement provided during the operation. Product feed to the operating area of a rotor, having a speed of 3000 rpm by specially designed feed device. It is versatile machine for homogenizing and milling of 5 to 10 micron particle size.

**Available Models: SCM-03 & SCM-05.**



#### 56. Basket Centrifuge

Basket centrifuge is used for separating the solids & liquids by centrifugal force through a filter generally made of cloth mounted over supporting mesh, which are together supported inside the rotating basket. The centrifuge is composed of shell, dynamically balanced rotating drum, basement, transmission parts and brake component.

**Available Models: SBC-12, SBC-24, SBC-36 & SBC-48.**

**57. Micro Filter**

Micro filters used for filtering process in pharmaceuticals, coconut processing plants, milk dairies, distilleries, breweries etc. We supply a wide range of micro filters and transfer pumps according to desired capacity that are made using high quality stainless steel .

**Available Models: SMF-06, SMF-08 & SMF-12.**

**58. Transfer Pump**

Transfer pump is a stainless steel pump, which is used for transferring the liquids from one place of the processing line to another.

**59. Storage Tank**

Storage tanks are used for holding various types of liquids & powders. Its shape may be cylindrical, square or rectangular and made of high grade stainless steel.

**Capacity Range: 100 Lts to 10000 Lts.**

**60. Lehyam Filling Machine**

Lehyam filling machine is used for filling semi solid materials like lehyams, jam, sauce etc. to any container. It consists of a cyclone container, screw, discharge valve and is driven by an electric motor.

**Available Models: SLF-25 & SLF-50.**

**61. Volumetric Liquid Filling Machine**

Liquid filling machine is designed to fill various liquids such as syrups, oils, liquid soaps, beverages etc. It is very compact and occupies very little space. Containers have to place manually below the filling nozzles at platform of machine, where motor operated syringes fill desire pre-set volume in container.

**Available Models: SFM-02, SFM-04 & SFM-08.**

**62. Liquid Filling Tank**

Liquid filling tank is used for filling liquids by manually operated ball valve arrangement. The tank is made out of stainless steel.

**Capacity Range: 100 Lts to 500 Lts.**

**63. Cap Sealing Machine**

Cap sealing machine is used for sealing the bottle cap. The machine may be semi-automatic or manual. Cap sealing machine generally used in pharmaceutical, dairy, food products and chemical industries.

**Available Models: SCS-01**

**64. Automatic Cap Sealing Machine**

This machine is suitable for sealing the caps of various standard sizes and types of bottles. These machines are of roller type which is very simple to operate effectively. Manual or automatic cap loading arrangement provided as per customer requirements.

**65. Automatic Liquid Filling & Cap Sealing Unit.**

The machine is used for continuous filling of liquids in bottles and sealing its caps. The machine is capable of fixing appropriate sizes of syringes to fill the bottle of different capacities. Further, the conveyor can be adjusted to accommodate bottles of various sizes.

**66. Tube Filling Machine**

Tube filling machine suits ideal for packing ointment, gel, cream, toothpaste etc. It is simple to operate and consists of one rotating disc with interchangeable tube holding sockets for different sizes of tubes. We provide in customized designs including filling machines with automatic and semi-automatic and manual operating features.

**67. Batch Coding Machine**

Batch coding machine is used for printing statutory markings or coding on plastic or paper pouches, duplex boards, cartons, labels etc. It uses hot melt ink thus no ink spillage or over inking occurring on the printing. Photo electric sensor provided for position adjustment.

**68. Autoclave / Sterilization Unit**

Autoclave is a pressure chamber used to carry out industrial processes requiring elevated temperature and pressure different from ambient air pressure. Autoclaves are used in pharmaceuticals & food processing industries to perform sterilization.

**69. Screw Elevator**

Screw elevator forms an essential part in the movement of bulk materials suitable for a wide range of applications. It is simple & robust in design, versatile and easily maintainable. It consists of a geared electric motor, chain & sprockets on a fabricated mounting, drive arrangement oriented to meet the requirements. All the components in contact with processing raw material are made in stainless steel.

**Available Models: SSE-01, SSE-02 & SSE-03.**

**70. Tables, Trays & Trolleys.**

STEELTECH Tables are used in processing, filling and packing sections in pharmaceuticals, food products, chemical, dairy and sea food industries. Trays used in pharmaceuticals for drying tablets, powders etc. It is available in different sizes as per requirement.

**71. Filter**

STEELTECH filter is widely used for filtering liquids in ayurvedic/ pharmaceutical, food product and chemical industries. It made of stainless steel wire mesh-mesh size is carefully selected to produce an effective filtering and to suit the dimension of storage tank.

**Filter range: 40 to 100 mesh.**

**72. Baby Boiler**

Boilers are used for generating steam from any fuels. The fuel may be either diesel or fire wood. The generated steam from the boiler fed to steam jacketed vessels or steam coiled vessels through pipe lines for required process. All the chambers are hydraulically tested. It is widely used in pharmaceutical, dairy, food products and chemical industries. It is available in double stage or triple stage models.



**Steam / Thermic Fluid Jacketed pan Arrangement**



**Steam / Thermic Fluid Coiled Drug Boiler Arrangement**



**Powdering System - 3 in 1 Arrangement**



**Powdering System (SS) - 2 in 1 Arrangement**



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### **Note:**

- » Construction material for components in contact with processing raw materials is in stainless steel or other grade steels. All other parts made of cast iron or mild steel which ever meets the specification requirement.
- » All specifications mentioned in this catalogue are for guidance only.
- » We reserve the right to amend the specification without prior notice. Catalogue Ref : SEW/APE/001/018