



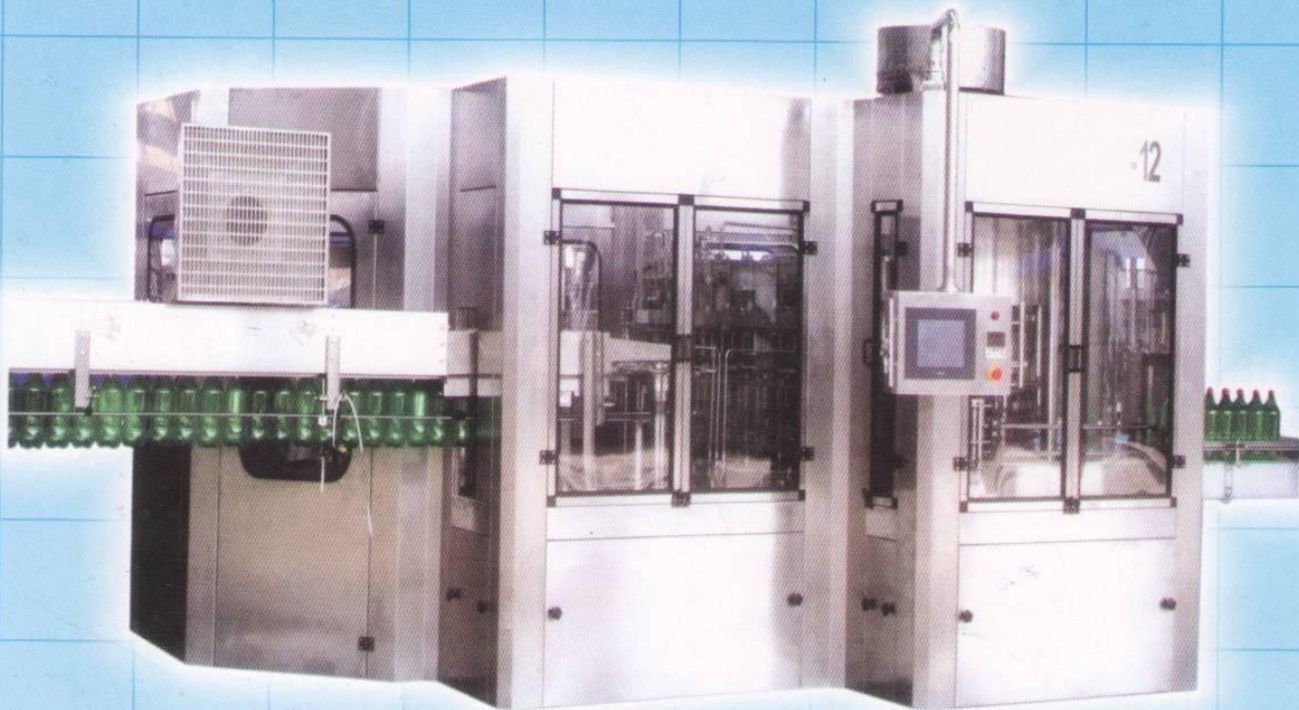
PRODUCTS PROFILE

MECHANICAL SYSTEMS

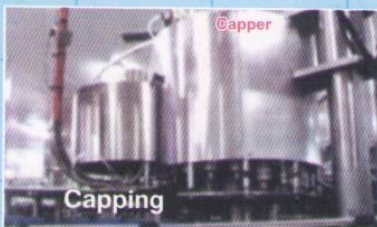
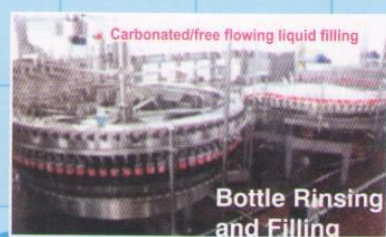
An ISO 9001:2008 Certified Company



Automatic Liquid Filling Machine for Bottles



The Automatic Filling System used for Filling Liquid in Bottles



MECHANICAL SYSTEMS

AUTO BOTTLE RINSING, FILLING AND CAPPING MACHINE THREE IN ONE (UNIBLOCK)

MSGF-50

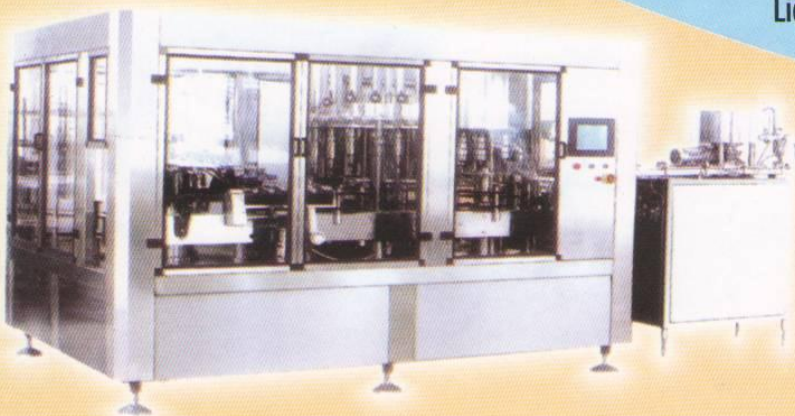
Applications: For filling Milk, Water, Fruit Juice, Liquor (any free flowing liquid) in bottles.

We manufacture machine production ranged from 24 BPM to 240 BPM with rinsing, filling and capping all in one Platform.

This Machine is fitted with Air-Conveyor for infeed & slat conveyor for out feed.

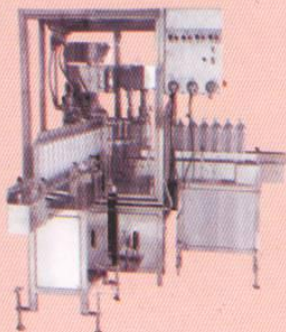
Filling System : Gravity

Capacity : 24BPM to 240 BPM



AUTOMATIC ROTARY FILLING/CAPPING MACHINE (L-Type)

MSRF-90



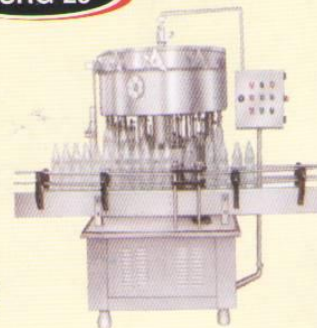
Application :
For water, milk, juice etc.
Number of filling stations :
3
Approximate Output :
30 Bottle/min
Power requirement :
2HP
Filling System :
Solenoid Valve

SEMI AUTOMATIC ROTARY COUNTER PRESSURE FILLING WITH AUTOMATIC LOADING AND UNLOADING ATTACHMENT

We manufacture machine production ranged from 24 BPM to 240 BPM with rinsing, filling capping all in one Platform. This Machine is fitted with Airconveyor for infeed & slat conveyor for out feed.

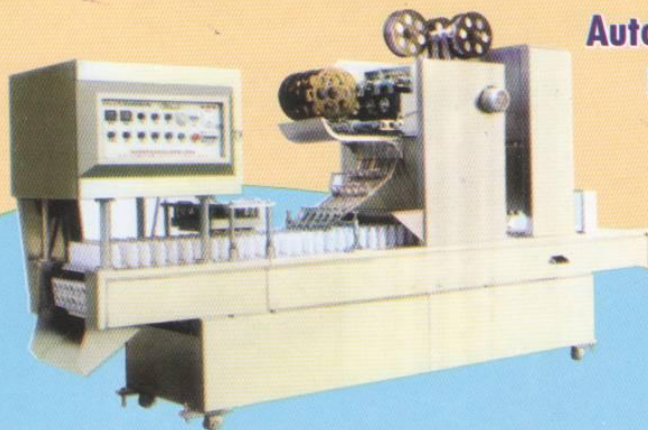
Application :
Used for filling Carbonated water in

MSRG-25



Automatic Bottle Rinsing, Filling, Aluminium Foil Cutting, Forming & Sealing Machine

MSAFS-42



This machine is widely use for filling Juices in small bottles from 100ml. to 250ml. and the output of this machine is from 24 BPM to 48 BPM.

Application : Rinsing, Filling & Aluminium Foil Cutting, Forming & Sealing

Power Requirement : 3 KVA
Filling System : Gravity

Special Purpose Machines as per customer requirements are also made.

5 Ltr., 20 Ltr. Bottling Line

This machine is suitable for 5-litre to 25-Litre water jar production, with capacity from 120b/h to 1000b/h. It can be provided with facilities like automatic cap puller, external barrel scrubber, cap elevator and heat shrinker, etc.



MSBF-60

MSBM-21



MECHANICAL SYSTEMS

AUTOMATIC BEVERAGE MIXER (Pre-Mix)

Mix CO₂ water

This machine is suitable to mix chilled water with carbon dioxide gas & syrup in a pre determined quantity and transfer the mixture to the filling machine. Machine can be made of different outputs. Material of construction Stainless Steel 304/316

MSRO-1000



RO-10001 Water Purified

We make RO water plants available from 500 litres to 25000 litres per hours depends on customers requirements.

MSLVF-30

For filling liquid in bottles mainly used in liquid.



SEMI AUTOMATIC LINEAR VACCUUM FILLER

MSSF-10

For filling CO₂ water in pet or glass bottle. 300ml to 2500ml.



SEMI AUTOMATIC LINEAR COUNTER PRESSURE FILLER

MSVL-20

For filling liquid in bottles or jar from 50ml to 1000 ml.



SEMI AUTOMATIC LINEAR VOLUMETRIC FILLER

AUTOMATIC LIQUID (POUCH) FILLING & PACKING MACHINE



Application : Suitable for packing of Milk, Water, Soyabean Milk, Fruit Juice, Beverage, Ice Drink, Soya Sauce, Vinegar and Wine etc. in pouches

MSPF-70

TECHNICAL SPECIFICATIONS :-

Output	200-2000bags/hour
Capacity	200ml-500ml can be adjust
Power	220v/380v 1.6kw
Width	320mm/240mm approx.
Weight	400kgs approx.
Size	970x870x1970mm approx.

AUTOMATIC LINEAR GRAVITY FILLER

MSGA-53

Application : Widely used for filling Mineral Water Milk, Juice Liquor, Drinks in glass/ HDPE/LDPE/PET/PVC

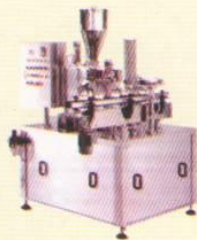
No. of Filling nozzles :
2, 4, 6
Output : 4-12 Bpm
both in foot and
Pneumatic Operated.



Special Purpose Machines as per customer requirements are also made.

MECHANICAL SYSTEMS

Automatic Rotary Type Cup/Glass Filling and Sealing Machine



MSCF-96

SPECIFICATIONS

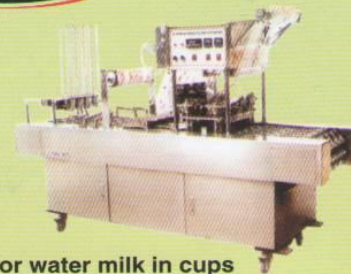
Source * 220V, 50Hz 2.5 KW
Output * 1200-2400 cup/hr
Temp * 0-300°C
Seal Material * PE, PP, PET/PE/AL
Dimension * 900 x 900 x 1400 mm approx
Weight * 300 KG approx
Mainly used for Curd, Lemon Water, & Juices etc.

AUTOMATIC CUP/GLASS, RINSING FILLING AND SEALING MACHINE

MSCRF-95

SPECIFICATIONS

Source * 220V, 50Hz 2.5 KW
Output * 1500-1800 cup/hr
Temp * 0-300°C
Seal Material * PE, PP, PET/PE/AL
Dimension * 1700 x 540 x 1400 mm
Approx Weight * 300 KG approx



For water milk in cups

AUTOMATIC JELLY FILLING AND ALUMINIUM FOIL SEALING MACHINE

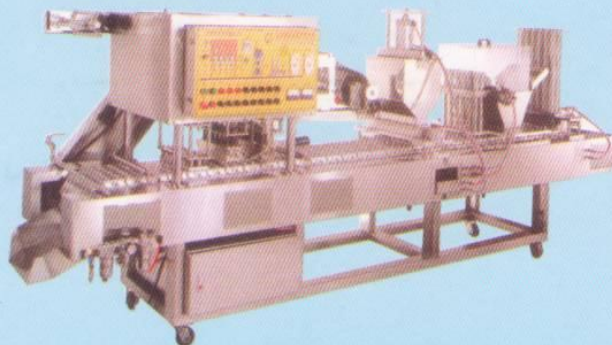
MSJFS-1000

SPECIFICATIONS :-

This machine can fill from 5 to 25 gm. of liquid or semi-liquid material, like jelly, jam, butter, honey, pickle etc.

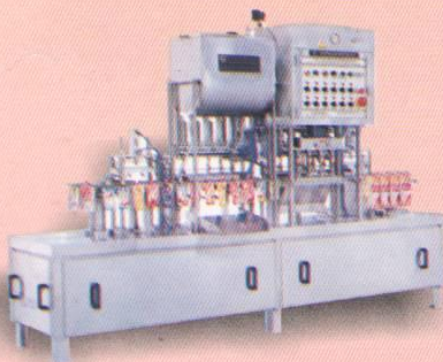
Output 5000 cups upto 25000 cups per hour.

This machine can fill, seal & cut & print batch no. in one stroke. All contact parts of the machine are made of stainless steel 304.



SELF SPOUT POUCH TYPE AUTOMATIC FILLING & CAPPING MACHINE

MSVFC-75



This machine is specially designed to fill and cap self spouting pouches.

It can fill Jelly, Milk, Juices etc. in pouches.

Loading is manual whereas unloading of pouches can be given automatic.

Technical Specifications :

Filling Capacity : 100 ml - 350 ml.
Output : 2000 Pouches/ hour
Motor : 2 H.P.
No. of filling head : 2, 4, 6
No. of capping head : 2, 4, 6

All contact parts of the machine are made of stainless steel 304.

AUTOMATIC SIX HEAD VOLUMETRIC FILLING & CAPPING MACHINE

Application :

Suitable for filling milk, juices, shampoo, Jelly, Edible & Industrial oils in bottles.

No bottle no filling device can be provided in this machine.

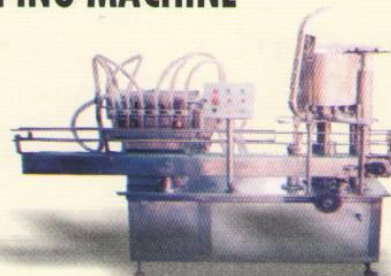
Machine is provided with diving nozzles.

All contact parts of the machine are made of stainless steel 304.

Technical Specifications :

Output : 12 -48 bottles per minute of 1 liters.
Capacity : 100 ml - 1000 ml.
Power : 440 VAC, 3 HP Motor
Weight : 600 kgs. approx.

MSVFC-65



Special Purpose Machines as per customer requirements are also made.

MECHANICAL SYSTEMS

SEMI AUTOMATIC SCREW CAPPER

MSCM-52

Application :

Used for applying caps on glass, Pet, HDPE, LDPE, PVC bottles

Approximate Output :

15 to 20 output bottles/min

Power Requirement :

1/2 HP



MSGA-55

AUTOMATIC SCREW CAPPER WITH CONVEYOR

Applications : For Capping on line with any machine

No. of Heads : 1, 3, 6, 9

Power : 1HP

Requirements



MSGP-35

Specification :-

Application : To pack Powder, Granules, Tablets, Tobacco and products like Tea, Coffee, Detergents etc. in pouches.

Generally used for filling and packing of Powder, Spices, Tea, Khaini and other granules in small range.

Overall size of the machine is 762 x 610 x 1800 mm (LxWxH)

Special Features : Photocell control system. Screw jack type adjustable disc.

Technical Specifications :

Capacity : 5gm to 1 kg.

Speed : 15 to 30 pouches per minute depends upon volume

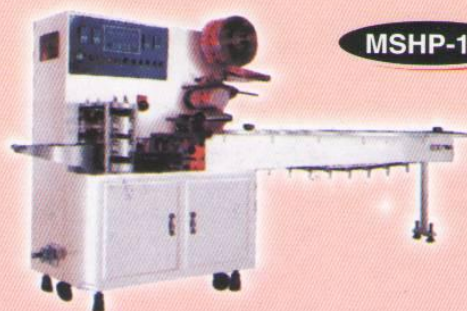
Power required : 1/2HP or 1 HP single phase A.C.

Weight : Approximate Net Weight is 350 kg. & Gross weight is 450 kg.

AUTOMATIC GRAIN PACKING MACHINE

HORIZONTAL PILLOW PACKING MACHINE

MODEL NO. - 100



MSHP-100

Application : To pack various kind of solid products such as Bread, Biscuits, Cakes, Candy, Chocolate, Ice-Disposable Syringes, Machine Parts etc.

Features : This strong & neat seam can be obtained by the use of heat pipe type and sealer, the transfer brush, discharge brush, date printer, gas setting etc. are optionally available to fit your packing needs.

Technical Specifications :

Packing Size : Length 100mm to 300 mm.

Operating Speed : Any heat sealable laminated, material

Film Width : 80m to 360 mm

Max. Film Width : 400 mm

Dimensions : 1000 x 1360 x 3000 (L x W x H)

Drive : DC 1 HP

Net weight : 700 Kg. (approx.)

Gross weight : 900 Kg. (approx.)

Power Required : Motor Load : 1 HP DC 220 V Single Phase

Heater Load : 150W x 8pcs., 300 x 2 pcs.

Oscillator : 500 W

Special Features : For size changing, variators are provided. Photocell control system provided. Coding device attachable.

Optionals : Conveyor length as per customer requirement. Automatic counter attachment for Biscuits. Automatic sizer & toffee cutter attachment for Toffee Bars.

AUTOMATIC SHRINK WRAPPING MACHINE

Specifications :-

Model : MSSW-40 (wrapper)

Power Source : 220V, 50Hz

Power : 18KW

Air Pressure : 4-6kg/cm²

Capacity : 5-10 packs/minute

Max packing size : 500mmx400mm approx (can be changed)

MSSW-40

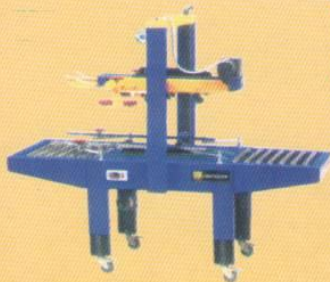


Special Purpose Machines as per customer requirements are also made.

MECHANICAL SYSTEMS

CARTOON TAPING & SEALING MACHINE

MSCS-49



This machine is used for fast production for cartoon sealing & pressing on line with filling machine.

SHRINK TUNNEL

MSST-45

This machine is a Semi Automatic for heat shrinking machine for cartoon of different sizes as by customer requirement.



MSPB-88



Semi Automatic PET Bottle Blow Moulding Machine

Features

- Built-in standard make automatic microprocessor.
- High quality cylinders and valves are standard equipment of the machine.
- Pressure adjustable value controls fast/slow mould platen opening and closing.
- The valves controls the pressure of the compressed air, excessive air is vent out through a silencer.
- Machine maintenance, testing and production have manual and semi auto mode.
- Genuine parts are used to enhance machine life.
- Specialized Heaters with directional counting for better heat transfer.
- In built cooling system for neck cooling.
- In built pipe line to control the temperature of mould by just attaching mould temper

FULLY AUTO THERMO FORMING MACHINE

With 4-columns structure, the machine has a big forming square area. It is suitable for making containers as bowl, flower pot & cup. It is a thermoforming machine by pressing the heat-sheet (PP, PS, PVC). If you want to use this machine to make ordinary cups, 3-lines mold will be fit for the machine.

Controlled by PLC, servo motors used in the sheet-feeding & pulling device, the machine has a fast speed.

MSTF-61



AUTOMATIC LOADER (BUCKET/SCREW ELEVATOR)

MSAL-62



Application : To carry the product to Machine Hopper, Speed of Elevator is synchronized with the basic/main Machine. Motor is 1/2HP, 220 V, AC.

Special Features :

Hopper capacity : 100 to 500 kg.
Elevator is controlled by automatic level control system.
Available with fully covered frame in case of powder.
Easy to clean the bottom truff by bottom opening.
All material contact parts are made of stainless steel.

Optionals :

- * Screw type Elevator also available.
- * Fully stainless steel coverings can be provided.
- * Any particulars elevator can also be made.

STRAPPING MACHINE

MSSM-63

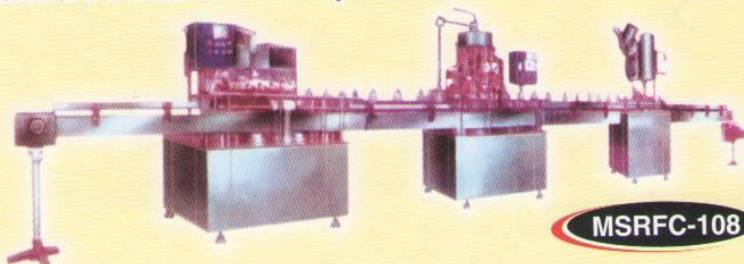


Packing Speed : 1.6 Sec./Strap
Strip Width : 6-15 mm

Special Purpose Machines as per customer requirements are also made.

MECHANICAL SYSTEMS

AUTOMATIC BOTTLE WASHING, FILLING & CAPPING MACHINE



MSRFC-108

The line applies for washing, filling and sealing all kinds of PVC, PET bottles. It also applies for producing all kinds of non-air soft drinks, such as fruit juice, fruit wine, mineral water and pure water, traditional Chinese medicine and other liquid.

AUTOMATIC MULTI PURPOSE SELF ADHESIVE LABELLING MACHINE

Specification :

Output : 60 to 80 containers/minute
 Characteristics : 230 volts A.C. 50 Hz.
 Dimensions : 1830mm (L)x1370mm (W)x1170mm (H)
 Case Dimension : 2130 mm (L)x1675mm (W)x1390mm (H)
 Container size : 25mm to 90mm width
 75mm to 250mm height
 Container Diameter : 20mm to 90 mm

MSAL-97



Automatic Visual Vial Inspection Machine

Specification :

Output : 60 to 80 containers/minute
 No. of Operator : 4
 Power Characteristics : 415 Volts, 3 Phase (4 wire system) 50 Hz.
 Machine Dimensions : 4498mm (L) x 1230mm (W) x 1265mm (H)
 Case Dimension :
 For Machine - 1 No. - 2500mm (L) x 1524mm (W) x 1500mm (H)
 For Turn Table - 2 Nos. - 1524mm (L) x 1524mm (W) x 1400mm (H)
 Input Specification : 5ml. to 30ml.

MSIM-250



Manual Vial Inspection Belt with Black and White Border

MSIBB-111



Specification :

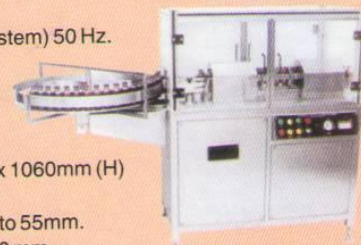
Output : 80 to 250 Approximate vials/minute.
 No. of Operator : 6
 Power Characteristics : 440 Volts, 3 Phase (4 wire system) 50 Hz.
 Machine Dimensions : 2440mm (L) x 760mm (W) x 1325mm (H)
 Case Dimension : 2616mm (L) x 915mm (W) x 1420mm (H)

Automatic Airjet Cleaning Machine Inbuilt Unscrambler of 30" Dia

MSCMU-48

Specification :

Output : 60 to 80 Container / min.
 Power Characteristics : 415 Volts, 3 Phase (4 wire system) 50 Hz.
 Machine Dimensions : 1778mm (L) x 762mm (W) x 970mm (H)
 Case Dimension : 2130mm (L) x 1060mm (W) x 1060mm (H)
 Input Specification : Container Diameter : 25mm to 55mm.
 Container Height : 45mm 130 mm.



SEMI-AUTOMATIC LABELLING MACHINE

MSLM-110



SALIENT FEATURES : It can work without any change of machine parts for different size of bottles. For metal, glass, plastic and composite containers. Work with cold glue. For face and wrap-around labelling. Especially developed to suit small productions of round-can, bottles, composite containers & cylindrical products. Cleaning of glue pan requires no time & skill.

TECHNICAL SPECIFICATIONS :

Diameter of container : 27 mm to 150 mm.
 Height of Container : 35 mm to 270 mm.
 Label Width : 25 mm to 160 mm.
 Label Length : 75 mm to 325 mm.
 Power Supply : 220 V A.C.
 Motor : 0.25 H.P.
 Speed : 30 to 35 cont./per min.
 Overall Dimensions : 800 mm (W) x 600 mm (L) x 450 (H).

INDUCTION SEALING MACHINE

MSIS-48



This machine is suitable for sealing aluminium foil (vat) on glass or pet bottles. This is very fast and efficient. It can be provided with detectors device in case the foil in the cap is missing the machine will reject the bottle automatically.

Technical Specifications :

Belt speed is maximum 80m/per minute
 Capacity : 16 ml - 60 ml. mm. diameter
 Power : 2.5 KW
 Conveyor : 8 ft. long
 Source : 220/440 volts

Special Purpose Machines as per customer requirements are also made.

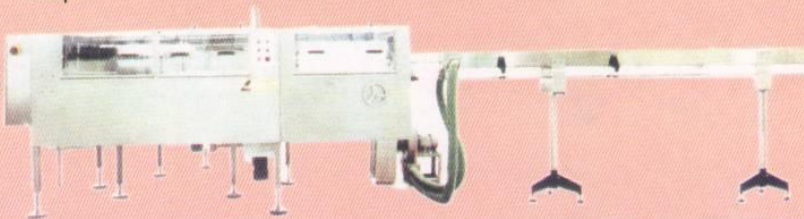
MECHANICAL SYSTEMS

CONVEYING SYSTEM



MSCSB-59

This conveying system is mainly used in bottled production line to transfer bottles to following positions: bottle washer, filler and labeler. All parts are made of stainless steel or harmless plastic material. The whole machine has performances of no toxin. No noise and pollution.



COLLOID MILL

This type of colloid mill is new type of wet ultra-micron particle processing machine. It is suitable for all milky liquids to homogenisation, emulsification and comminution. It is widely used in foodstuff, fruit catsup, fruit juice, soymilk, milk and beverage industry, as well as used in daily chemical industry, such as medicine, syrup, Sino-medicine and paste medicine. All parts touching with medium are made of stainless steel. It is an ideal machine for these industries.

MSCM-19



SYRUP FILTER PRESS

MSSF-120

This kind of filter mainly use to filter syrup to remove sundries and smell.



INK CODING MACHINE

This Coding machine is a kind of special label printing equipment, and suitable for printing labels on the surface of paper, nonferrous plastic film and aluminum foil. It adopts cantilever type mechanism, light and precise. Its lengthways-printing position is controlled by electronic device, and can be adjusted discretionarily. moreover, it uses advice and solid ink roller for printing, which has six colors for choice, such as black, red, yellow, blue, white and green, and make the printed words clearly and uneasy to erase and change.



MSSC-380

For the reason of upgradations, technical specifications are subject to change without notice.



Better Technology Keeps us ahead of others

MECHANICAL SYSTEMS

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Special Purpose Machines as per customer requirements are also made.