

HINDUSTAN TECHNOLOGY SYSTEM

Manufacturing of Metal Detector & Pharma Machineries





TABLET METAL DETECTOR

Hindustan technology system manufacturing and supplier of tablet metal detector. Tablet metal detector are used in pharmaceutical industry for tablet and capsules inspection for 5000 to 7000 tablet and capsules per minute depend on size and shape with high output throughout can be inspected.

FEATURES:

Detection Theory -Balance Coil Aperature / Tunnel size -80mm (W) ×30mm (H).

Detector Design - All Ferrous, Non Ferrous and SS particles. MOC option - SS 316 Contact parts and SS304 Non Contact parts.

Rejection Option - Rapid Flap System. Display - LCD Display with 100 product memory and 3 Level Security Code. System can be rotate 360 degree with very easy height adjustment. Non Metallic Chute made from Food Grade. Control of product effect cancellation Audio and Visual indications on detector Reject Mechanism (solenoid operations) Reject bin attach to reject mechanisms and it can be easily cleaned and washed.

Input Voltage - 230VAC/01PH/50Hz and power supply 12V.



TABLET INSPECTION MACHINE BELT & ROLLERS TYPE

Tablet inspection machines are manufacturing in Hindustan technology system are used in pharmaceutical industry for tablet and capsules for close inspection. The defected products are removed on the surface of Tablet and capsules is the best parts of this machines. Tablet inspection machines with stainless steel hopper 316 contact parts and non contact parts 304 are placed and used on the conveyor . both coated and uncoated tablet can be inspection (8.mm to 20.mm) through vibration vibratory petpetrators shoot for dust .collection are provided and dust extractor machine can also be provided. re duce guide are provided on edge conveyor to make tablet turns 130 degree of all size of tablet can be adjusted while on other sidefirst operator can inspect on front side of the tablet and second operator can inspect second side (i.e reverse) of the tablet reject bin are also provided for rejected tablet.

FEATURES:

1. All type tablet and capsules both coated and uncoated can be inspected.
2. Contact parts 316 and non contact parts 304 are variable and used .
3. On both faces tablet surfaces is completed inspected.
4. Food grade conveyor belt (color gree)
5. Magnifying lens with separate adjustable tube light stand for better viewing .
6. On edge of conveyor reduce guides are provided to make tablets turns 130 degree.
7. For rejected tablets reject bin are provided.
8. Minimum height 800 maximum height 870 adjusted + 70 mm



PACKAGING CONVEYOR

The packing conveyor is configured with the help of high quality stainless steel in accordance with the quality standards laid by the industry. It is available in varied lengths and is sophisticatedly designed in order to meet the requirement of the customers. Characteristic Features The structure of the packing conveyor belt is made of the SS 304, square pipe with the matt finish. The length of packing conveyor can be made as per the need of belt. There is a direct gear drive available in the PVC packing conveyor belt.

Height of Conveyor 860 mm to 910 mm, endless 2 ply sandwich, 2mm thickness PVC, endless 2 ply sandwich, 2mm thickness PVC, endless 2 ply sandwich, 2mm thickness

Power Characteristics : 0.5 HP/220V/50 Hz 0.5 HP/220V/50 Hz 0.5 HP/220V/50 Hz



DE BLISTERING MACHINE

De blistering machine us for pharmaceutical industry this machine us for speedy full recovery products from blister pack. 100% separation & collection of products scrap.

Tablet collection tray provided by drawer system and tablet contact parts standard steel 316 and non contact parts S.S. 304 and alluminium anodized body suitable for hard gelatin capsules.

TECHNICAL SPECIFICATION :

1. 100% separation and collection of products
2. Maximum blister width 135 mm
3. Adjustable setting for strip
4. Out put -30 to 40 blister / min manually
5. Power consumption formula 0.05 kw
6. In put supply 230v 50 hz



VIBRO SIFTER MACHINE

Hindustan technology system manufacture and supplier of vibro sifter machine used for pharmaceutical and food industry. Vibro sifter consists of gyratory screens used to separate solids from solids in coarse as well as fine sizes and liquid from solid .our vibro sifter is widely used for size separation. In food & chemical industry for gradation & separation of powder, granules, and semi solids. Contact parts are made out of S. S. 316 and non contact S. S. 304. Available vibro sifter machine double deck/ three deck.

FEATURES

- High capacity & optimum use of space
- Noiseless, maintenance free & high speed machine
- Easy for assembly & dicks assembly for cleaning & change over of screens

Compact and portable unit for easy of operations

Technical specification -Deck Model (12", 5 to 20 kg) (20", 50 to 200 kg) (30", 50 to 300 kg) (36", 300 to 400 kg) (48", 300 to 500 kg)

Motor Type Vibro: 0.25 HP 0.5 HP 1 HP /1.5 HP 2 HP

Electrical Utilities : 440 v / 50 hz / 3 ph – 4 core wire / AC

IPC CONTAINER

All model available : 50 liters to 1200 liters.

Moc . S.S. 316 contact parts and S.S. 304 non contact parts .

Quality suitable for inline process with tabletting machine



HINDUSTAN TECHNOLOGY SYSTEM
*Manufacturing of Food Industry
Machineries*



FOOD INDUSTRY CONVEYOR METAL DETECTOR



CONVEYOR SYSTEM WITH METAL DETECTOR

We manufacture and supply a quality range of Food Industry Metal Detectors for food processing industries. These metal detectors are widely used in the food processing industry for containment detection. They can be installed in every step of the production process and can be used for many different applications, e.g. for the inspection of bread and bakery products, meat and sausage product, fruit, vegetables, dairy products, spices, sugar, etc.

To fulfil the needs of our clients, we offer detectors with conveyor system in different specifications.

Feature

- Version: Digital / Analog.
- Machine type: Horizontal conveyor/ Inclined conveyor/ Z Conveyor.
- Aperture size length: 150 mm (Minimum) to 2000 mm (Maximum).
- Aperture size height: 40 mm (Minimum) to 700 mm (Maximum).
- Product size: up to 650 mm (Maximum).
- Belt width: range from 100 mm (Minimum) to 1900 mm (Maximum).
- Contamination indications : tower lamp/audio visual hooter
- Conveyor length: 1000 mm (Minimum) to 5000 mm (Maximum).
- Standard Conveyor Size: 1500 mm (L) X 700 mm (H).
- Height Adjustment: +40 mm.
- Structure : As per customer requirement (S.S / M.S)
- Reject Mechanism : Automatic rejection of contaminated products
- 1. BELT STOP.
- 2. FLAP TYPE.
- 3. PUSHER TYPE.
- 4. DIVERTER TYPE.
- 5. BLOWER TYPE.
- 6. RETRACTING TYPE.
- Customized design system as per client preferences.
- Sensitive to all Ferrous, Non Ferrous & Stainless Steel contaminate.
- Compact design
- Belt type: PU food grade, PVC and modular & Available in different size.
- Belt Colour: White, Green & Blue in colour.
- On line stability
- Finish : Matt Finish (For S.S Structure) & Powder Coating (For M.S Structure)
- Application: food industry (packaged and unpackaged products), Sea Food industry & general material handling.
- Conveyor motor: Range from 0.5 Hp. to 1.5 Hp. Motor based on Application.

FOOD INDUSTRY CONVEYOR



Z CONVEYOR / INCLINED CONVEYOR

We offer a wide range of Z-type conveyor, which are manufactured using good quality raw materials. Z Conveyor can be used for a number of product and processing line applications. These Z-type conveyors are excessively used in Quick and efficient transportation of sugar/rice/wheat/spices/dry food/sea food.

These are widely used for movement of unpacked Granular and lumpy products.

We provide 100% customized equipment. To fulfil the needs of our clients, we offer Z conveyor & Inclined Conveyor of various specifications.

Feature:-

- Type: Z Conveyor / Inclined conveyor
- Inclined Conveyor Length: - 4ft. (Minimum) to 30 ft. (Maximum).
- Z conveyor length: - 6 ft. (Minimum) to 30 ft. (Maximum).
- Belt width: 6 inch (Minimum) to 48 inch (Maximum).
- Conveyor Dimension : Design to suit the requirement of the customer
- Can work from Range 60° to 90° degree inclination
- Height Adjustment: +40 mm.
- Belt type: PU food grade, PVC and modular & Available in different size.
- Belt Colour: White, Green & Blue in colour.
- Cleat provided
- Belt Colour: White & Green in colour
- Hopper for accumulation of product will be provided.
- Product Flow: 90 kg/hr.
- Zero spillage
- Efficient
- Ease of installation
- Finish : Matt Finish (For S.S Structure) & Powder Coating (For M.S Structure)
- Conveyor Motor: Range from 1.0 hp. up to 3 hp.
- Operating Voltage: 230 VAC / 415 VAC, SINGLE / THREE PHASE, 50/60 HZ.
- Application: food industry (packaged and unpackaged products), general material handling.

These conveyors are best suitable for transferring Sugar, Seeds, Hull and other granular material for Packing or for any other process requirement.

GRAVITY FEED METAL DETECTOR



HINDUSTAN TECHNOLOGY METAL DETECTOR SYSTEM

Crafted with precision elaborate range of gravity feed metal detector. The GFMD that we manufacture using the finest quality raw material and very efficient in detecting varied metal such as Gold, Silver, Stainless Steel and many more. This detector is widely used in detecting metal contamination in dry powder, granules and free flowing product GFMD can also be installed to the pipeline. The inspection can going through the metal detector is made from polypropylene, nylon, teflon, plastic depending on the application. Metal detector diverts ferrous, non-ferrous and stainless steel passed through the mechanism contamination from the main flow.

Hindustan Gravity Feed Metal Detector refined design of automatic balance coil pri all setting up controls and permits long consistent performance.

FEATURES :

- High sensitivity to all metal rejection and 100% detection.
- Automatic rejection of contaminated products.
- Compact self design.
- Noiseless operation.
- On line stability.
- Reject confirmation.
- Available in required size.
- User friendly machine.
- Height adjustment available.

Product Application:

- Namkeen
- Dough
- Plastic
- Powder
- Pharmaceutical Chemicals
- Food Ingredients
- Rubber
- Free Flow Powder



CHAIN DRIVER SHIFTING CONVEYOR - ROLLER TYPE

HINDUSTAN TECHNOLOGY CHAIN DRIVER SHIFTING CONVEYOR - ROLLER TYPE

Chain driver roller shifting conveyor is used in transport crates and heavier application for transporting goods from one place to another. The conveyor is constructed with steel or stainless steel depending on requirement and environment. The drive is often provided with roll-on-roll loop chain.





TABLET METAL DETECTOR



TABLET INSPECTION M/C.



PACKING CONVEYOR



DE BLISTERING MACHINE



FOOD INDUSTRY CONVEYOR
METAL DETECTOR



GRANULES CHEMICAL
METAL DETECTOR



VIBRO SIFTER MACHINE



SLAT CONVEYOR BOTTLE LINE



IPC CONTAINER



HINDUSTAN TECHNOLOGY SYSTEM

Factory:

Gala no 1 AG Indl. Estate, Near Indo German Company,
Wakipada, Pazar Talaw Road. Naigaon (E) Dist.Palghar-401208.
Maharashtra, India.

Office Address:

2nd Floor, Flat No. 202, Gajanan Classic Bldg.,
Fanas Pada, Waliv, Vasai (East).
Dist - Palghar - 401208. Mumbai, Maharashtra, India