



METASIS
METASIS
EQUIPMENTS
PVT LTD

Since 2011



METASIS INTRODUCTION

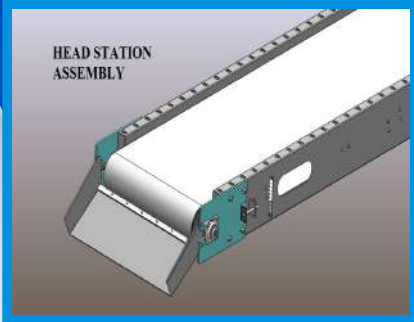
- ▶▶ Metasis Design ,Manufacture and supply Various Belt Conveyors as per Customer Requirement for all types of Industry
- ▶▶ Our Belt conveyors design are highly appreciated in market , we give 18 months warranty but if we maintain rotating part these design can work more than 25 years
- ▶▶ Our Designs are in Bolted in Construction, High Performance, Efficiency , Durable , Very easy to Maintain.
- ▶▶ We also supply all spare part required for belt conveyor Rollers, Idler, Belts ,Bearings ,Scrapper Etc

Belt Conveyor

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Belt Conveyor Consist of following assembly

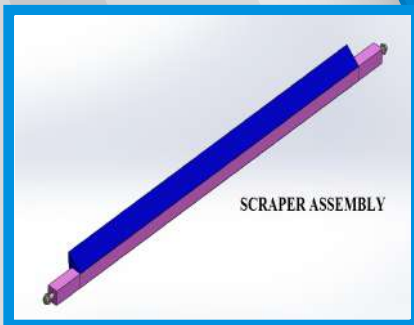
Drive Assembly / Head Station



- It Consist of Drive Roller , Bearing Block , Tensioner ,Gear motor ,idler roller ,Loading support roller for powder application etc .
- MOC MS painted ,SS 304 , SS 316, Glavanised .

Non Drive Assembly/Tail Station

- It Consist of Non Drive Roller , Bearing Block , Tensioner ,Loading support roller for powder application etc .

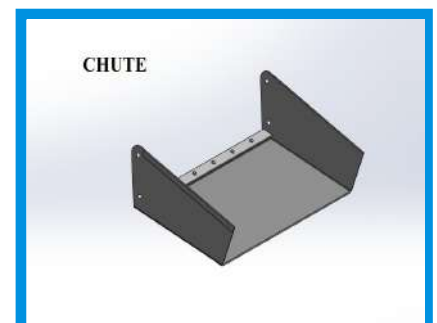


Scraper

- Scraper flap with tensioning arrangement which ensure material removal for belt .

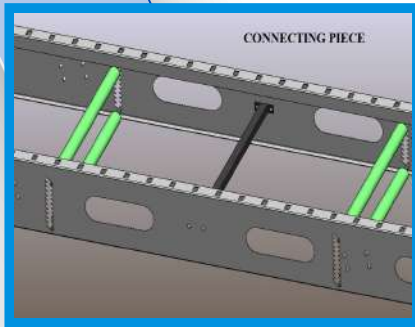
Chute

- It help to guide loading and unloading of material in conveyor , Chute angle can be adjust to maintain flow.



Belt Conveyor Consist of following assembly

Connecting Pieces



- These are Middle Pieces to ensure Exact Lengths general Sizes 1500mm stander in Length , length adjustment pieces may be from 200 mm to 1400 mm length .
- It comprises with connecting rod Idler roller, Support Roller, Drive roller , Supporting Flats.

Legs Assembly with Ball Feet

- It consist of verticle Legs we support and at bottom their will be Height Adjustment Ball Feet.
- Legs are available in Ms,ss, Aluminium Etc .

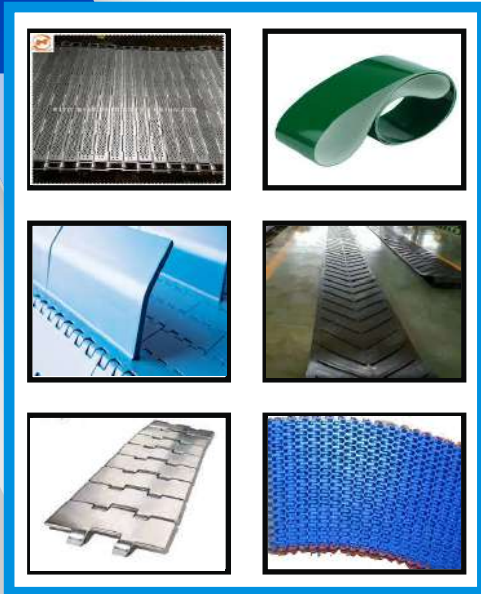


Washing Arrangement

- This arrangment is used to clean Belts whenwerver cleaning required in system usaly it required in wet material. It is with high speed nozzle.



Belt Conveyor Consist of following assembly



Belts

- Depends on application Belts are Nylon, slat conveyor, PP, PVC, Cotton, Metal slat, Modular Belt, Steel Belts.

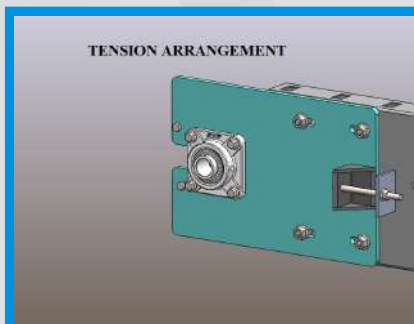
Idler & Return Idler

- It is used to support belt, while in operation these idlers are full length as per conveyor width or standard sizes.
- Types of idler depend on type of belt & type of application.



Tensioning Arrangement

- It gives tension to the belt when elongation takes place.
- Length of adjustment varies as per application's.



Industry wise Application



Food Industry

Food Industry

Food washing, Juice Processing,
Confetionery, Jam Processing,
Namkin Industry

Agriculture

Chemical Industry

Foundry

Pharmaceutical

Biocare

Fertilizer

Automobile



Automobile

Tyre

Airport

Railway Station

Public Transport

Mining



Airport

Belt Conveyor

Product wise

CHIPS & NAMKIN



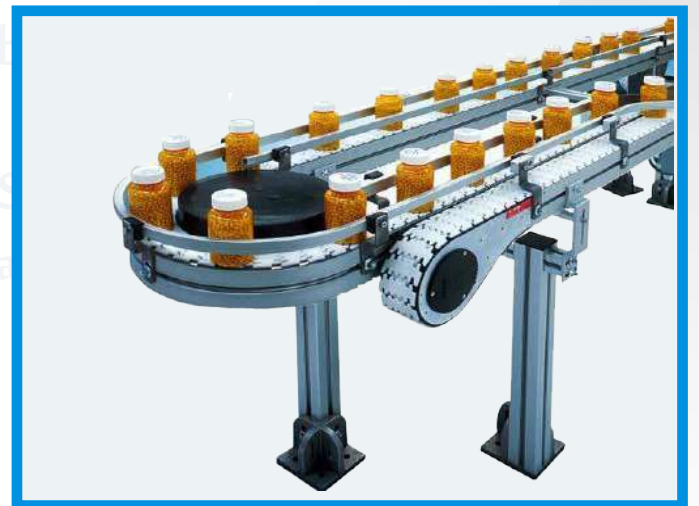
SOLID WASTE



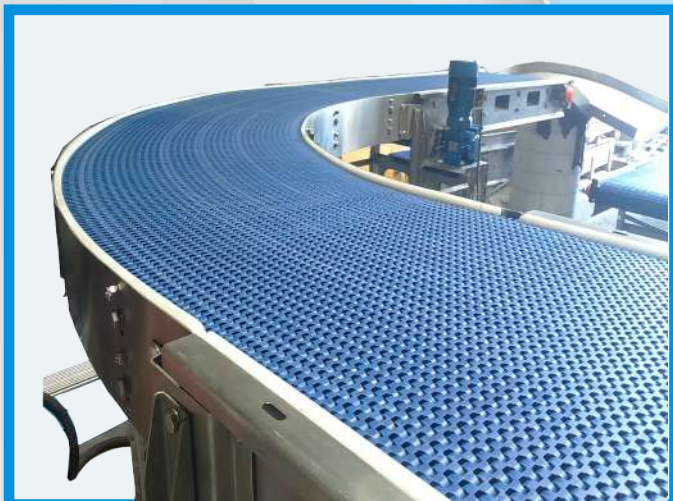
GRAIN



BOTTLING



BOX HANDLING



ALL POWDER & MINING



Belt Conveyor

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Some of Supplied Reference

SR.NO	Details of Conveyor	Year of Supply	Customer Details	Application
1.	1000 meter width 6 meter long MOC SS 304 Matt finish.	2013	Trimurti corns Agro food pvt ltd through JBT Food Tech	Food Industry (Corn Processing)
2.	Width 600 mm , Length 12 meter 1nos, 1.5 meter 1nos, 3 meter 2nos .	2013	ITC India Ltd through JBT Food Tech	Food Industry
3.	800 width 10 meter length 1 nos , 800 mm width 3 meter length 1nos.	2014	Jain Irrigation	Mango Waste Conveyor s
4.	Food washer and Fryer Conveyor 1500 mm width length (Qty 3nos)	2015	ITC India through Jbt Food tech	Chips and kurkure
5.	1000 mm width 5 meter length	2016	Mapro Food	Strawberry line
6.	Sand Belt conveyor 20M- 5 Nos, 12M- 4 nos , 5M-1nos , 4 M- 3 nos .	2018	Eirich India Pvt Ltd	Various Sands for application

OUR CLIENTS



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ION EXCHANGE
THE POWER OF CLEAN WATER
(INDIA) LTD
Total Environment Solutions




AQUAPHARM



SUDARSHAN

In the last decade till date we distributed 250+ agitators in 30+ companies.

Belt Conveyor

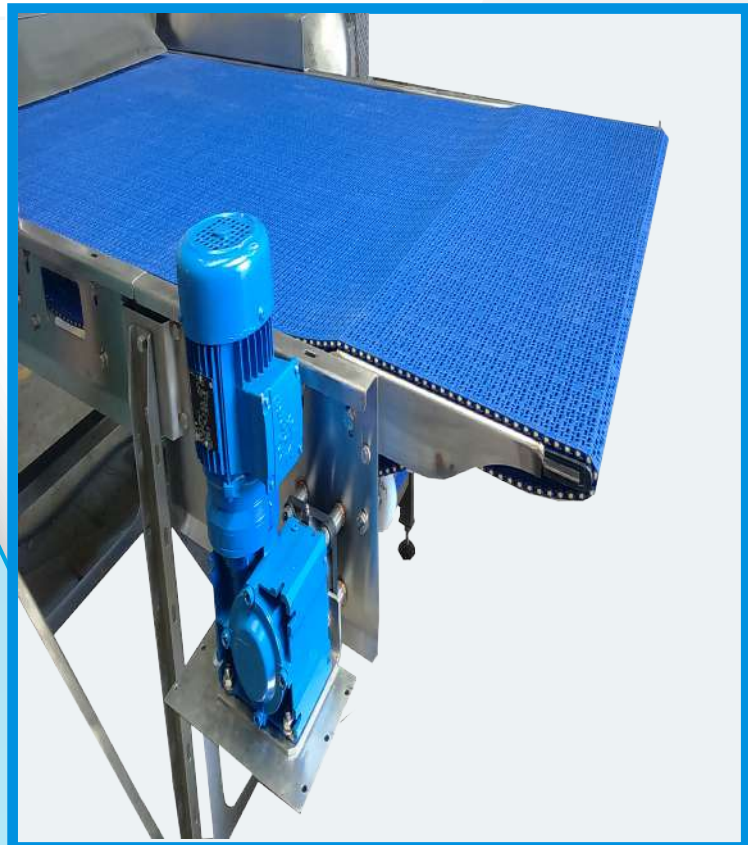
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Product's

Food Industry



Railway Station



Belt Conveyor

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METASIS

ACHIEVEMENTS

**Manufactured and Supplied 365 Meter
length conveyor (Qty 31 Nos) within 8 to 9 weeks**

120 +

**No of Supplied
Conveyors**

30m

**Maximum Supplied
Length**

**1500
mm**

Maximum Width

24 X 7

**After Sales Service
Available**

METASIS EQUIPMENTS PVT LTD

Since 2011

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