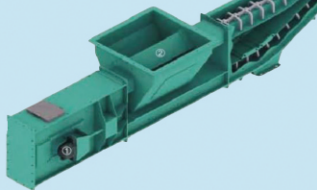




**R. M. ENGINEERING  
INDUSTRIES**  
(ISO : 9001:2015)

## ***En-Masse & Drag chain conveyor***

- Simple chain tensioning
- Hoppered Inlet
- Continuous Process high strength chain
- Integral of independently mounted drives.



We are a manufacturer & service provider for En-Masse & Drag Chain Conveyors. En-Masse & drag chain conveyors are the most efficient form of material handling for high volume conveying. These chain conveyors also provide very efficient horse power consumption keeping operating costs low. Slow moving chains in these conveyors influence the material to move gently through a closed duct in a horizontal or even in steeply inclined profiles. These can handle virtually any type of bulk material in an environmentally safe way due to its dust-light and spill proof, totally enclosed construction. These conveyors are heavy duty and of rugged construction.

Material is included to move smoothly through a slender dust-tight steel casing, horizontally, incline plane, vertically and around bends. The conveyor feeds itself at any point with uniform load. There is no internal disturbance or pressure on the material and the load can be discharged at any opening where permitted to fall away from the flights.

The material is conveyed with 'EN-masse' affect. En-masse conveyors give cost advantage due to their low power consumption, compact size & low maintenance requirements.

En-masse & Drag Chain conveyors can handle wide range of materials like Cement, Fertilizer, Sugar, Fly ash, Coal, Copper, Soda Ash, Wood-chips, Chinker dust etc.

## ***Specification***

Single strand width	200 mm to 500 mm
Double strand width	630 mm to 1300 mm
Load Depth	110 mm to 450 mm
Capacity	Upto 150 TPH
Casing MOC	MS or SS 304

## ***Application***

**Steel Sectors | Power Sectors | Cement Sectors | Food Sectors | Paper Sectors | Chemical Sectors | Sugar Sectors**

**Sponge Iron Sectors**

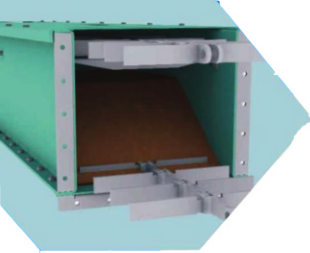


**Power Sectors**



**Steel Sectors**





## Features

- Totally enclosed casing
- Single or multiple Inlets
- Single or multiple outlets
- Requires minimum supporting structure
- Dustless
- Continuous Process high strength conveyor chain
- Integral or Independently mounted drives
- Moves materials in any direction like horizontal, vertical, inclined at any angle and minimises transfer point
- Occupies much less space than other types of conveyors
- Safety choke detector
- Low maintenance cost
- Minimises explosion hazards

## Typical Material Handled

- Cement / Raw Meal / Kiln & Clinker Dust
- Steel Plant Dust
- Coal / Fly Ash
- Sodium Sulphate
- Copper Converter Dust
- Sponge Iron
- DMT Pellets
- Soyabean Cake & Seeds
- De-oiled Cake
- Food Products
- Pharmaceuticals
- Grain

Many other powdery & granular materials

## Spare Parts

We supply and service provider for below specified spare parts

### HEAD SPROCKET

#### Material

Rim : EN 353 / EN 354

Hub : IS-2062 Gr. A

#### Notes

Operative areas of Tooth surfaces are hardened to ROCKWELL C 55 to 60

SPROCKETS can be tailor made to suit customer applications



### TRAILING WHEEL

#### Material

Rim : EN 353 / EN 354

Hub : IS-2062 Gr. A

#### Notes

Operative areas of Tooth surfaces are hardened to ROCKWELL C 55 to 60.

TRAILING WHEELS can be tailor made to suit customer applications



## Various types of Flights



Chain Link Assy



Chain Link

We supply and provide service of all types of chain links and chain links assembly as 3000, 3001, 3002, 3003, 3122 in MOC 20MnCr5 with hardness 55 to 60 HRC

Bar Flight



'T' Plate Flight



Deep 'T' Plate Flight



Digging and / or Scavenger Flight



Closed 'U' Flight



'T' Flight



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## Liners

We supply and provide service of liners such as cast basalt tiles or sailhard at the bottom and side of the conveyor and Hardox-400 for top and bottom wear strips.



Wear plates



Cast basalt lining



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