



**R. M. ENGINEERING
INDUSTRIES**

(ISO : 9001:2015)



Wet Scrapper Conveyor

We are a manufacturer & service provider for Wet Scrapper Conveyors. Normally Wet Scrapper Conveyors are widely used as dust collectors in coal mines, sugar industries, industrial furnaces and boiler bed ash etc.

We offer Wet Scrapper Conveyors which are totally enclosed fully welded construction, lead proof conveyors. Forged Chain Links are of low alloy Steel with surface hardness of 55-60 HRC. The Sprockets as well as Trailing Wheels are also manufactured out of forged construction with a hardness of 55-60 HRC. Cast Basalt Liners are provided at bottom as well as on both sides to avoid any kind of Rubbing between the scrapper flights and bottom of the conveyors.

Normally the temperature of handled material is high upto 1100 deg.C, Hence the main function of the this conveyor is to reduce temperature of handled material.

Application

- **Steel Sectors**
- **Power Sectors**
- **Chemical Sectors**

Specification

Length	3 m to 60 m
Capacity	Upto 20 TPH
Intel / Outlet	Multiple
Inclination	Max. 30o
Casting MOC	MS or SS 304

Features

- Minimum wear & tear
- Suitable for very highly abrasive material
- Useful for ash collection & disposal application
- Totally Enclosed ms casting with normal water to reduce temperature of handled material
- Easy installation and maintenance
- Low power as well as water consumption
- Continuous operation



Spare Parts

We supply and service provider for below specified spare parts.

Chain Links



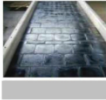
Chain Link Assy



Chain Link

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.



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 connecting pins

Headless Pin and two Circlips



Headed Pin, Collar and Pin



Headed Pin and one Circlip



Connecting Pin and snug

Can be used on 3122 chain - requires provision of keyway to all link fixing holes



Pins

- Case hardened Alloy Steel
- Surface hardness Rockwell 45 to 50 minimum
- Material EN 24

Various types of Flights

Bar Flight



'T' Plate Flight



Deep 'T' Plate Flight



Digging and/or Scavenger Flight



Closed 'U' Flight



'T' Flight



T1



T2



T3



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