

Manufacturer of :
**CONVEYORS, CONVEYOR IDLERS,
CONVEYORS CASTING CON,
HEAD PULLEY TAIL PULLEY
& ALL KIND OF STONE CRUSHER PARTS**

TURNKEY PROJECTS

- ➔ Conveyors
- ➔ Shuttle Conveyors
- ➔ Screw Conveyors
- ➔ Tripper Conveyors
- ➔ Conveyor idlers
- ➔ Conveyor Pulleys
- ➔ Rotary Feeders
- ➔ Gates
- ➔ Bag Filters
- ➔ Rice Mill Conveyors



STEEL Infra-tech India Pvt. Ltd.

INNOVATION | EXPERTISE | COMMITMENTS

Factory : Plat No, 35/B/1P,SY, No 300, Sri Venkateshwara Co-Operative .
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Welcome to Steel Infratech

Established in 2010, Steel infratech is today India's Premier manufacturer of Bulk Material Handling Equipments like Belt Conveyors and Conveyor Components like Idlers, Pulleys etc. Our unique standards in Quality, Performance and Durability have ensured that brand Steel infratech has become a symbolic mark of Reliability and Efficiency in Cement, Steel, Power, Mining and various other industries in India.

Since 2010, Steel infratech has been setting unique standards in Quality, Performance, Dependability and Durability for Bulk Material Handling Equipments used in Cement, Power Mining and other Industries.



Products



→ Belt Conveyors

Steel infratech Designs, Manufacture and Supplies various Flat and Troughed Belt Conveyors for handling of Bulk Material like Coal, Cement, Iron Ore, Clinker, Lime, Power, Fertilizers, paper etc.

We have the experience and expertise to provide "Concept to Customer" solutions in Belt conveying for various industries and applications. From very short and steep to long conveying, our conveyors can be designed to handle different terrains and tough operating conditions. We have supplied upto 4000mm wide belt conveyors and have in house design capability for conveying capacity of 10000 TPH.

Our 175 point Conveyor Design Check, ensures that the smallest aspect of conveying is factored in to ensure you have a trouble free performance and life for the conveyor.

The fact that we manufacture the Conveyor Components like idlers and pulleys also in house, ensures that the quality standards are consistent and you have a reliable partner for genuine spares and replacements in future.



→ Shuttle Conveyors

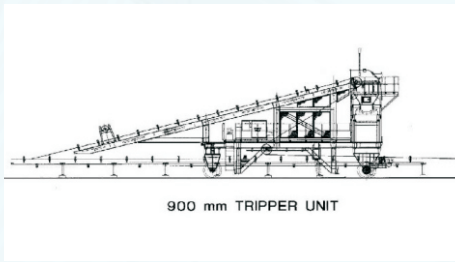
Steel infratech has specialized in manufacturing Shuttle Conveyors suitable for various application and industries. Our plant is equipped with special test beds to undertake complete assembly and trail run for the shuttle conveyor assembly. As in other conveyors, idlers, pulleys and all fabrication work is in house which ensures a quality product at most reasonable cost.



→ Screw Conveyors

Our screw conveyors are designed to ensure a sturdy pope design, minimum run out, minimum coefficient of friction, ease of maintenance and reduced power loss. The special sealing system prevents dust entry and trouble free operation. The screw flights are machine formed and are available in various configurations and thickness. The screw flights are hard faced with special electrodes to prolong its life.

We can provide screw conveyors for high temperature applications of even 1000 deg and handle all types of harsh materials also



→ Tripper Conveyors

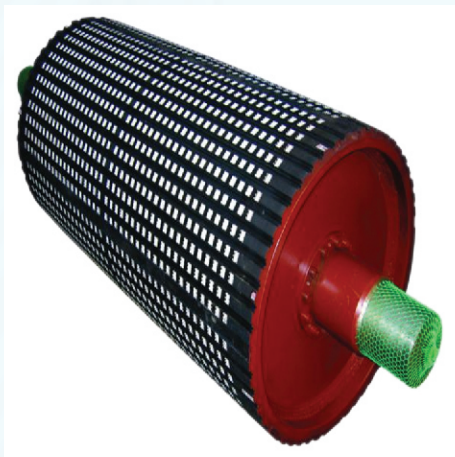
Trippers Conveyors from Steel infratech are uniquely designed and manufactured for various Belt Widths and applications. Our plant is equipped with special test beds to undertake complete assembly and trail run for the Tripper assembly.

The unique design ensures minimum erection time and integration with the belt conveyor. As in other conveyors, idlers, pulleys, and all fabrication work is in house which ensures a quality product at most reasonable cost.



→ Self aligned carrying Idlers

Idlers are the heart of a conveyor, since reliability and longer life can reduce down time for the conveyors, effect reduction in power consumption and increase belt life. Steel infratech idlers operate with very low coefficient of friction and are designed for reliable and guaranteed performance of upto 60,000 hours



→ Conveyors Pulleys

At Steel infratech, all pulleys are custom designed to suit customer's specifications and precision engineered for perfect performance. Steel infratech pulleys are suitable for continuous operation and designed as per relevant IS and other international standards.

Salient features of Steel infratech Pulleys are :

- Pulley shafts are made of C45 steel and ultrasonically tested.
- All Pulleys will be stress relieved before machining.
- Out of roundness of shaft is limited to 0.2 mm.
- Out of roundness of shell maintained to +1.5mm and face run out is limited to 1.5 mm.
- All pulleys are statically balanced.
- Pulleys provided with minimum 8mm thick fillet weld joint.
- The lagging sheets are of natural rubber and are hot vulcanized to the shell.



→ Chimneys

- **Self Supported Chimneys**
- **Guey Roop Supported Chimneys**

The chimneys will be designed by us according to customer requirement we have facility of cone development with latest technologies. We have fabricated and erected 50 mtrs height and weight 25 tonnes.



→ Impact idlers

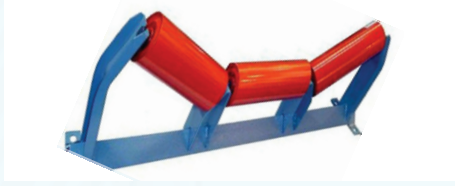
Impact idler is designed for an impact idler to absorb impact shocks at belt conveyor loading points.

The impact idler is also suitable for a snub pulley for the dirty side of the belts as well as for an impact idler for units goods conveyors.



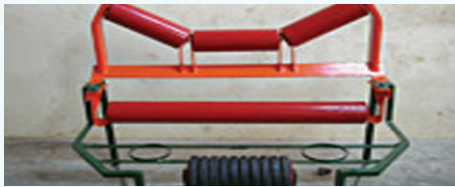
→ Return Idlers

The return idlers which carry the weight of the empty belt in the return side or the lower side of the conveyor are mostly single roller straight idler. The main dimensions of the idler are the diameter and length.



→ Carrying Idlers

Roller conveyor manufactured in gravity and powered type in inclined and horizontal position manufactured out of MS, SS and Plastic roller for heavy and light application.



→ Conveyors Idlers

We precisely design and manufacture our conveyor idler to give the maximum life under adverse operating conditions. Our exclusive range comprises of Troughing Idler, Rubber Disc Idlers, Troughing Training Idlers, Flat Belt Training Idlers and more.



→ Rotary Feeders

Steel infratech Rotary Feeders can be designed for various material and temperatures. The critical performance parameter for our feeders is the very close radial and axial tolerances maintained between the Rotor and the stator. Our design and manufacturing thus ensures minimum false air entry.

The design ensures ease of maintenance like easy replaceable blade tips, replaceable wear sleeve etc.



→ Gates

Steel infratech manufactures and specializes in the following types of gates:

- Flap Gates
- Sector Gates
- 2 way / 3 way - Diverter Gate
- 2 way / 3 way - Traveling Gate
- Manual / Slide / Rod Gates

We can design gates for most applications and materials and provide manual, pneumatic or hydraulic operation. Our gates are designed for rugged and maintenance free operation.



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