



MATERIAL HANDLING SYSTEMS

Astim Material Handling Systems offers a versatile way for handling materials of various sizes and shapes with increased capacity and low power consumption. Some of the material handling equipment in Astim design and manufacturing scope are;

- Belt Conveyors,
- Screw Conveyors with or without shaft,
- Special Handling Equipment

Astim manufactures tailor-made Belt Conveyors, Screw Conveyors, Special Screw Units and Paddle Mixers according to the requirements of the process. All material handling equipment can be furnished in a wide variety of materials to resist corrosion, abrasion and exothermic conditions; can be either in stainless steel or carbon steel with coating. Due to their compact and flexible design; they can be easily adapted to congested locations, enabling horizontal, inclined and vertical installations. Helicoid or sectional flight screws are available for light or medium weight fine, granular or flaky material handling. Also double shaft Paddle Mixers can be used in order to provide mixing or stirring of materials which are being conveyed.





Belt Conveyor used to transport screenings



Shaftless Screw Conveyor used for sludge conveying

TYPICAL APPLICATIONS

Water and Wastewater Treatment Plants

- Sludge conveying
- Screening conveying
- Sand/Grit conveying

Pulp and Paper Industry

- Transport of rejects and other solids
- Fiber transport

General Industrial Plants

- Construction industry
- Vineyards
- Sea food and fish processing
- Meat processing and slaughterhouses
- Sugar processing
- Glass, ceramics and mining industry
- Machining and metal finishing
- Composting, incineration
- Brewery industry
- Textile industry

ADVANTAGES

- Low maintenance costs
- Durable construction
- High quality and wear resistant materials
- Continuous transportation
- Ability to transport larger sized materials
- Wide function range including dewatering applications



Double Shaft Paddle Mixer

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