

Screw Conveyors

We are one of the best Screw conveyors manufacturers, exporters, and suppliers in Hyderabad, India with a wide range that is used horizontally or with a small inclination.



We build reliable products that are cheap and really useful, manufactured using advanced technology and high-quality premium accessible from our reliable market vendors. This grade is intended and constructed in accordance with industry quality standards. Our Screw Conveyors have wide acclaimed in the market, robust construction, reliable performance, advanced design, long service life, and high performance.

What is the use of screw conveyors?

A screw conveyor is a mechanism. It uses a rotating helical screw, called “flighting”, that is installed within a tube or trough, to move liquid or granular materials. .Screw conveyors are referred to as auger conveyors. In several bulk handling industries, they are used. Screw Conveyor is one of the Important Products among Mechanical Conveying Systems to convey bulk materials from one location to a different. If a revolving screw or auger within a tube or cylinder is properly, it will move water within the direction you have got chosen. Additionally, every time the screw rotates, A tube or U shaped trough acts because as the conveying surface around the auger, where powder bulk, granular, and even non-flowing material is pushed along the trough surface. In the screw conveyor’s material is fed through the inlet, passes through the conveyor via the turning auger, and is taken out via the discharge end. Screw conveyors can be designed in a horizontal, vertical, or inclined arrangement.

Types of screw conveyors

1. Horizontal screw conveyor

A horizontal screw conveyor is principally want to transfer powders to the straight aspect. In addition, it is also wide want to feed the packing machine with feed rate or level management. We make horizontal screw conveyors that are evenly spaced according to the necessity for various applications.

2. Inclined screw conveyor

The Inclined Screw Conveyor uses a machine that uses a helical blade scale to move liquids or granular materials. With robust construction and high load-supporting capability, these granular materials are created using state-of-the-art, provide precise size, and high efficiency. The major uses of these units are for transmitting low-density fluid or different semi-solid materials to certain heights.

3. Shaftless screw conveyor

A shaftless screw conveyor is employed in several applications like bulk materials discharged from centrifuges. The shaftless screw conveyor has no shaft and equips a liner inside the trough. For many difficult conveying materials, the shaftless screw conveyor is the best solution.

4. Vertical screw conveyor

In the Vertical Screw Assembly, Horizontal Screw Feeder is associated and equipped below a silo or a hopper, and as the name relevant suggests it takes the feed from it. For Vertical Screw Conveyor Horizontal Screw Feeder feeds the powder, Vertical Screw Conveyor is a tubular screw, for horizontal Screw Feeder Vertical Screw Conveyor mounted at 90 deg to convey & elevate the powder to the required height and weigh hopper it is filled into a and one or multiple silos with a distribution Screw.

Applications

screw conveyors can be found in a wide range of industries and applications, such as construction, oil, and gas, mining, chemical, pharmaceutical, plastic, food processing, and agriculture.

Categories

Horizontal screw conveyor, Inclined Screw conveyor, Manufacturing, Shaftless screw conveyor, Vertical screw conveyor

Tags

Screw conveyor india, Screw conveyor manufacturer, Screw Conveyor System, Screw conveyors in hyderabad