

## Screw Conveyor (Variable Speed)



**Product Categories:** [Engineering Equipment](#), [Mechanical Operation Lab](#)

**Product Page:**

<https://www.labappara.com/product/screw-conveyor-variable-speed/>

### Product Description

#### Screw Conveyor (Variable Speed)

The screw conveyor is one of the oldest and most versatile conveyor types. These are compact, requiring little headroom and no return mechanism. The material is also mixed as it passes through the conveyor.

Screw or helical flight conveyors consists of a steel shaft having a spiral or helical fin fastened to the shaft and rotating in a trough without touching the trough, so that the helical fin pushes the material along the trough. It is fitted with a variable speed motor. Drive with a compatible reduction gearbox to run the screw conveyor at variable speed. A RPM indicator with Proximity sensor indicates the RPM of conveyor.

#### TECHNICAL DETAIL

Trough : Material Stainless Steel

Length 750mm. (approx.)

Screw : Material Stainless Steel

Dia 75mm, Length 750mm., Pitch Scale 75mm

Central Shaft for Screw : Material Stainless Steel, Length 750mm.

Drive : Standard make FHP Motor with Drive coupled  
to Reduction Gear Box.

Feed Hopper : Suitable capacity with feed control arrangement.

Bins : 2 Nos. Collecting Bin and Distributing Bin

Special arrangement for changing the angle of inclination 0° - 30°.

Control panel Comprises of:

RPM Measurement : Digital RPM Indicator, Non Contact type with Proximity  
sensor. Standard make On/Off switch, Mains Indicator.

Instruction Manual : An ENGLISH instruction manual will be provided along  
with the

Apparatus