

Product Name :
Belt Conveyor

Product Code :
NLAB-TECHNICALAB31002



Description :

Belt Conveyor

Technical Specification :

Belt conveyor as the name suggests, consists of endless belt, suitably supported and driven, which carry or transport solids from place to place. Belts are made of either canvas, reinforced rubber or strip steel etc. Belt conveyors are adopted to wide varieties and quantities of material, require relatively low power, and can transport solid for long distances.

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Experimentation:

To study the working of a Belt Conveyor.

To study the effect caused by changing the angle of inclination.

Utilities Required :

Material for Feed.

Electric Supply : Single phase, 220 V AC, 1 kW.

Floor Area 1 m x 1 m

Technical Details:

Belt: Material Nylon./Synthetic Width 200mm, Length 1500mm.

Drive for conveyor: ½ HP motor coupled to Reduction Gear Box.

Bins: 2 Nos. Collecting Bin and Distributing Bin

Control Panel Comprises of:

Standard make On/Off switch, Mains Indicator etc.

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

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