

Abstract:

The present dissertation is titled “Design belt conveyor and an incline screw” took place during 7th and 8th semester of my studies. The aim of the present project is to design two belt conveyors to transfer sand and cement respectively. Furthermore an incline screw conveyor must be designed to mix sand and cement and transfer them in a height. The project was designed with an economic and also ergonomic side of view.

Firstly a short introduction about the two mechanical systems will be made, so the reader will be aware of the project components and function. Also follow step by step the process for the design. At the end there are all the part's drawings with their real dimensions.