

H. T. I.

**MECHANICAL ENGINEERING COURSE
DIPLOMA PROJECT**

**DESIGN OF A CABLE-CONVEYOR
FOR GRAPES TRANSPORTATION**

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DESIGN OF A CABLE CONVEYOR
FOR GRAPES TRANSPORTATION

Project report submitted by
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Project

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of

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ABSTRACT

This project deals with the design of a cable conveyor for the transportation of grapes regarding:

- (a) The selection of as many pieces as possible from standards tables
- (b) The selection of the most suitable equipment and accessories for the design of the conveyor
- (c) The illustration of the various kinds of cable conveyors and give the reason for the one we selected to design
- (d) The determining of the components material and taking provisions so that material is capable enough (by conducting strength analysis) for the job we assigned to it
- (e) The costing of the overall project i.e cost of materials used as well as labour involved in order to carry out the design from paper to real life

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