

HIGHER TECHNICAL INSTITUTE

MECHANICAL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

DESIGN OF A PORTABLE HAND LIFT TRUCK

M/671

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Summary

The design of a hand lift truck by Charis Kourtellias.

The project considers the design of a hand lift truck for lifting weights up to 200kg to heights with in the range of 1,5 to 5 m.

Selection procedures were executed were it was available from the research dutce. For a lot of items it was difficult to discover all ready manufactured products and the design it was based on ISO and BS standards. Also the cost estimated of the machine it was accomplished rather roughly because the proper estimated cost should arise a huge amount of calculations and research.

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