HORIZONTAL HYDRAULIC EMBOSSING MACHINE

Sponsored By K.S.C.S.T.

A Project Report

Submitted in partial fulfillment of the requirements for the award of the Degree of Bachelor of Engineering of the Visvesvaraya Technological University, Belgaum

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ABSTRACT

Increasing productivity & reduction in cycle time is one of the major concerns in today's industrial era. The foot ring strips of domestic LPG cylinders are considered as major part of study. Whole weight of cylinder is supported by the foot ring.

Design & fabrication of horizontal hydraulic embossing machine for foot ring of LPG cylinder will provide reduction in cycle time of thirty minutes. The project includes the detailed calculation & analysis of various parts that are fabricated. The prototype model provides the actual working of horizontal embossing machine.

The project results in:

- Increased productivity
- Reduced set up time
- Reduced throughput time
- Reduced cycle time
- Easy to operate