

AUTOMATIC LABEL DISPENSER

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ABSTRACT

The title of my project is known as Automatic Label Dispenser. Automatic label dispenser is a device that applies the concepts of gear, belt drives, motor, and basic electrical which can peel variable size rolls of label automatically. This machine is designed for office use and light industrial applications especially for electronic products. With the aid of this machine, it will reduce the time and work to peel the label from the roll, hence the workers just have to 'take and paste' for the labeling part of the production line in a factory instead of wasting time to peel off the label manually. It is affordable, light, and compact yet no maintenance required compared to those huge labeling machines.

The specific requirement of this project range from the basic knowledge of electrical, the alignment and design of every component on the mechanical portion of the machine and the technique of assemble so that it can operate in its best condition. Apart from that, a good master in AutoCAD skills is also an important task to complete the project.