

PLC BASED PACKAGING SYSTEM

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ABSTRACT

This project is going to introduce about my final project which is the PLC based packaging system or generally it is also known as an automatic packaging machine which is under control of the Programmable Logic Controller (PLC). PLC is a digital electronic apparatus with a programmable memory for storing instructions to implement specific functions such as logics, sequence, timing and arithmetic to control machines and processes.

The idea of this packaging system is very simple, when an empty cup is placed on the conveyor, it will pass through 2 positions which are position 1 and position 2. After passing through these 2 positions, the cup will be filled with 3 balls and also covered properly. The idea of this particular machine is similar and only a basic idea to those packaging machines in big factories.