

Automatic Tube Loading System to Grinding Machine

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Abstract: *Conveyer belt is the boon to the automation technology. For the manufacturing process of any product using automation, conveyer belt plays an important role. Conveyer belts are rolled with the help of the motor whose speed is controlled using traditional methods or by using a PLC. This project emphasis on the monitoring and controlling the quality of the product which is being manufactured on the conveyer belt. With the help of sensors the quality parameters are monitored and fed to the programmable logic controller (PLC). PLC is composed of a microprocessor. A power supply and input l output units. As the parameters of a product are monitored and controlled during its process, eventually the quality of the product is incremented, and the quality check of a product can also be skipped.*

Keywords: Power supply, motor, AC-DC, PLC

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