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25 PROJECT

DESIGN AND FABRICATION OF AUTOMATED PAPER BAG MAKING MACHINE



Using carry bags has become a very convenient way to carry our shopping and it is very useful for packing small quantities of things. The most well-known form of such carry bags is the plastic bag. Despite all the well-known hazards of plastic pollution, the use of plastic is prevalent and all-pervasive in India. Plastic bags are one of the worst and totally avoidable pollutants of the earth. Plastic bags are used on a large scale by ^{Bharath} consumers, for the simple reason that they are cheaper than paper, cloth or other eco-friendly bags. Our Project is about automating paper bag production, to make the paper bag a viable alternative to plastic bags.

Features:

- The Project involves the design and development of a machine to automate the procedure of paper bag production, so as to make it cost less compared to plastic bags. In turn, the production rate of paper bags will be accelerated, fulfilling the ever-increasing demand for carry bags.
- Our Project works on the application of a microcontroller-based design approach, which keeps the cost of the system significantly low, compared to PLC based designs.