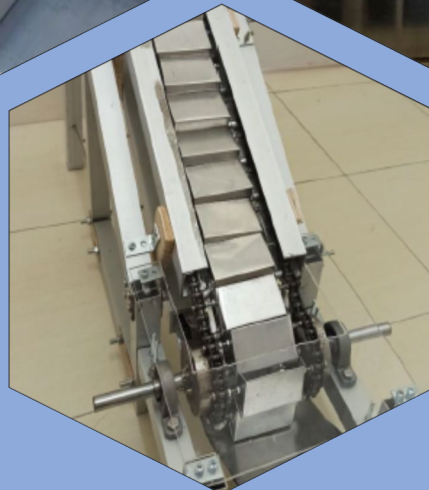
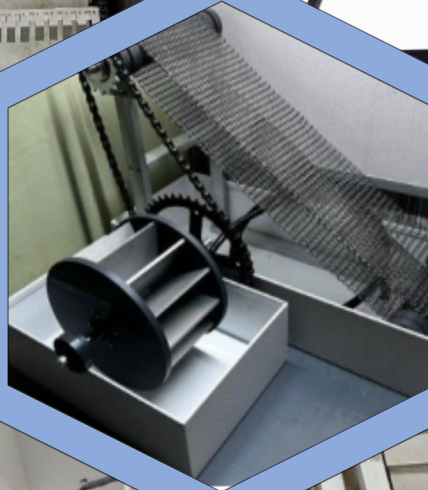


PROTOTYPE DESIGN COLLECTION

SERIES 1



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CHAPTER 20

Design, Analysis and Fabrication of Manual Dust Cleaner for Floor

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PROJECT DESCRIPTION

Cleaning is a basic necessity for all mankind, and it is required in the daily regular routine. The traditional road and floor cleaning machine is most commonly used in numerous applications such as highways, railway stations, airports, hospitals, bus stops, multi-story buildings, universities, and so on. This machine also needs human energy to operate. It is user friendly and environmentally friendly. I want to use low-cost materials that can be easily produced and controlled. It is a good alternative to a traditional machine. Generally, in this era, various machines such as electric motors, diesel engines, and robots are used to clean the floor and the road. These methods cause a lot of pollution, need a lot of maintenance, and are difficult to implement. The primary goal of this article is to convey the concept of my prototype road cleaner to everyone who is interested. As a result, the current effort aims to design and build a manually operated road cleaning equipment that is eco-friendly, cost effective, portable, and requires little maintenance.

Keywords: *Dust cleaner*

PROTOTYPE



DESIGN PARAMETER

