

Lalish M
CIVIL

51 PROJECT

PEDAL OPERATED WASHING MACHINE



Pedal power has been used to propel bicycles for over a hundred years. Less commonly, pedal power has been used to power agricultural and hand tools and even generate electricity.

All washing machines available in the market today are electric power driven and basic principle of their operation depends upon creation of the turbulent flow of detergent around the dirty clothes. But a washing machine remains a dream for people from poor economic status, who work under severe cost constraints. This cost-effective Pedal Operated Washing Machine is just the right solution

Features

- Low weight and portable
- Does not require electricity. A simple cycling mechanism runs the machine shaft
- Flexible mechanism that meets the needs of 70% of the population of the nation
- Working principle of this concept is similar to conventional machine with a sole difference in the driving mechanism of the machine