

DESIGN OF A MOTOR WHEELBARROW

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ABSTRACT

This report introduces on how the wheelbarrow helps aging community in the gardening work, so this design started as a basic assistant. The design must be comfortably for users and efficient. It can moves forward and backward and acts like a vehicle. It can increase the working efficiency and decrease working time. It also explained what material toused here and how each part of the motor wheel barrow works and has specific characteristics. The report will also show the results of working efficiency. The wheel barrow will operate with batteries and motors.

This also will involve a few of electrical components; the batteries are needed here to generate the motor in order to lift the wheel barrow and the loads, how fast can it travel in specific time and distance. Static equation and basic electrical are included here. Further details and information are provided in this report. The test results will include the torque of motor, power and force generated by the wheelbarrow. Improvising the project for future also include here so that it may have better performance and outcome.