

BICYCLE TRAILER

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ABSTRACT

This report explains technically, the main reasons for building this prototype and that is so that (as mentioned above) transportation of goods no heavier than 60 kgs can be accomplished more efficiently. From the survey that was done, regarding the price of a simple motorcycle trailer, which is mounted on the side of the motorcycle, it costs about RM1000 at minimum just to make it. Although this prototype wouldn't be able to withstand the loads heavier than the already available motorcycle trailers, but even if it was able to do so, it wouldn't make sense because the operator wouldn't be able to pedal loads of that considerable amount. Besides that, by using a bicycle to transport goods no fuel would be used, thus no pollution possible. Another distinct feature of this prototype is that it is foldable, which makes it possible of small space storage, plus this trailer is also very mobile, as it can be moved manually when folded. If not in use, the trailer can be dismantled and if it is needed then it can be easily assembled again. These are the main purposes of the selection of this title.