



**UNIVERSITI TEKNOLOGI MARA
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NOODLE MAKING MACHINE

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ABSTRACT

Noodles are a high demand food item required in a variety of dishes including chowmein, hakka noodles and a variety of dishes. Preparation of noodles from batter is a tiring process and difficult to be done by hand. Depend on the high demand the supply of noodles requires a tireless process to keep up with the huge demand. The process is tired so that the people stop from doing it. The main objectives of this project is to design and fabricate the noodle making machine that help people to create their own noodle and can cut more noodle with a short time. The methodologies that are used are preparing 3 design sketch and choose the best out of 3. Then, make engineering calculation with the dimensions selected and draw project in solidworks to make engineering analysis. The cost is calculated . Project expected to be a nice machine and can help to make a noodle

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INTRODUCTION

1.1 Background of Study

This project aims on designing, analyzing and fabrication of automatic noodles making machine. The innovation is to solve the problem that many people facing now . Nowadays, people are afraid to eat the instant noodle because they do not know the ingredients . This product can avoid us from buying noodle that are not halal and make us create our own noodles. The system that we use to create the noodle will not difficult to use so that every people can use the product. The quality of the materials of this product is it can withstand with the water so that they can be washed. This invention due to reason of this product will mostly use in the kitchen and will be used repeatedly.

1.2 Problem Statement

Many noodle making machine in the market are using their own force to make a noodle, they must roll the arm of the crank to create the noodle. With this project, the user no need to use their own force anymore because they use an electric and motor to make the crank rolling, the user just need to put in the dough only. In the factory they use the making noodle machine that huge and cannot be used at home but this project are design to make noodle at our home and the design are safe and comes out with considerable size for noodle making machine.

In addition, people take more times on rolling the shaft to create noodle, so this project is design to solve the problem by make it become more easier to use by using electric and reduce energy and time. This project also can be used when there are any celebration such as open house. There are many people that create just the noodles for the open house and other celebration so many people can use this project easily.

The problem we facing is to wash the roller and cutter so to settle this problem we will use a portable noodle cutter. Usually the cutter are fixed at the machine but this project make the portable noodle cutter so that the cutter can be moved and removed.