

UNIVERSITI TEKNOLOGI MARA

**DESIGN AND FABRICATION OF
POTATO CUTTER MACHINE**

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ABSTRACT

A potato cutter machine is a tool that used to cut the potatoes to french fries. The idea to create a potato cutting machine came because wanted to solve the problem faced by small sellers, which is to cut a lot of potatoes to french fries in a short time. The objectives of this project are to fabricate a potato cutter machine that can cut the potato to french fries with more effectively. The main goal of the project is to create a quick, safe, and easy way to cut potato with increased productivity and cost effectiveness. To ensure that this project runs well, a variety of processes must be carried out in accordance with established procedures. For literature review, research have been done by referring to article related to the project. The research is important to find ideas to design the machine. Three designs have been drawn and only one will be selected. Then, the fabrication process will start according to the selected design. For fabrication, measuring and marking process, drilling process, riveting process, cutting process, and welding process have been done to complete this project. As a result, potato cutter machines have been successfully produced and can be used to help users cut potatoes quickly and extensively at one time.

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