

UNIVERSITI TEKNOLOGI MARA

**COCONUT FLAKES SCRAPPING
MACHINE**

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ABSTRACT

A perfect fresh coconut water must have its filling. Nowadays people usually use a spoon and their own energy to scrape the flakes inside the coconut after getting the coconut water. So I want to make a machine that helps people to get the coconut flakes easily. After getting the coconut water, we just need to cut into half sections. There will be a scraper that spins constantly after switching on the machine. The scraper will scrape the coconut flakes. The coconut flakes will stay inside the coconut. The machine is moveable and easy to use. My target users of this machine are people who run small businesses of coconut water that will help them to decrease the time and energy to produce a coconut water with coconut fillings.

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CHAPTER ONE

INTRODUCTION

1.1 Background of Study

Coconut is a very common things in human life because it contains many uses and a lot of benefits. Coconut flakes is one of the most favourite eatable part of coconut. Since coconut flakes very popular in Malaysian's community, many people make money with coconut. Over many years, usually coconut farmer and seller use spoon orknife to get the coconut flake because it is the only method to use easily. However, thatmethod has its own disadvantages to the users. Coconut flake is not easy to get because it may need to use energy.

Coconut sellers need to increase their productions with minimum times. So we need to create a machine that can get a quality coconut flakes without using many human's energy. Since it is an uncommon things to have,so it should give a good impactto people who need it such as coconut sellers. A Coconut Flake Scrapping Machine can collect the flakes easily with a single piece of energy. Hence, the machine will make the business to a modern ways.

1.2 Problem Statement

Basically, we use to see people use spoon to get the coconut flakes. This way need to use a lot of energy which people need to use the hands to scrap the flakes. Human's energy is not balance in every action so it will give impact at the products in order of quality and quantity. Even thought people can still get the flakes, but it cannot make sure the best hygiene towards the food because sometimes people careless about this important things.

So based on my improper research among the coconut seller, most ofthem unlikely to use spoon as the scrapper of coconut flakes as it use a lot of