

ABSTRACT

THE PROCESS OF MAKING CASING, GRATED STORAGE AND HOPPER IN THE GRATING AND SQUEEZING COCONUT MILK MACHINE

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The aim of this Final Project is to make the casing, grated storage and hopper in the grating and squeezing coconut milk machine.

The methods that were used in the making process were identification of the picture of casing, grated storage, and hopper, the preparation of the materials, tools and machine in the making process of casing, grated storage and hopper. The processes of manufacturing were cutting plan, cutting, bending, drilling and finishing.

This Final Project produced casing, grated storage, and hopper that appropriate with the design of the working picture. There were several cases to be paid attention; those were the tools, machine and instrument used in the making process of: scratcher, soft hammer, plat scissors, base, pliers, blind gun rivet, automatic cutting plat machine, angle ruler. The time needed to make the casing was 11 hours 49 minutes, the time needed to make the grated storage was 4 hours 12 minutes and the time needed to make hopper was 3 hours 49 minutes. The function of casing is as the safeguard to the make the grated coconut is not spilled everywhere, the grated storage is used as the temporary storage of the grated coconut before the grated coconut is squeezed inside the coconut milk squeezing tube. After doing the working trial, the production result of the machine was the grated capacity approximately 35-40 granules with the result of the squeezing approximately 1.8 liter/3 minutes and had the squeezing capacity approximately 36 liter/hour. The addition of water is 1.5 for 2 coconuts.

Keywords: The process of making, Casing, Grater, Hopper and coconut