DEVELOPMENT OF AUTOMATED PAPER PLATE HANDLING MACHINE FOR INDUSTRIAL PACKAGING APPLICATION

By

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STATEMENT BY THE AUTHOR

I hereby declare that this submission is my own work and to the best of my knowledge, it contains no material previously published or written by another person, nor material which to a substantial extent has been accepted for the award of any other degree or diploma at any educational institution, except where due acknowledgement is made in the thesis.

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ABSTRACT

Development of Automated Paper Plate Handling Machine for Industrial Packaging Application

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The purpose of this thesis is to make the process of flipping paper plate automatic. In order to achieve it, methods chosen are by providing a grip less method using box or any medium to flip the supplied paper plates from the supply station and transfer them using conveyor to the packaging station. From the experiment it is successfully achieved the aforementioned goal by using stepper motor as the actuator and to integrate all component into one integrated system. By providing automated system for paper plate handling it could remove the use of manual control and it allows company to allocate their human resources into other use.

Keywords: Stepper Motor, conveyor, actuator

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DEDICATION
:

I dedicate this works for SGU and Mr Leonard Rusli that assigns this task to me and to my parents as a proof of my progress in my study.

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