

**Design and Construction of Feeding and Stacking Machine for Cutlery Utensils
Magazine**

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

Design and Construction of Feeding and Stacking Machine for Cutlery Utensils Magazine

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In present time having an automated production line is almost a have to for a medium to a big size company. Reason being is because having an automated production line will almost certainly increase the production and in conjunction increase the profit that the company can produce. The stacking machine and the feeder machine is an example of a machine that will help automate the production line for the company. New system is going to be implemented to the sorting cutlery line. The automated sorting cutlery line will function as a replacement of the existing sorting line that is mainly done by human. The machine that will work in the sorting line will be designed specifically for the company needs, so the material handling will be unique only to the partnering company. The working principal for stacking machine is identical to a vertical lift and a forklift because it moves objects vertically. Differences is that the stacking machine for the cutlery is going to be semi-automated because of the limitation that prohibits some automation to be integrated to the machine. To conclude everything the stacking machine is going to work as a station that will control the magazine flow in the whole sorting system.

Keywords : Semi-Automated, Stacking, Feeding, Cutlery, Magazine, System



DEDICATION

I dedicate this work to God, my family, friends, workshop warriors, and the
development of Indonesia Automation.



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I have found the through the journey of making this thesis project that things doesn't come easy and that you have to work hard towards your dream. Even when the world is not fair keep on pushing through.

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