

COCOA DRYER

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ABSTRACT

My project will be usefull and practical in helping small scale farmers. My project basically has 3 major parts which are air flowing part, heating part, and rotating part. The idea of this project is to make it semi-auto in the process of drying the coca beans. This project report is going to show the detailed information of my coca dryer. There are how my coca dryer works, material selection, cost, calculation, CAD drawing, some illustration and etc. this project report also will include the problems that I had encountered and how I solved it.

I used software, Solidworks, to do the CAD drawing of this coca dryer. I also fully used the knowledge that I learned in Inti while doing my project in designing, material selection, component selection and the ways that I assemble all the parts. And I have the chance to use those theories that I had learnt with my project. Besides that, this report will show the problems that I encountered while doing this coca dryer. It is because in the book will state the theoretical part but there will be different when come to the practical.