

DESIGN AND BUILD A PALM OIL RELEASE MACHINE

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ABSTRACK

Riau Province is one of the regions that has the largest oil palm land in Indonesia. Therefore, there are not a few people in Riau province who work as oil palm farmers, not a few losses that are often experienced by farmers during the harvest period. As there are some palm fruits that are of poor quality, ripeness and male fruits that will usually be sorted and cannot be sold as a whole as good quality fruits should be. So that usually farmers have to release or chop first the palm fruit that is sorted using a machete or in the traditional way so that the brondolan from the palm fruit can still be sold and does not suffer losses, The author draws conclusions to design a technology in the form of a Design and Build a Palm Fruit Release Machine. With several advantages of working using this machine, such as, farmers can complete work in a fast time, human labor that is not too much used, and prevent the risk of work accidents. So that farmers can feel very helped in completing their work.