

ABSTRACT

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Manufacturing Process of Used Aluminum Beverage Can Press Equipment

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(ii + 38+ Appendix)***

In the industrial world, various kinds of products are presented, products that are produced are made from various materials, one of which is aluminum, such as beverage cans, food cans, and various other needs that use used cans. To recycle used beverage cans made of aluminum, it needs to be pressed so that it doesn't take up space, so we need a tool, which is called a used aluminum beverage can press, this tool is made of steel based on the required weight and size. following the standards, namely bolt heads, can pushers and legs to hold the weight which is designed to be 1 tool, namely a used aluminum beverage can press, a used beverage can. The purpose of making this equipment is to develop a manufacturing process for press equipment for used aluminum beverage cans that is more economical so that it can be used by home industries. The equipment made can press 15 cans/minute. The time required in the manufacturing process for used aluminum beverage can press equipment is 84 minutes and material costs are Rp. 805,000.-

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