

ALUMINUM CAN COMPRESSING TOOL FOR RECYCLE USE

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ABSTRACT

This project is an example of application of a recycling in the real world that is addressed to anyone who wants to recycle a wasted aluminum can beverage but especially is for those aluminum recycling factories.

The method that is used is to compress any types of wasted aluminum can with adapting a car piston movement as its main function. With utilizing a half horsepower motor as its main power, a shaft with a crusher is connected to the pulley – shaped steel that is also connected directly to the motor.

The result is compressed aluminum cans with a volume in range about 50 – 60 percent of its original shape. With a reduction in its volume, the efficiency of the aluminum recycling process will increase.