

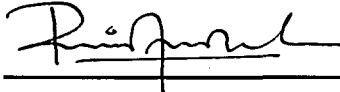
DIPLOMA
THE CAN DISPOSAL MACHINE
FINAL YEAR PROJECT REPORT
DIPLOMA OF ENGINEERING (MECHANICAL)

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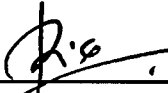
MARA INSTITUTE OF TECHNOLOGY

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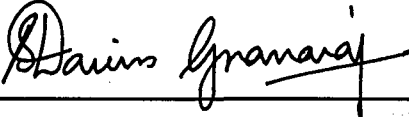
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ABSTRACT

Crusher machine is invented as an idea enhancement to the previous innovations. This machine is designed to fit its original objectives. The machine has ability to compress an aluminium can which is widely used for beverages. It works by crushing a 111 mm height can into 50mm height. Besides that the machine is manually operated and user friendly.

Hopefully the consumers can benefit from this innovation. Easy operation at all level of consumers will invite consumers to use it more often and finally our main objective to keep the environment clean will be satisfied.

One more thing need to be reminded is its robustic design. We purposely design it to be operated manually to avoid major breakdown. Comparatively, automatic crusher machine has more complex component and more exposed to defection. Therefore, maintenance cost can be reduced through this design.

The size of the machine is also a place saving size means it takes less space to install. Its portability from one place to another place make it more feasible.

Last but not least , we are hoping that the innovation will help recycling process for beverage cans and consumers will gain benefits as well.

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