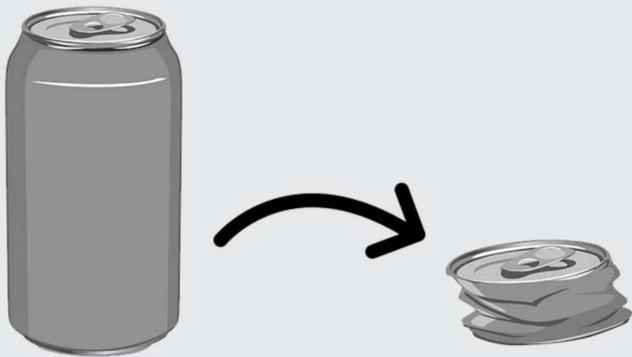


Can Crusher

The Following items have been considered in this device:

- 1- The Aluminum recycling process is facilitated
- 2- Preserving and conserving natural resources
- 3- Working without electricity Power
- 4- Weatherproof and washable
- 5- Easy to use and carry on
- 6- To be financially justified through selling output and also installing advertisement



Save the Energy, Nature & Money

This device use in food courts, Restaurants and Malls to compress and collection of Aluminum Cans to reduce cost of recycling. (suitable for post-corona era)

Design and Production:

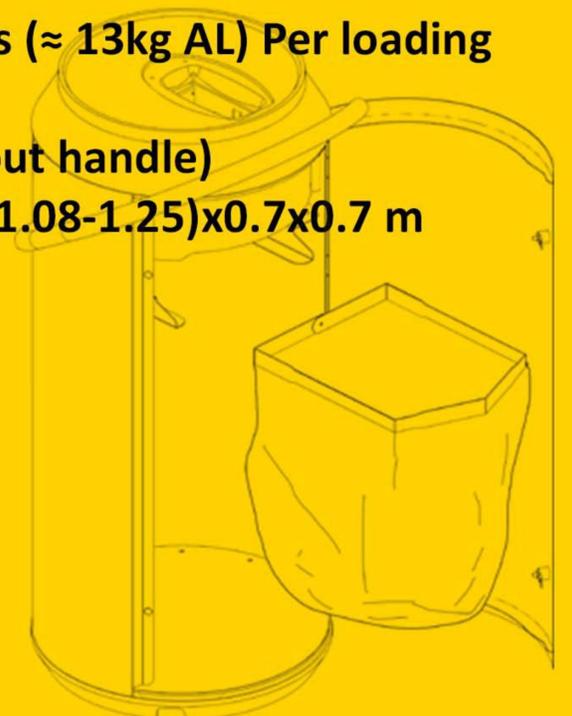
1. Ali Najafi Ziarani
(Teacher university in industrial design Since 2012)
2. Shiva Fattahi
(Urban Planner and Environmentalist)

Contact:

Email: a.najafi.z@alumni.ut.ac.ir
<https://linkedin.com/in/ali-najafi-ziarani>
Whatsapp: +989126164148

Capacity: near 800 Cans (\approx 13kg AL) Per loading
Height: 1.00 -1.14 m
Diameter: 0.5 m (without handle)
Shipping Dimensions: (1.08-1.25)x0.7x0.7 m
Weight: \approx 40 kg

Date of Product: 2018



Can Crusher

Our approach: **Sustainability**

Project Goals:

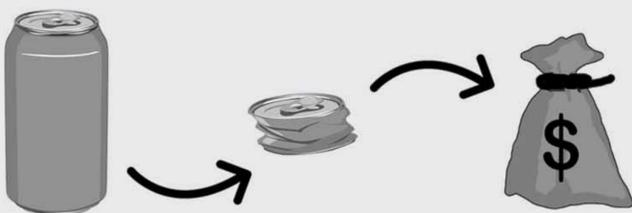
- 1- Collecting the Aluminum cans at the place of consumption.
- 2- Reducing the costs and increasing the opportunities for recycling.

Best locations:

3. Malls
4. Food courts
5. Gyms
6. Restaurants and ...

Some superiorities of this device over most of similar:

- 1- Safety and ergonomic for users
- 2- The tank (a space inside the device) could be locked.
- 3- Easy to carry (wheel option)
- 4- The expenses would be covered very soon and stakeholders will reach to profitability phase



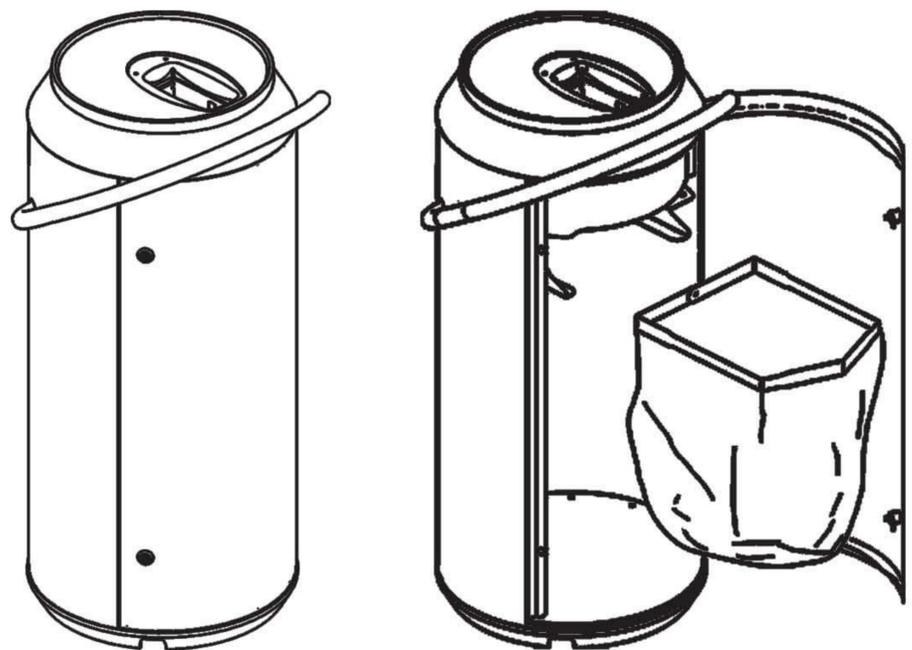
Strategies that encourage users to participate:

A- Encouraging **people** through:

1. Body Shape: the body is Well designed to reminds of cans.
2. Pleasure making: the action of pressing is so enjoyable especially for younger.

B- Encouraging **stakeholders** through:

1. Selling the compact cans as output
2. Installing advertisement
3. Making extra space free of storage the waste in business places.



For safety

Slow Up



The handle comes up slowly, not to injured anyone as it is released

Contact:

Email: a.najafi.z@alumni.ut.ac.ir

https://linkedin.com/in/ali-najafi-ziarani

Whatsapp: +989126164148

Can Crusher



Can Crusher- Tehran innovation Exhibition 2018
Design and production - Ali Najafi Ziarani
a.najafi.z@alumni.ut.ac.ir



Contact:
Email: a.najafi.z@alumni.ut.ac.ir
<https://linkedin.com/in/ali-najafi-ziarani>
Whatsapp: +989126164148

Some alternatives are available for wheel-
chair assistances, kids and lower height