



COW DUNG REMOVER

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Abstract

In rural areas we generally see so many people are facing problems to remove cow dung and waste materials with their hand. They think if they pick up that with hands they will get health problems . And they have to bend to remove it. So to overcome this problem ,we invented an machine that is useful to everyone . It removes dung easily and automatically. It does not require much physical work . People do not need to bend to remove. No one get's any problems with this equipment. It is invented in simple way with the iron rods ,steel plate at the bottom it will be like door hinges . It will collect the waste materials up to the plate we have open door hinges the waste will through in some bucket. We can easily move this as we fixed the wheels to the equipment.

1. INTRODUCTION

In our India, farming sector is very large and important sector to both economy and lifestyle . Physical work of farmers and in cow daired is being reduced to a great extend with the help of current technology . We have developed a simple easy design to help both farmers and daily workers and also to normal people . Our mechanical equipment has basic moments which can collect cow dung and dump into the waste land..People who are living in 3 types of communities can adapt to our basic design model and use it with a little

knowledge.Aiming to help farmers ,this design presents and implements the idea of cow dung remover in a simple and easy method. The simple mechanical equipment helps both farmers and common field workers . This reduces the work and physical stress of farmers . It is very useful in rural and suburban areas .The main part which helps in collecting is ground collecting plate which takes the dung on the ground and gets lifted up and garbage plate /bin comes front so that the dung can be dropped into it. We can rely on wheels for the movement of this Equipment

2. RELATED WORK

FLOOR SCRAPER Floor scraper is a fine shaped mechanical equipment that draws through out the dung floor and collected at the end of the floor .

USING SPADE Floor scraper is a fine shaped mechanical equipment that draws through out the dung floor and collected at the end of the floor .

COW DUNG COLLECTOR MACHINE

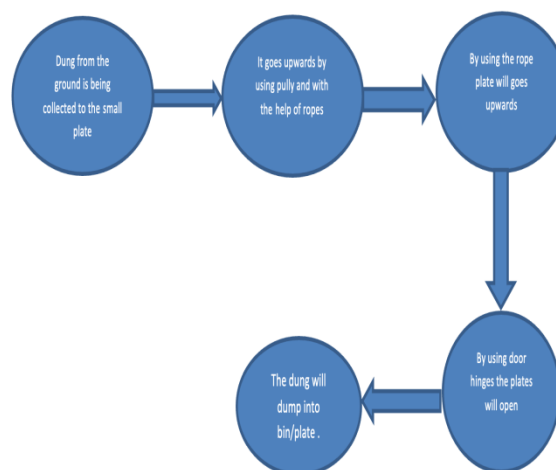
The cow dung collecting machine has the a palates placed parallely inside it like a railway track , due to the rotation of the plates inside it when one of the plate comes to the bottom it collects some dung and next plate comes down and collect , the continuous rotation is done like this , at last the dung is collected at the back side of the machine.

3. IMPLEMENTATION

Initially the cow dung remover goes forward where the dung is on the ground. The metal collecting plane sheet of iron scrapes or gazes the front ground. The dung which is collected into the collecting metal thin sheet is used to throw the dung into the collector base of the system. This metal piece of sheet is connected to the rods. The two thin rods are being welded to the little plane of sheet. These two are connected to another thin metal rod which is used to pull the small plate into the

collector base .The dung which we collected into the plates that will dump into the bin and the door hinges are used for open the plates and the dung will dump into the bin. The door towers are used for open the plates.

- The model/design should be feasible cost.
- It should be easy to operate by everyone.
- It should take less time to collect the dung
- It should be accessible by everyone.
- It should be user friendly.
- It should be of easy maintenance.



4. EXPERIMENTAL RESULTS

In rural areas we generally see so many people are facing problems to remove cow dung and waste materials with their hand. Initially the cow dung remover goes forward where the dung is on the ground.

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5. CONCLUSION

Here by we conclude that our project COW DUNG REMOVER will be very helpful to remove cow dung and waste materials. It is accessible by everyone. It is in low cost .It collects the dung in less time .Here by we conclude that our project COW DUNG REMOVER will be very helpful to remove the cow dung . It is accessible by everyone. This mechanical equipment design is simple. We can easily move this as we have fixed the wheels to the equipment.

6. REFERENCE

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International Journal For Advanced Research In Science & Technology

A peer reviewed international journal

www.ijarst.in

IJARST

ISSN: 2457-0362

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