



**SIMA CD & RA**  
**Since 1974**

**FOSTER THE GROWTH OF  
INDIAN COTTON ECONOMY**

**sima<sup>®</sup>**  
**KAPAS PLUCKER**



**Towards Self Reliance**



**SIMA KAPAS PLUCKER**, an ideal hand operated machine capable of increasing farmer cotton picking productivity by six folds and ensure least trash content. Automatic kapas collection bag attached to the machine prevents contamination.



### Technical Specification

Model	Kapas Plucker
Size	280x90x110mm
Weight	600 grams
Motor Power	11W
Voltage	12V
Operating Current	1.4A
Rotating Speed	5400 RPM
Battery Type	12V rechargeable battery working time 8 Hours.
Charge Time	Approximately 8 hours





### Operating procedure:

1. Load the battery in the hip bag
2. Wear the hip bag and tighten the belt
3. Connect the power pluck in the battery and in the machine
4. Tie the kapas collection bag in the hip
5. Insert the machine delivery end to the kapas collection bag and tighten
6. Switch on the battery
7. Switch on the machine and pluck the cotton
8. Remove the kapas collection bag with 4 to 5 Kgs of kapas and transfer the kapas to the contamination free bag
9. Charge and maintain the battery as per the details given in the battery manual to ensure long life
10. Handle the equipment with care and avoid handling by children



### Salient Features:

1. Affordable price and quick return on investment
2. Reduce picking cost upto 70%
3. Productivity: More than 6 times of hand picking
4. Contamination free cotton
5. Least trash
6. User friendly
7. Suitable for picking all types of cotton
8. Least maintenance
9. Comes with essential spares, accessories, tools, extra motor and safe kit to preserve the equipment





## **THE SIMA COTTON DEVELOPMENT AND RESEARCH ASSOCIATION (SIMA CD & RA)**



1. Develops and produces genetically pure cotton seeds and supply to farmers upto 600 Metric tonnes per year
2. SIMA seeds give high productivity and quality of cotton
3. Directly training and monitoring around 25,000 farmers covering the cotton area of 25,000 hectares and indirectly several lakhs of hectares of cotton fields
4. Equipped with adequate cotton R & D facilities, ginning factory, seed processing and necessary land for cotton research
5. Maintain around 450 cotton germplasm
6. Partners with state and central Government in preparing and implementing various cotton projects, training of farmers, etc.
7. Produces upto 25 Metric tonnes of Vermicompost and 10 Metric tonnes of Biofertilizers and directly supplying to the farmers
8. Develop, produce and supply organic cotton and coloured cotton
9. Work as a link between Government, cotton research, cotton farming community, cotton traders and industry
10. Supported by the entire textile industry in South India
11. Develop and encourage producing the required quantity of cotton with specified quality parameters and make it available to the textile industry at a competitive price and ensure higher income to the farmers

### **RECOGNITION**



सत्यमेव जयते

Recognized as Scientific and Industrial Research Organisation (SIRO)  
Government of India Ministry of Science & Technology  
Department of Scientific & Industrial Research Technology Bhawan,  
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### **Contact**

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