



## Manual Groundnut Decorticator for Women

### Utility

It is a manually operated equipment to separate kernels from groundnut pods specifically designed for rural women who prefer sitting posture while working. The unit consists of frame, handle, oscillating arm and sieve with oblong hole. The pods are fed in batch of 2 kg and decorticated between concave and shoes on the oscillating arm to achieve shelling.



Specifications & Performance results		
Power Source	:	Manual
Weight, kg	:	5.7
Labour requirement, man-h/q	:	2.5
Man power	:	One person
Output capacity, kg/h	:	35-40
Cost , Rs.	:	2400/-
Operating Cost, Rs./tonne	:	240/-

### Benefits over conventional/traditional practices

- Capacity enhancement over operation without machine.
- Reduces drudgery.

**Design:** ICAR-CIAE, Bhopal

**Commercialization Status:** Commercialized

### Contact:

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# Manual Groundnut cum Castor Decorticator

## Utility

It is a manually operated equipment to separate kernels from groundnut and castor pods. The pods are fed in batches of 5 kg and decorticated between concave and oscillating arm having cast iron/nylon shoes to achieve shelling.



Specifications & Performance results		
Power Source	:	Manual
Weight , kg	:	15
Labour requirement , man-h/q	:	6
Output capacity, kg/h	:	60-70

## Benefits over conventional/traditional practices

- Capacity enhancement of a works compared to work without machine

**Design:** ICAR-CIAE, Bhopal

**Commercialization Status:** Commercialized

## Contact:

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