



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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