



Manual Double Screen Cleaner

Utility

It is a batch type hand operated equipment to replace existing traditional practice i.e. manual horizontal / vertical sieving to clean the grains. It separates impurities like stubbles, chaff, dirt and broken from wheat, chickpea, soybean and other cereals and pulses. It consists of main frame, scalper/grading screen, draper rod, handle, shutter etc. and operated by hanging it on any elevated point with ropes. A batch of 5-10 kg is fed into the cleaner which swung to and fro till the batch is sieved.



Specifications & Performance results		
Power source	:	Manual
Weight, kg	:	17.6
Cost, Rs.	:	4,500/- (approx.)
Labour requirement, man-h/t	:	5.0
Output capacity, kg/h	:	125-225
Cleaning Efficiency, %	:	99.0

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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