

Pedal Operated Paddy Thresher

Utility

Pedal operated paddy thresher can be operated by one person. The threshing cylinder is provided with wire loops and it separates the grains from the panicles.



Specifications & Performance results		
Power Source	:	Manual
Weight, kg	:	42
Drum width, mm	:	460
Treadling speed, strokes/min	:	75
Drum speed, rpm	:	260
Labour requirement	:	one person
Capacity, kg /h	:	45
Cost, Rs	:	5500/-
Operating cost, Rs/h	:	22/-
Operating cost, Rs./tonne	:	500/-

Benefits over conventional/traditional practices

- Improved operator's posture reducing significant physiological stress and discomfort.
- Protects the operator from hitting of grains and thus eliminating injury to face/eyes.
- 50 percent saving in labour.
- Avoids bending posture and thus reduces drudgery of workers during operation.

Design: ICAR-NRRI, Cuttack

Commercialization Status: Commercialized

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