

Pedal powered

INR 3000-6000

Foot is used to pedal and turn the drum

Threshing capacity: 50-60 kg/hr



- Low cost
- Easy to use
- Low maintenance
- No electricity required
- Portable for moving from farm to farm
- Allows full length of straw to be recovered
- Difficult to pedal for a long time
- Low capacity compared to electric and diesel powered threshers
- No winnowing or bagging function (grain must be gathered and cleaned as additional operation)

Electric motor powered

INR 20,000

1 HP (0.75Kw) electric motor

Threshing capacity: 15 bags/7-8 hrs



- Relatively low cost of use as electric
- Subsidy available from government
- Ease of repair and maintenance
- Capacity for 2 people to thresh at the same time
- Winnowing attachment can be added
- Cannot be used without electricity
- Lower capacity than larger threshers
- Winnowing (if not attached) and bagging have to be carried out as separate functions

Disel engine powered

INR 24,000 – 30,000

4.5 HP diesel engine

Threshing capacity: 35 bags/7-8 hrs



- Portable (no electricity required)
- Higher capacity for use in providing contract services
- Lower cost/bag compared to the electric thresher
- Up to 4 people can thresh at the same time
- Best advantage: allows threshing in the field immediately up to cutting and reduces post harvest losses
- Winnowing fan can be added for 1-step threshing and cleaning
- Requires some training to operate
- Repair and maintenance by fabricators when required
- Running cost of diesel and oil