

Paddy thresher

Innovator	Address	Contact Details
Md. Fajlul Haque	Village – Moirabari, P.O – Moirabari, District – Morigaon, Assam - 782126	Mob: 91 98594 09637

Problem addressed:

In paddy farming, threshing operation, which involves separation of paddy from panicles, is one of the time consuming and laborious conventional methods of paddy threshing manually by beating against stone or by draught animal. Innovator has developed a thresher that can thresh without chopping the straw of the moist crop.

Product:

The straw, chaff, grains are separated and thrown separately, thus reducing labor and drudgery. Using this machine threshing can be done even in rainy days under a shade. The thresher can be operated by a 5 hp electric motor or tractor PTO. It requires only two people to thresh.

The thresher is consisting of feeding chute, threshing cylinder, blower, straw outlet and grain outlet. The body is made of high quality steel and sheets to withstand maximum wear and tear. These threshers can be operated both with electric motor and diesel engine. The paddy crop's straw is separated from grain in the threshing cylinder. The straw is thrown out from the machine with the help of blower, and the paddies are thrown out through other outlet. The special feature of this machine is that it does not chop the straw and hence we get it in full length.



Technical Specifications

- Overall dimensions (in mm) : L - 1660 , W -1580 , Height -1650
- Weight - 250 kg
- Engine power requirement - 5 hp Diesel Engine or Electric Motor
- Thresher cylinder Speed (rpm) - 510
- Cleaning system - Blower
- Feeder capacity - 900 kg /hr (789 kg / lit)
- Grain output - 444 kg /hr (370 kg / lit)
- Thresher efficiency (%): 96.5 - 96.8

Key Competitive Advantage:	<ul style="list-style-type: none"> • It can thresh paddy without chopping the straw of the moist crop • Low cost and high power threshing machine • The straw, chaff, grains are separated and thrown separately thus reducing drudgery. • The device is easy to install and maintain. • It does not chop the straw and hence we get it in full length.
Time to deliver:	3 days, for bulk order - 50 per month
Price :	Rs: 55,000/- (ex-factory price + packaging). The price does not include transportation costs, taxes, etc.
Achievements:	Innovator has been awarded National Award nu National Innovation Foundation in sixth National Biennial Awards in 2011 and also supported under MVIF scheme of NIF. Till now he sold around 250 devices throughout India.
IPR Status:	Patent Applied for (No. 508/ KOL/ 2011)
BD website link:	http://nif.org.in/innovation/low_cost_paddy_threshing_machine/449
For Business Enquiries, please contact:	<p>Business Development, National Innovation Foundation - India Satellite Complex, Nr. Mansi Cross Roads, Satellite Ahmedabad -380 015, Gujarat, India Phone: +91-79-2673 2456, 26732095; Fax: +91-79-2673 1903 E mail: bd@nifindia.org, Web: www.nif.org.in</p>