



HARDEV INDUSTRIES
(ISO 9001:2015 CERTIFIED COMPANY)

TRACTOR OPERATED PADDY THRESHER

Brand: Hardev Paddy Thresher

Model: HP-01

Product: Paddy Thresher

Country of Origin: India

Date: 19-07-2026

Place: Jaipur, India



HARDEV INDUSTRIES

Address: Samod road, Kaptan ki Kothi, Chomu, Rajasthan

Phone: +91-141-4017177

Website: <https://hardevindustriesjaipur.com/>



CONSTRUCTION DETAILS



Base Frame

Parameter	Specification
Frame Material	Mild Steel (MS)
Main Channels	2 × MS U-Channels
Channel Size	3110 × 120 × 60 × 4.81 mm
Overall Frame Size	3110 × 1060 mm
Frame Type	Rectangular Welded Structure

Structural Members

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Component	Specification
Front Cross Members	2 × MS Angle (1000 × 90 × 90 × 5.46 mm)
Rear Cross Members	2 × MS Angle (1000 × 90 × 90 × 5.46 mm)
Horizontal Supports	MS Angle 1060 × 65 × 65 × 5.46 mm
Additional Support	MS Angle 990 × 65 × 65 × 6.3 mm

Feeding Platform

Parameter	Specification
Support Members	2 × MS Angle
Size	585 × 45 × 45 × 4.02 mm
Purpose	Supports the Feeding Platform

Support Legs

Feature	Description
Material	MS Pipe
Quantity	2
Adjustment	Telescopic with Screw Jack
Height Adjustment	6 Holes
Function	Machine Leveling on Uneven Ground

Key Features

- Heavy-duty welded MS frame
- High structural rigidity
- Adjustable support legs
- Screw jack leveling mechanism
- Strong feeding platform support
- Suitable for continuous agricultural operation

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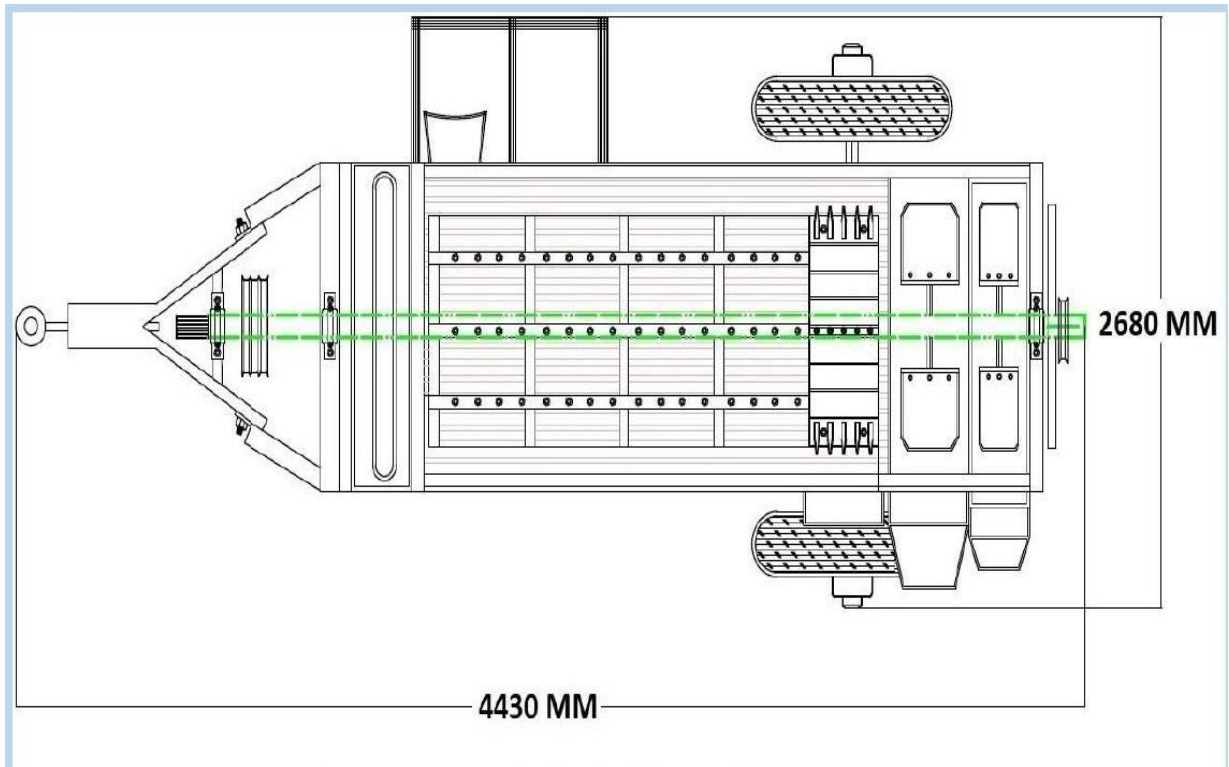
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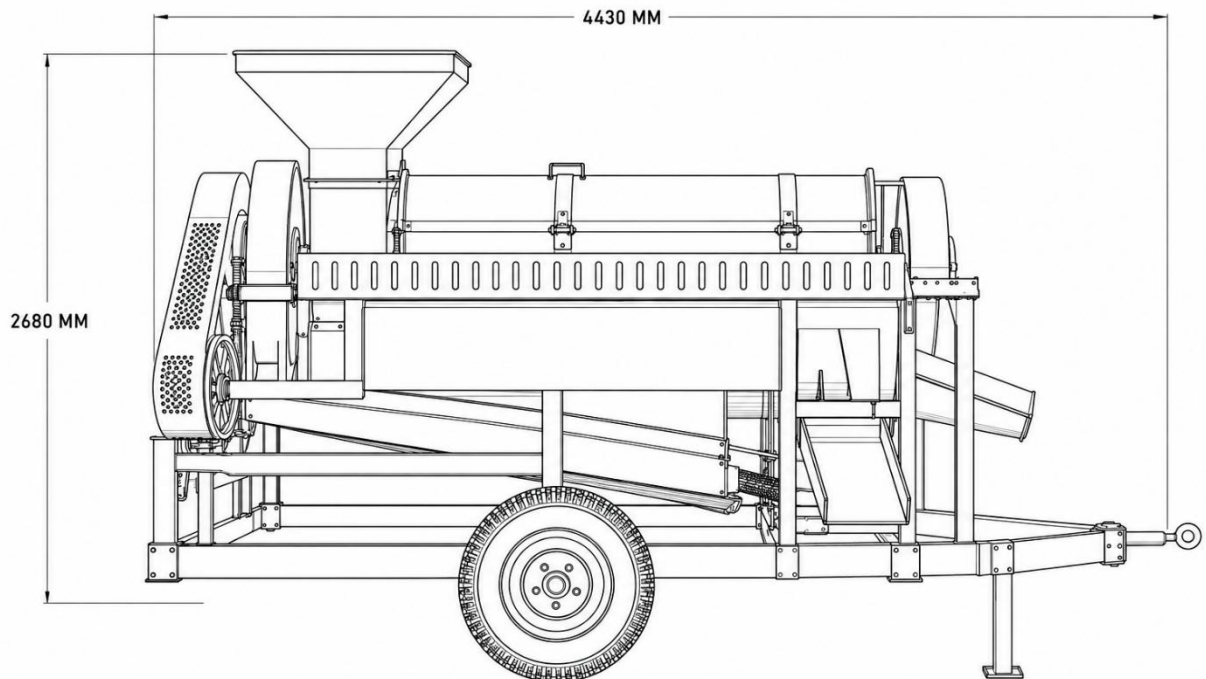




DIMENTIONAL DRAWING



Top view of Thresher



Right view of Thresher

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PERFORMANCE TEST RESULT

Machine: Paddy Thresher

Brand: Hardev Industries

Model: HP-01

Test Date: 19-07-2026

Technical Test Summary

Parameter	Specification	Status
Function	Threshing Paddy Crops	☒ PASS
Power Requirement	35–55 HP	☒ PASS
Suitable Crops	Paddy, Soybean & Mustard	☒ PASS
Construction Material	Mild Steel	☒ PASS
Productivity	2300–2500 kg/hr	☒ PASS
Cylinder Weight	297 kg	☒ PASS
Cylinder Size	1520 × 890 mm	☒ PASS
Fan Type	Green Cleaning Aspiratory Fan & Straw Blower	☒ PASS
Fan Size (Primary)	304 × 914 mm	☒ PASS
Fan Size (Secondary)	152 × 914 mm	☒ PASS
Frame Size	3110 × 1060 × 1000 mm	☒ PASS
Threshing Basket	1816 mm	☒ PASS
Country of Origin	Made in India	☒ PASS
Drive Type	Tractor PTO Operated	☒ PASS
Required PTO Speed	540 ± 10 RPM	☒ PASS
Flywheel	2 Nos. (90 kg each)	☒ PASS
Feeding Type	Direct Feeding	☒ PASS
Threshing Drum	Peg-Type Cylinder (75 Peg Teeth, 6 Bars)	☒ PASS
Machine Weight	Approx. 1550 kg	☒ PASS

Note: This test certificate is issued from our production unit on our plant on said date.

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