



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



A handwritten signature in black ink, consisting of a stylized 'H' and 'I' symbol followed by a long horizontal stroke.

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Phone: +91-141-4017177

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



Product Information

Parameter	Specification
Machine Name	Tractor Operated Paddy Thresher
Brand	Hardev
Model	HP-01
Operation	Tractor PTO Operated
Power Requirement	35–55 HP Tractor
PTO Speed	540 $\pm$ 10 RPM
Feeding Type	Direct Feeding
Country of Origin	India
Construction Material	Mild Steel

Suitable Crops

- Paddy
- Soybean
- Mustard

Applications

The machine is designed for efficient threshing of paddy and other cereal crops with minimum grain loss and high productivity.

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Main Technical Specifications

Technical Data

Specification	Value
Productivity	2300–2500 kg/hr
Machine Weight	Approx. 1550 kg
Cylinder Weight	297 kg
Cylinder Size	1520 × 890 mm
Working Length	1420 mm
Cylinder Diameter	840 mm
Peg Teeth	75
Peg Bars	6
Threshing Basket Length	1816 mm
Drive System	Tractor PTO
Flywheel	2 Nos. (90 kg each)

Cleaning System

Component	Specification
Primary Fan	304 × 914 mm
Secondary Fan	152 × 914 mm
Fan Type	Aspiratory Cleaning Fan with Straw Blower

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Construction Details

Base Frame

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

Structural Members

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 Supports	MS Angle (990 × 65 × 65 × 6.3 mm)

Feeding Platform

Parameter	Specification
Support Members	2 × MS Angle
Size	585 × 45 × 45 × 4.02 mm

Support Legs

- MS Pipe Construction
- Telescopic Height Adjustment
- Screw Jack Mechanism
- Six Adjustment Holes
- Suitable for Uneven Ground

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Threshing Cylinder

Cylinder Specifications

Parameter	Specification
Type	Peg-Type Cylinder
Length	1520 mm
Diameter	890 mm
Working Length	1420 mm
Number of Peg Teeth	75
Number of Bars	6
Cylinder Weight	297 kg
Peg Arrangement	Alternate 12 & 13 Pegs per Row
Peg Size	120 × 40 × 8 mm

Construction

The threshing cylinder is fabricated using heavy-duty steel and fitted with six welded MS flat bars carrying a total of 75 replaceable peg teeth. The peg teeth are bolted for easy maintenance and arranged uniformly to ensure efficient threshing performance.

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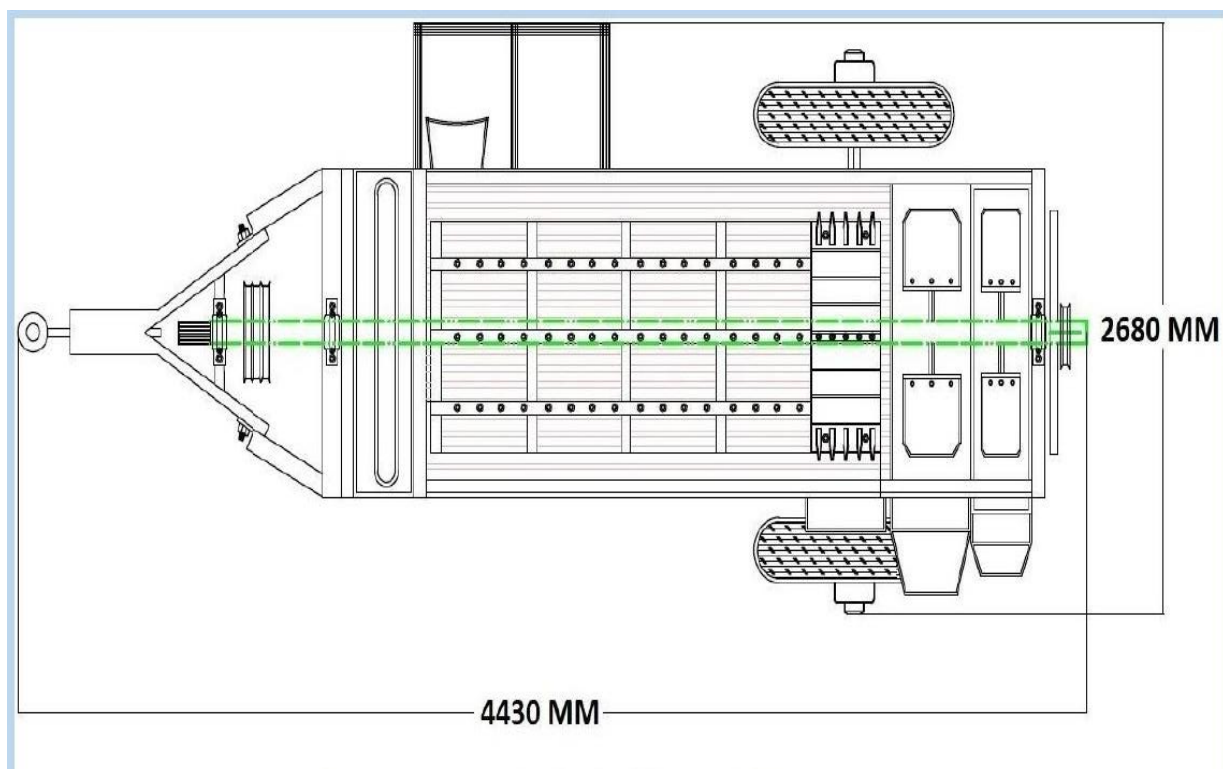
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Overall Dimensions



Top view of Paddy Thresher

Overall Dimensions

Parameter	Value
Overall Length	4430 mm
Overall Width	2680 mm
Frame Size	3110 × 1060 × 1000 mm

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Features & Advantages

Key Features

- Heavy-duty Mild Steel construction
- Tractor PTO operated
- High threshing efficiency
- Low grain loss
- Heavy-duty peg type cylinder
- Efficient aspiratory cleaning system
- Straw blower mechanism
- Direct feeding system
- Strong welded frame
- Easy maintenance
- Adjustable support legs
- Suitable for continuous agricultural operation

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Performance Summary

Parameter	Specification
Power	35–55 HP
Productivity	2300–2500 kg/hr
PTO Speed	540 ±10 RPM
Crops	Paddy, Soybean, Mustard
Feeding	Direct
Machine Weight	Approx. 1550 kg
Country	India

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