



HARDEV INDUSTRIES
(ISO 9001:2015 CERTIFIED COMPANY)

CHAFF CUTTER

Brand: Hardev Chaff Cutter

Model: HDC-01

Product: Chaff Cutter

Model Type: Down Model

Country of Origin: India



A handwritten signature in black ink, consisting of a stylized 'H' and 'I' symbol.

HARDEV INDUSTRIES

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

Phone: +91-141-4017177

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



Main Technical Specifications

Parameter	Specification
Roller Size	8 length × 3 diameter (3 Nos.)
Number of Cutting Blades	2"
Size of Cutting Wheel	30" to 32"
Gear Set	15 teeth
Operating Type	Both motor & manually
Power Required	1440 RPM, 50 Hz, low voltage (150–220 V), 3 HP, single phase
Motor Pulley Size	3"
Output RPM	300–350
Output per Hour	500 kg approx.
Output Chaff Size	10–12 mm
Rotation Direction	Clockwise
Machine Total Weight	90 kg approx.
Machine Size (L × B × H)	42 × 37 × 51

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Component & Construction Specifications



Down Model Chaff Cutter

Bearing Specifications

Component	Bearing Specification
Axle Shaft Front	6206 (1 P)
Axle Shaft Back	6205 (1 P)
Bracket Bearing	6005 (6 P)

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Material Specifications

Component / Part	Material
Roller Bracket, Wheel, Motor Pulley	Cast Iron (C.I.)
Angle, Patti, Plate, Nut-Bolts, Gear and Gear Box	Mild Steel (MS)
Blade Material	High Carbon

Running / Operating System

Electric drive: From motor to pulley through V-belt (B-107 to 110).

Manual drive: The machine can also be manually driven through a wooden handle.

Chaff cutter type: Self-standing type connected motor and manually operated wooden handle.

Power Unit

3 HP, single-phase electric motor.

1440 RPM, 50 Hz.

Low-voltage operating range: 150–220 V.

ON/OFF system and heavy-duty motor requirement as specified.

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Features & Performance

Key Features

- 3 HP electric drive with single-phase operation.
- Three-roller feeding arrangement.
- Electric as well as manual operation.
- Heavy-duty motor with ON/OFF system.
- Cast-iron roller bracket, wheel and motor pulley.
- Mild-steel structural and transmission components.
- High-carbon cutting blades.
- V-belt transmission from motor to pulley.
- Approximate output capacity of 500 kg per hour.
- Output chaff size specified as 10–12 mm.

Operating Characteristics

Characteristic	Specified Value
Motor Speed	1440 RPM
Supply Frequency	50 Hz
Voltage	150–220 V (low voltage)
Motor Power	3 HP
Phase	Single Phase
Output Speed	300–350 RPM
Rotation	Clockwise
Drive	V-belt (B-107 to 110) / manual wooden handle

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