

CHAFF CUTTING MACHINE



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Introduction

A chaff cutter is a mechanical device for cutting straw or hay into small pieces before being mixed together with other forage and fed to horses and cattle. This aids the animal's digestion and prevents animals from rejecting any part of their food

Chaff and hay played a vital role in most agricultural production as it was used for feeding horses. Chaff cutters have evolved from the basic machines into commercial standard machines that can be driven at various speeds and can achieved various lengths of cuts of chaff with respect to animal preference type. New chaff cutter machines include portable tractor driven chaff cutter - where chaff cutter can be in the field and load trolleys (if required).

Product Description

Product introduction:

The machine adopts the turrent , flywheel, fan, trinity design, The cutter is steel welded structure , work steady ,low noise ,Strong and durable , safety and reliable .The cutter is convex shape , work steady, Cutting length uniformity without deviation, This cutter is design of "u" shape . Safety and save power, The cutter can cut different length such as 10mm.16mm, 23mm. 33mm. and the throw distance lengthen out to 10 meters . the machine can be suitable to large and middle cow space , sheep space, and feed process factory , and also suitable to cut pasture , straw, hay, corn straw, and can be used for strew return to field of agricultural high temperature manure

Structure and working principle: It is driven by motor and makes the driving of main shaft by belt. Under the high-speed rotation with cutter and hammer making the feed become filiform and powder, the feeds will be outflow from the material outlet through sieve.

Operation instruction:

1. Please carefully understand machine structure and performance before it operation
2. Please firstly select process material , No metal .no stick ,No stone it's avoid to damage parts of machine and other faulty
- 3) If machine makes abnormal noise should stop working immediately .after machine works normally, then can put materials into it ,but the material must be moderate to avoid damage of motor equipment and parts if the machine overload work.
- 4) When crush the cropper must be close and fix feeds inlet. And fix the collect bag in the bottom of material outlet.

Before open the material inlet and must be control the cropper is moderate and avoid to machine overload work. .

- 5) Please close the material inlet switch when the machine is working, and fix collect bag of material outlet, and put straw or other feed into material inlet properly, otherwise it will make the machine overload work.

6) Please open the small flashboard in the middle of material inlet if you grind feed, please open the big flashboard of material inlet when grind corn Stover, as the same times, please close flashboard side of machine material inlet and bottom of material outlet. Crushed by blower arrive collect bag

7) Please close the top of material flashboard and although side of material inlet when grind straw or other feeds, if the straw humidity less than 20%, it's can be blow out by blower. If the straw humidity is too big, please install big blower and close the material outlet of blower and material will be come out form the bottom of outlet.

8) Please keep the machines working 3mins until all the material come out from machine after stop work

Safety check:

1) Work place is spacious, away from the fire, with Fire protection equipment

2) Please check the wire connection is reliable and whether leakage electricity phenomenon, as the same times installs reliable wire under land.

3) Please open machine cover check whether all of parts are loosen or crush chamber has foreign body.

4) Rotation main bearing by hand, its must be flexible, no block and no rub, no abnormal sound and the belt should not be too loose or too tight

5) Start work after the machine idle about 2-3 minutes and check the machine whether the parts are loose. Everything is normal and operation again

6) The machine must be installed security shield when it is working.

2HP ELECTRICAL CHAFF CUTTER MACHINE



We offer 2hp single phase chaff cutter machine [vertical model] which is a 2 HP single phase model .these are used for various purposes

Machine Specification

Overall width	965mm
Overall height	1250mm
Gear	MS body
Wheel material & diameter	MS & 765mm
Capacity	400kg/hr.
Weight	135kg
Cutting blade	high carbon steel
Bearing size	6306 & 6205
V-belt size	b- 102
Electric motor	1440 rpm [single phase]

3HP MOTOR OPERATED CHAFF CUTTER MACHINE



We Offer 3 Phase Chaff Cutter Machine Like 3 HP Phase Reverse Forward [HeavyDuty] Model Are Used For Various Purposes

Machine Specification

Overall Width	1333mm
Over Length	1536mm
Overall Height	1415mm
Wheel Diameter	885mm
Capacity	700kg/hr.
Motor Pulley Diameter	100mm
Weight	220kg [Including Motor]
Cutting Blades	High Carbon Steel [2nos]
Bearing Size	6306&6205
Blade Size	510mm

V-Belt Size

B-102

Electric Motor

1440rpm

5 HP MOTOR OPERATED CHAFF CUTTER



We Offer Reverse Forward Blower Type Chaff Cutter Machine It's A 5 Hp 3 Phase Reverse Forward With Blower System [Heavy Duty] Model Offered To The Client Which Are Used For Various Purposes

Machine Specification

Overall Width

1250mm

Overall Height

1100mm

Gear

MS Body 2 Joint

Wheel Material Diameter

Iron Wheel &670mm

Capacity

1000kg/hr.

Weight

245 Kg

Cutting Blade	High Carbon Steel [3no]
Blade Size	8mm Thickness
V-Belt Size	B-80 [2nos]
Electric Motor	1440 Rpm 3 Phase

5 HP DIESEL ENGINE OPERATED CHAFF CUTTER



We Offer Reverse Forward Blower Type Chaff Cutting Machine it's A 5 HP Diesel Engine Operated Reverses Forward With Blower System [Heavy Duty] Model Offered To the Client Which Are Used For Various Purposes

Machine Specification

Overall Width	1250mm
Overall Height	1100mm
Gear	MS Body 2 Joint

Wheel Material & Diameter

Iron Wheel & 670 Mm

Capacity

1000kh/hr.

Weight

245 Kg

Cutting Blade

High Carbon Steel [3no]

Blade Size

8mm Thickness

V-Belt Size

B-80 [2nos]

5hp Diesel Engine

Top Land [1440 Rpm]

TRACTOR OPERATED CHAFF CUTTER



We Offer Reverse Forward Blower Type Chaff Cutting Machine it's A Tractor Operated Reverse Forward With Blower System [Heavy Duty] Model Offered To The Client Which Are Used For Various Purposes.

Machine Specification

Overall Width	1300mm
Overall Height	1100mm
Gear	MS Body 2 Joint
Wheel Material & Diameter	Iron Wheel & 715mm
Capacity	2000kg/hr.
Weight	350 Kg
Cutting Blade	High Carbon Steel [3nos]

Blade Size

8mm Thickness

V-Belt Size

C-63 [2nos]

Chaff Cutter Rpm

540 Rpm