

## **Warranty Certificate**

(KISANKRAFT COPY)

**Important:** (1) Normal maintenance and adjustments to the product is the responsibility of the customer. (2) Normal wear and tear is not covered under warranty. (3) Rubber/plastic parts and consumables such as blades, clutch and clutch-bell, spark-plugs, nylon line, air-filters, fuel-filters, oil seals etc. are not covered under the warranty.

### No Warranty On Electrical Motor / Electrical Parts / Battery Etc.

**Incidental / Consequential Loss:** KisanKraft Limited or its manufacturers will not be liable for general damages, including bodily injuries, or for incidental or consequential damages including, but not limited to, loss of use, loss of profits, loss of production, expense of substitute equipment or other commercial loss or damage.

**Limitation of Liability:** This limited warranty is in lieu of all other express warranties, obligations, or liabilities. Any implied warranties, obligations or liabilities, including, but not limited to, any implied warranty of merchantability shall be limited in duration to the applicable warranty period. Any action for breach of any warranty hereunder, including, but not limited to, any implied warranty of merchantability must be brought within the applicable warranty period.

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Jurisdiction: All disputes are subject to Bangalore court's jurisdiction.

# Our Products

- ◆Chainsaws◆Brush Cutters and Accessories◆Harvesters ◆
- ◆Engines and Water Pumps◆Hand Tools◆ Garden Tools◆
- ◆Cultivators and Accessories ◆Sprayers and Accessories◆
- ◆Transplanter and Post Hole Digger ◆ Milking Machines ◆

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KisanKraft Limited (Formerly known as KisanKraft Machine Tools P Ltd.)

: www.kisankraft.com

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KisanKraft<sup>®</sup>

## **Warranty Certificate**

(DEALER COPY)

Product	Chaff Cutter	KisanKraft Invoice Date		
Brand	KisanKraft	KisanKraft Invoice No.		
Model	□ KK-FEC-2500 □ KK-FGM-1000 □ KK-FGM-1300 □ KK-FGM-1500 □ KK-FGM-200	<ul> <li>□ KK-FGM-300</li> <li>□ KK-FGM-450</li> <li>□ KK-FMC-1200</li> <li>□ KK-FMC-400</li> <li>□ KK-FMC-500</li> </ul>		
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Buyer's Info (Name, Address, Phone, etc.):		Dealer's Stamp (Address, Phone, TIN, etc.):		
Buyer's Sign		Dealer's Sign		

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- (6) Repairs made by unauthorized parties and/or with unauthorized parts, (7) Improper set up, adjustments, tampering or altered products

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## **Wide Range of Products for Every Need**



For more information give MISSED CALL: 07676065555



Many of our products have BIS: ISI certification.



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CHAFF CUTTER FEC-2500,FMC-400/500/1200 FGM-200/300/450/1000/1300/1500

## **User Manual**



## KisanKraft Limited

(Formerly known as KisanKraft Machine Tools Pvt. Ltd.)

Sri Huchhanna Tower, #4,1st Main,7-A Cross, Maruthi Layout, Dasarahalli,
HAF Post, Hebbal, Bangalore 560024,Karnataka,INDIA

- ♦ Bangalore (HO) ♦ Ahmedabad ♦ Bhopal ♦ Bhubaneswar ♦ Coimbatore ♦
  - ♦ Ernakulam ♦ Guwahati ♦ Patna ♦ Hinudpur ♦ Hubli ♦ Hyderabad ♦
- ◆ Jaipur ◆ Karnal ◆ Kolkata ◆ Lucknow ◆ Nagpur ◆ Pune ◆ Raipur ◆ Shimla ◆



### CHAFF CUTTER FEC-2500,FMC-400/500/1200 FGM-200/300/450/1000/1300/1500

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## **PRODUCT RANGE**

KisanKraft has a large range of products to serve the farmers. A list of our products is given below:

#### **Brush Cutters and Accessories**

Brush Cutter/Power Weeder

Backpack Brush Cutter

Tea Pruner

Pole pruner with Engine

Reaper Attachment

Blades-Circular

Blades (2 &3 points)

Baffle

Nylon Rope

Tap & Go

#### **Chainsaws**

Petrol Chainsaw

**Electric Chainsaw** 

Chain Sharpening Machine

#### **Engines and Water Pumps**

Engine - Diesel-(Horizontal)

Engine -Diesel(Vertical)

Engine-Kerosene

Water Pump with Petrol Engine

Water Pump with Kerosene Engine

Water Pump with Diesel Engine

#### **Hand Tools**

Secateurs

**Folding Saw** 

Garden Rake

Garden Shovel

Hedge Shear

Lopper

Telescopic Hedge Shear

Telescopic Lopping Shear

Tree Pruner

Telescopic Steel Pipe & Fruit Picker Bag

Sheep Shear

#### **Garden Tools**

Electric Pressure Washer

Hedge Trimmer

Lawn Mower (Electric, Petrol & Manual)

Leaf Blower

#### **Cultivators and Accessories**

Petrol and Diesel

#### **Sprayers and Accessories**

Battery Sprayer

Portable Power Sprayer

Trolley Sprayer

Manual Knapsack Sprayer

Manual Pressure Sprayer

Rose Cans

Hose Crimping Machine

HTP Sprayer

HTP Delivery Hose

HTP Hose Reel

HTP Stand

HTP Gun / Lance(Brass Rod

Knapsack Power Sprayer

Mister / Duster / Granuel Spreader

HTP Sprayer Set with Diesel Engine

HTP Sprayer Set with Kerosene Engine

Fogging Machine

#### Milking Machine

Wood Shredder

Fodder Ensiling Chaff Cutter

Fodder Grinder Chaff Cutter

Fodder Mini Chaff Cutter

#### Harvester

Maize Sheller

Maize Sheller + Dehusker

Maize Combine Harvester

Onion Digger Carlotti Italy

Tea Leaf Harvester

Sugarcane Combine Harvester

Sugarcane Leaf Stripper

#### **Transplanter and Post Hole Digger**

Paddy Transplanter (2 & 8 Rows) Transplanter-Vegetable & Tobacco Post Hole Digger(4" to 14"Augers)





### CHAFF CUTTER

### FEC-2500,FMC-400/500/1200 FGM-200/300/450/1000/1300/1500

## **TROUBLESHOOTING**

Problem	Cause	Remedy	
Length of cut	The gap of moving knife and still knife is too large	Adjust the gap of moving knife and still knife.	
uniform	The blade is not sharp	Sharpen the blade	
	Grass with hard objects such as wire.	Pick out the grass hard object.	
	Fasteners are loose.	Tighten the fasteners	
Abnormal sound from the machine	Rotating parts lack oil Lubrication		
nom the machine	The gap of moving knife and still knife is too small.	Adjust the gap of moving knife and still knife.	
	Feeding amount is too large.	Reduce the feed rate.	
Feeding difficulties	Winding grass is around	Remove winding grass.	
T eeuing uninculies	Broken spring	Replace with a new spring	
	Rotating parts are winded up with grass	Stop and clean the grass	
Machine doesn't work properly	Main shaft bearing is damaged	Replace the bearing	
	Lack of lubrication	Add lubricant on time.	



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## CHAFF CUTTER

FEC-2500.FMC-400/500/1200 FGM-200/300/450/1000/1300/1500

#### TECHNICAL SPECIFICATIONS

Models	Electric HP	Diesel HP	RPM	Max. Output (Green)	Max. Output (Dry)
KK-FEC-2500	5.5	8.0-12.0		2500	1000
KK-FGM-1500	7.5-10	10.0-15.0	4600	1500	800
KK-FGM-200	2.0-3.0		4000		200
KK-FGM-300	3		4000		300
KK-FGM-1000	7.5-10.0		4600		1000
KK-FGM-1300		10.0-13.5	4000		1300
KK-FGM-450	3.0-4.0				450
KK-FMC-1200	3.0-4.0		3000	1200	700
KK-FMC-400	3			400	
KK-FMC-500	3			500	

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## CHAFF CUTTER FEC-2500.FMC-400/500/1200

FGM-200/300/450/1000/1300/1500

#### **MAINTENANCE**

In order to ensure your machine work properly, and has long service life, maintenance is a must. Follow the instructions given below:

- 1. Apply oil (lubrication) to all the rotating places like toothed gear and shaft sleeve constantly to ensure smooth movement. Add lithium-based grease to the antifriction bearing once in a year in order to avoid damage.
- 2. When the knife is blunt (if used continuously for 8 hours), you should cut sharpening in time. When cut sharpening, the moving knife should cut the slope, the still knife should cut the upper place.
- After use, clean the residual grass and dust on the machine, cover it from dust and keep it in a safe place.
- 4. Regularly check fastening bolts, nuts, especially after operation for the first time. If there are any loose screws tighten them immediately.
- Check for any worn or damaged parts, repair if possible or replace if necessary.
- Clean the machine of the remains and store in a place without moisture.
- 7. Do not use acidic or alkaline agents to clean the spare parts. Use degreasing agents instead.



### CHAFF CUTTER FEC-2500.FMC-400/500/1200 FGM-200/300/450/1000/1300/1500

#### **BEFORE GETTING STARTED**

Thank you for your purchase and use of our products. In order to avoid accidents or injury, please read this manual carefully before using the machine. After reading, preserve it for further reference.

#### **APPLICATION**

Our Chaff Cutters are mainly used for cutting dry maize straw, rice straw and other crop straw and all kinds of forage grass. It is of great help in breeding cattle, sheep, horses, deer, such as livestock etc., Its features include compact structure, occupies less volume, light weight, steel body ensuring high safety and reliability. It uses single- phase power supply which is easily available, and convenient to use.

FEC (Fodder Ensiling Chaff Cutter) is mainly used for cutting grass (fodder) and converting into vermicompost (manure).

**FGM** (Fodder Grinder Chaff Cutter) is used for grinding the fodder (grass etc.) into powder. FMC (Fodder Mini Chaff Cutter) is used for cutting the fodder (grass) into small pieces.

#### SAFETY SYMBOLS & PRECAUTIONS

	Please read the instructions given in this manual before operation
٥٠٠	Do not use hand, stick or iron rods while feeding or clearing the jams near the mouth
	Cut off the power supply before performing any repair or maintenance work. Wait till all the moving parts come to rest after stopping
	Do not remove the safety shield on the safety cover
	ENSURE THAT THE MACHINE IS PROPERLY GROUNDED BEFORE EACH USE.

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## CHAFF CUTTER

#### FEC-2500,FMC-400/500/1200 FGM-200/300/450/1000/1300/1500

#### **SAFETY PRECAUTIONS:**

- 1. Strictly follow all the instructions given in this manual
- 2. Do not open the security guard of the machine during operation.
- Stop and check the machine for any defects if you hear any abnormal sounds during operation.
- 4. The power supplied to the machine need to be earthed. Switch off the power supply if you observe any abnormalities during operation.
- Do not change the size of the pulley.
- Do homework so that the operator is familiar with the operation of the machine, their controls and functionality.
- Make sure that the material to be crushed is not mixed with iron, stone or any other debris
- 8. Make sure the work place is spacious, has adequate ventilation and does not contain any inflammable materials which may cause fire.
- Children under the age of 16 and others who don't understand the instructions given in this manual should not be allowed to operate the machine.
- 10. The operator should wear tight clothes, safety helmet covering long hair.
- 11. Before starting the machine check whether magnetic protection device and security guard are installed properly, also check for proper direction of rotation, proper locking of the chassis and if the sieving slice is installed properly.
- Do not operate the machine if you are tired, sick, or under the influence of any drugs or alcohol.
- Any repair or maintenance work is done only after cutting off the power supply, and wait for all the moving parts to stop completely.
- 14. Do not use hands or sticks to clear the feeding mouth jam.
- Before starting the machine, make sure that the children, animals or pets are far away
- Even after stopping the machine do not let the children climb up the machine or play around.



### CHAFF CUTTER FEC-2500,FMC-400/500/1200 FGM-200/300/450/1000/1300/1500

#### INSTALLATION AND TRIAL RUN

- Open the upper cover of chaff cutter, make sure there are no remains inside the feeding mouth and then assemble the motor.
- While assembling the motor, make sure the center line of both belts pulley groove are aligned properly. Adjust the tightness of triangular belt. The spindle should turn in accordance with direction of arrow on the belt guard cover.
- 3. Now install the belt guard cover.
- 4. Power supply should be near to the machine for easy use.
- 5. Knife section and shim interval should 0.1-0.3(mm) standard. If you need to adjust, loosen lock nut first, tap on moving cutter with stick, and make it in and out. When you are checking if the gap is qualified with feeler gauge, screwing the nut, and then check until it is up to standard.
- The machine should always lay flat, the place from where grass comes out should be in the direction of the wind.
- Before opening the machine, you must check all the parts are correct and must not become less crowded
- Turn on the power, idle run the machine for 1-2 minutes. When the machine runs normally, you can start feeding.
- Check the gearbox oil level before first use. The oil level should be at least half of the depth of the gear box. Insufficient oil should be corrected by filling oil needed.
- 10. Check if all the parts are tight before starting the work.

### **OPERATION INSTRUCTIONS**

- 1. Before starting the operation, ensure that all the fasteners are tight.
- After starting the machine, idle run it for 3-5 minutes. Start feeding only after ensuring normal operation while running. For crushing, gradually open the feed adjustment plate and start feeding under normal load conditions.
- Do not overload the machine. Remove any processed materials consisting metals, stones etc. Or any other stuff which can cause damage to the motor or any other part of the machine.
- 4. Do not feed with hands, bars and sticks.
- The machine speed may drop due to over feeding. Give breaks, by stopping the machine at times. Restart the machine after cleaning/clearing the crushing cavity which got accumulated.
- Do not start the machine without tightening the mouth bolt or if the upper or lower shell is not closed properly.
- Once the work is finished Idle run the machine for 1 to 2 minutes before stopping it completely.

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