



1-D 2-D 5-D 10-D 15-D

Fodder Processors



High productivity and durability!



FACTORY ITAPIRA, SP



FROM BRAZIL TO ALL CONTINENTS OVER 50 COUNTRIES



FACTORY SÃO JOÃO DA BOA VISTA, SP

**Stationary Machines Line – Fodder Processors
JF, the solution for the farmer!**



STATIONARY MACHINES LINE

JF Fodder Processors have high resistance and durability and, besides that, they have an excellent productivity. They combine quality, strength, endurance and accuracy in the processing of several crops. Ideal for farmers who need to feed their livestock in a daily basis, JF fodder processors are indicated for animal fodder production, such as cattle, poultry and pigs among others.

Its powerful and quick rotor has high resistant hammers and knives that grind grains and maize cobs for producing concentrate ration besides cutting grass, sugar cane and roots for green fodder preparation.

Application: Grind dry corn grain and cobs, chop sugar cane, tropical grasses, cassava, fine branches and other green products with superior quality.



Fixed hammer rotor



Sieves of 0,8 -1,5 (JF 1D only) - 3 - 5 and 10mm and flat bottom



Moving hammer rotor



VERSIONS	JF 1D	JF 2D	JF 5D	JF 10D	JF 15D
Stand	✓	✓	✓	✓	✓
Base for electric motor	✓	✓	✓	✓	✓
Base for diesel engine		✓	✓	✓	✓
Cyclone			✓	✓	✓
3 point linkage for tractor				✓	✓

TECHNICAL FEATURES	JF 1D	JF 2D	JF 5D	JF 10D	JF 15D
Productivity (kg/h)²					
Maize grain					
0,8mm	---	up to 65	up to 150	up to 200	up to 230
1,5mm	up to 40	---	---	---	---
3mm	up to 100	up to 350	up to 700	up to 950	up to 1070
5mm	up to 180	up to 750	up to 850	up to 1150	up to 1290
10mm	up to 320	---	---	---	---
Cob					
5mm	---	up to 250	up to 450	up to 550	up to 620
10mm	---	up to 350	up to 700	up to 850	up to 950
Green fodder					
Flat bottom	up to 800	up to 850	up to 3000	up to 4000	up to 4480
Required electric motor power ¹	1,5 hp (direct in the rotor)	up to 3 hp	up to 10 hp	up to 15 hp	up to 20 hp
Number of blades	2	2	2	2	2
Number of moving hammers	---	6	16	20	24

¹The motors, cyclones, sieves and engines are optional and sold separately.
²Productivity might vary and depend on factors like: tractor, motor or engine power, labor availability, type and quality of forage. The grain size/productivity are directly linked to the grain moisture content.

Advantages

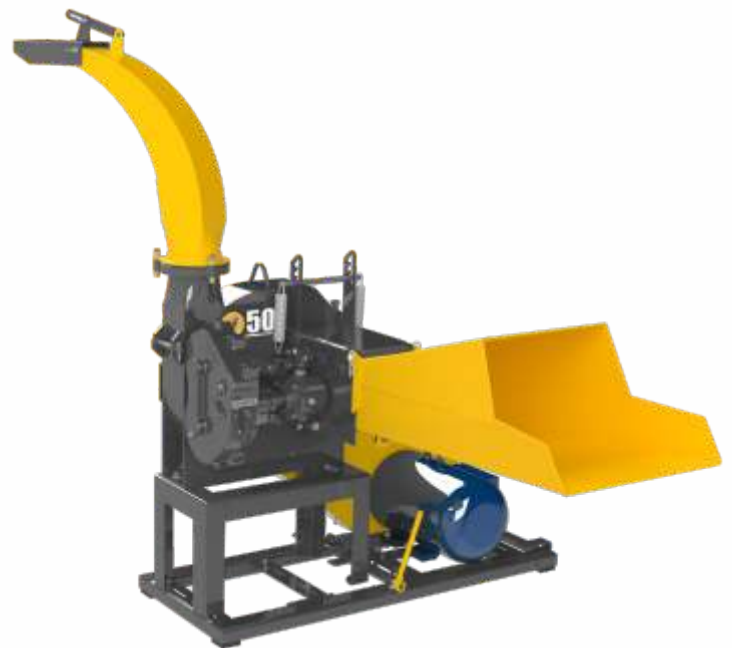
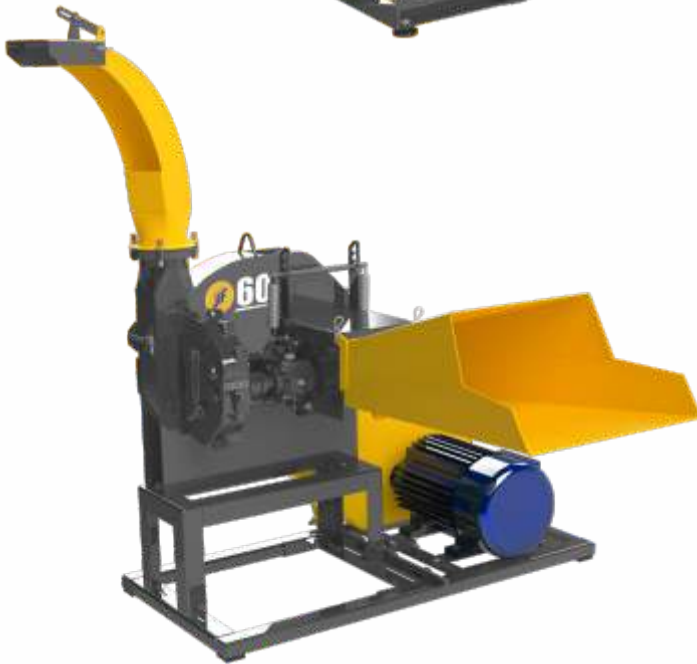
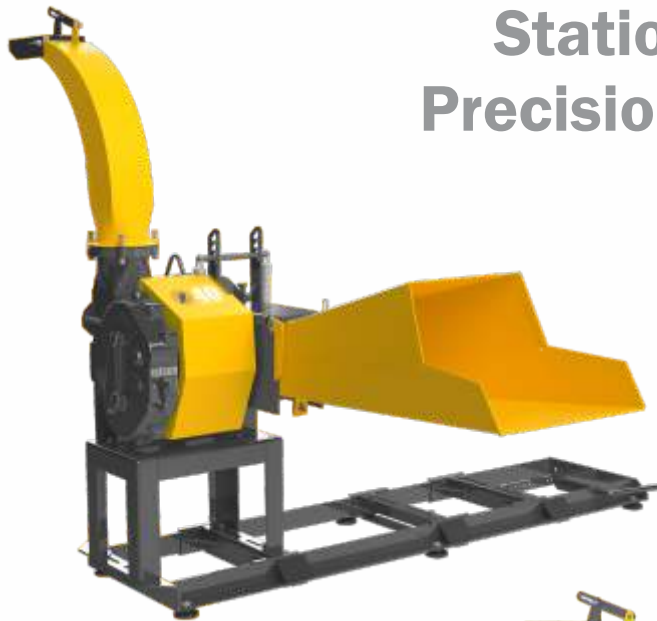
- Double function in one single equipment: chop green forage and grind grains;
- Higher durability and resistance;
- Full usage of ground material resulting in higher production performance;
- Easy operation and low maintenance;
- Optional cyclone that make easy ground material bagging;
- Available with base for driving with electric motor, diesel /gasoline and tractor PTO.

The technical data and images are only for guidance purposes. In an effort to provide products that meet customer needs, JF reserves the right to update them at any time without prior notice.



40-50-60 Maxxium

Stationary Machines
Precision Forage Chopper



The most productive and reliable ones in the market!



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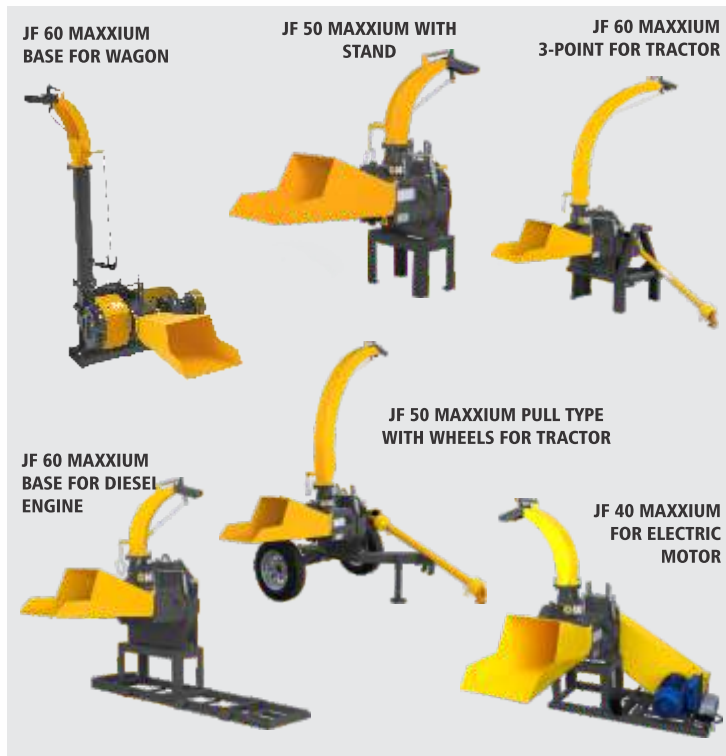


STATIONARY MACHINES LINE

JF Precision Forage Choppers were designed specially for the most demanding farmers that need to become more technical and improve the quality of feeding of their livestock. They deliver superior productivity, a precise and unique transmission system and excellent chop quality resulting from perfect synchronization of the feeding drums.

Its powerful rotor with 4 knives chops grass, sugar cane, sunflower, maize, sorghum and other forage, with precision and excellent distribution of particle sizes. They are technically recommended for silage making and are ideal for fresh cut feeding also.

Several options of capacity and versions allow the farmer to choose which one meets best his needs to produce a quality feed with low operating cost.



VERSIONS	JF 40 MAXXIUM	JF 50 MAXXIUM	JF 60 MAXXIUM
Base for electric motor	✓	✓	✓
Base for diesel engine	✓	✓	✓
3 point linkage for tractor		✓	✓
Pull type with wheels for tractor		✓	✓
Base for wagon		✓	✓

TECHNICAL FEATURES	JF 40 MAXXIUM	JF 50 MAXXIUM	JF 60 MAXXIUM
Productivity ¹	2000 to 7000 kg/h	2000 to 9000 kg/h	5000 to 16500 kg/h
Cut sizes ²	5 and 13 or 8 and 13mm		
Number of blades	4		
Required electric motor power	7,5 to 10 hp	10 to 15 hp	20 to 35 hp
Required revolution ³	1400 to 1600 RPM		

Motors are optional and sold separately.
¹Productivity may vary according to factors like chop size, massa per hectare, transport availability, and tractor power. For stationay machines, productivity may vary according to workforce availability, feeding rate, motor power and product quality.
²Chop size of 8mm and 13mm is optional and must be requested when buying the equipment.
³Rotor RPM varies according to motor power used.

Advantages

- Chop size changing by lever. The only one in market able to change chop size with the machining running in low rotation. Easy and quick handling;
- Transmission and particle size control systems are strong, simple and synchronized. Drive from cut size gearbox to feeding drums are made by cardan shafts and gears which ensure a precise and well distributed chopping;
- Exclusive direct drive transmission system for models JF 50 and JF 60 Maxxium PTO driven version, resulting in higher efficiency and higher output;
- High resistance machine because of heavy duty rotor with 4 hardened steel blades and sealed cut size changing box;
- Excellent particle size quality with sizes 5mm and 13mm or 8mm and 13mm which results in a better quality of fodder for the animal.

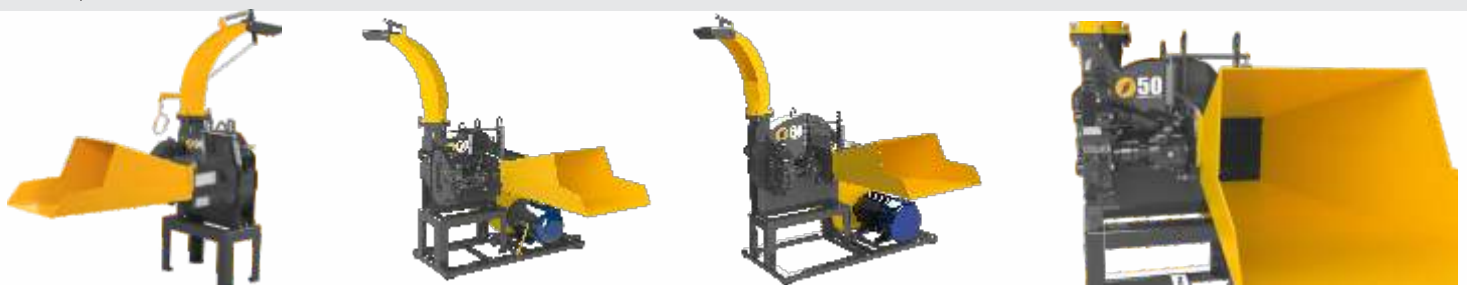


TRANSMISSION WITH GEARBOX DIRECTLY TO THE ROTOR
For JF 50 and 60 Maxxium PTO driven versions



GEARBOX
Cut size change can be done with the machine running in low rotation

Technical Description: Precision forage choppers with productive capacity according to the technical specifications table of this document, featuring feeding nozzle, rotary discharge chute, deflector, chop size selection gear box, transmission cardan shafts, helicoidal transmission gearbox, spring for feeding drums, crown and pinion housing, rack (stand) and rack with wheels, strong rotor with 4 knives for cutting grass, sugar cane, sunflower, maize, sorghum and others, knives built in special and hardened steel, counter-knife with 2 lives, lever for changing the chop size with machines running in low rotation, transmission by cardan shaft and gears. In order to know models and versions, required power and rotation please check the technical specifications table available in this document.



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JF 70 / JF 80

Hammer mills

The **JF 70** and **JF 80** hammer mills are characterized by their robust and efficient design, which allows for the effective crushing of dry grains, including corn, cobs, cereal straws, and seeds. Notably, the JF 80 model is widely utilized in the production of high moisture grain silage, further enhancing its versatility. Both models are compatible with tractor operation, and the JF 80 model offers the added option of electric motor operation. These machines are renowned for their high performance, enabling farmers to save valuable time while producing highly nutritious animal feed. The efficient crushing of grains ensures that livestock receive a consistent and easily digestible source of nutrition, ultimately contributing to their overall health and well-being.



BENEFITS

- ✓ Heavy-duty construction;
- ✓ High performance;
- ✓ Simple operation and low maintenance cost;
- ✓ Lateral discharge to work with the cutting floor (JF 80);
- ✓ Can be used to crush green coconut and vegetable waste (JF 80).



TECHNICAL SPECIFICATIONS

	70	80
Production	up to 2.500 kg/h	up to 15.000 kg/h
Required tractor power	36 hp	65 hp
Required electric motor power	-	30 hp
Drive	tractor PTO	tractor PTO / electric motor
Rotation	3.320 up to 3.670 RPM	1.800 up to 2.000 RPM
Number of hammers	36	48
Weight	255 kg	350 kg
Versions	tractor	tractor or electric motor mount
Sieves	0,8 / 3 / 5 / 8 / 10 mm (standard)	3 / 5 / 8 / 10 / 14 / 18 mm (not included)