



KANGURU 270 S2

Grain Bagger



Take care of your harvest inside your bag!



FACTORY ITAPIRA, SP



FROM BRAZIL TO ALL CONTINENTS OVER 50 COUNTRIES



FACTORY SÃO JOÃO DA BOA VISTA, SP

**Packing and Storage Line
JF, the solution for the farmer!**



PACKING AND STORAGE LINE

JF Kanguru 270 S2 Grain Bagger is a mobile station for storage of grains or fertilizers and you can take it wherever you need. The concept is to take care and store your harvest of grains in a bag in an anaerobic and stable temperature environment.

JF Kanguru 270 S2 was developed as solution for logistic and storage problems of grain producers. It can be used by small or large scale farmers, including those who already have a fixed silo and that at any time can increase the production volume. This system makes storage easier and cheaper and allows selling the grains at the best time of the market. The farmer might be paid a much better price for the grain when using bag storage.

TECHNICAL FEATURES	JF Kanguru 270 S2
Power source	tractor PTO
Height (working position)	3580mm
Height without hopper	3070mm
Bag	9 feet
Width (working position)	4390mm
Width (transport position)	2600mm
Required power at PTO	25 hp
Required revolution at PTO	200 RPM
Wheels	275/70 R16 x 16
Productivity ¹	up to 220 ton/h continuous flow
Weight	1360 kg

¹Productivity posted in the tables are averages obtained in test conditions and can vary according to the degree of humidity of the forage, specific weight and working conditions.



Disc Brake



Belt transmission



Brake system manometer



Polyethylene feeding nozzle

Advantages

- Grain selection: allows separate storage of different grain batches;
- Low investment: much cheaper than a fixed storage unit;
- Mobility: easy setup on strategic places, which results in logistic savings in the storage operation;
- Profitability: the system makes possible a higher profit allowing selling the crop in the best moment of the market;
- Stores different sorts of grain: corn, beans, wheat, oats, sorghum, soybean, fertilizers, sesame etc.
- Cost reduction: allows saving electric energy costs of silo and cheaper freights out of harvesting season;
- Advanced disc brake system for a precise braking action and uniform filling of bag
- Simple mechanism: easy operation and maintenance;
- Hoist with wireless control;
- Bag tray with height adjustment by crank and auger;
- Larger tire for improved grip and stability;
- Hopper with new design for easier loading;
- Easy locking system for hopper;



Grain Bagger with 9 feet bags

Technical Description: Grain bagger for storage of grains in 9 feet bag, powered by tractor PTO, featuring polyethylene feeding nozzle, disc break by hydraulic system, brake system manometer to verify brake pressure, special lever for opening and closing of brake valve, driven by cardan shaft, belt transmission, transporting auger, pulley alignment system, bag tray, adjustment system for alignment on surface by specific chains, draw bar for transporting position, ladder, ratchet, hanger for bag fitting, support stand, wheels 275/70 R16 x 16, required revolution at PTO of 200 RPM, required power at PTO starting on 25hp.



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.



SILO MASTER FORAGE

Forage Bagger



Take care of your animal feed in a simple, clean and effective way!



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BAG STORAGE LINE

JF revolutionizes its Storage Equipment Line launching in the market **JF Silo Master Forage**, a forage bagger thought for the farmer that wants to reduce labor cost and implement a simple operational process in order to enhance the quality of silage through improving its storage.

JF's bagging technology isolate the forage from contact with air, dirt, soil and other external factors, decreasing losses in volume and quality of silage because of better storage and faster fermentation (losses up to 2% inside bag versus up to 20% in traditional system). A better preserved silage offers better nutrients for the livestock, increasing its performance both in milk and beef production.

JF Silo Master Forage features an adjustable feeding conveyor belt driven by hydraulic motor, high quality disc braking system for adjusting ensiling density for better preservation and more uniform filling of bag. Its simple and strong transmission makes it a reliable choice for improving silage quality through better storage.



Advanced brake system



Design avoids bag tearing



Optional Cracker system

TECHNICAL FEATURES	JF Silo Master Forage
Power source	tractor PTO
Height (working position)	2035mm
Bag	6 feet
Width (working position)	3235mm
Width (transport position)	2680mm
Required power at PTO	45 hp
Required revolution at PTO	540 RPM
Tires	215 80 x 16
Productivity ¹	up to 25 ton/h continuous flow
Weight	1210 kg

¹Productivity posted in the tables are averages obtained in test conditions and can vary according to the degree of humidity of the forage, specific weight and working conditions.

Advantages

- Total isolation of silage material for better preservation;
- Advanced disc brake system for better packing of forage and more uniform filling of bag;
- Adjustable feeding conveyor belt driven by hydraulic control;
- Grain outlet design avoids bag tearing;
- Up to 10 times less losses than other storage systems;
- Easy bag filling;
- Robust transmission;
- Option to change the Forage Bagger to Cracker Grain Bagger (for moist grain).



Adjustable feeding conveyor with hydraulic control

Technical description: Bag storage equipment for forage with diameter of 6 feet, equipped with adjustable feeding conveyor belt driven by hydraulic control, disc brake powered by hydraulic cylinder, cardan shaft, feeding conveyor belt driven by hydraulic pump, front shield, feeding conveyor belt stretcher, transmission by crown and pinion, protective cover of conveyor transmission, transporting auger, rounded bag outlet, manometer, draw bar, cardan shaft, jack, wheels, tray, hydraulic pump, wheels 215 80 x 16, equipment ready for coupling cracker kit in order to change the equipment from Forage Bagger to Moist Grain Bagger replacing the feeding conveyor belt, 540 RPM Required revolution at PTO and required power at PTO of 45 hp.



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GRAIN EXTRACTOR UP 270 S2

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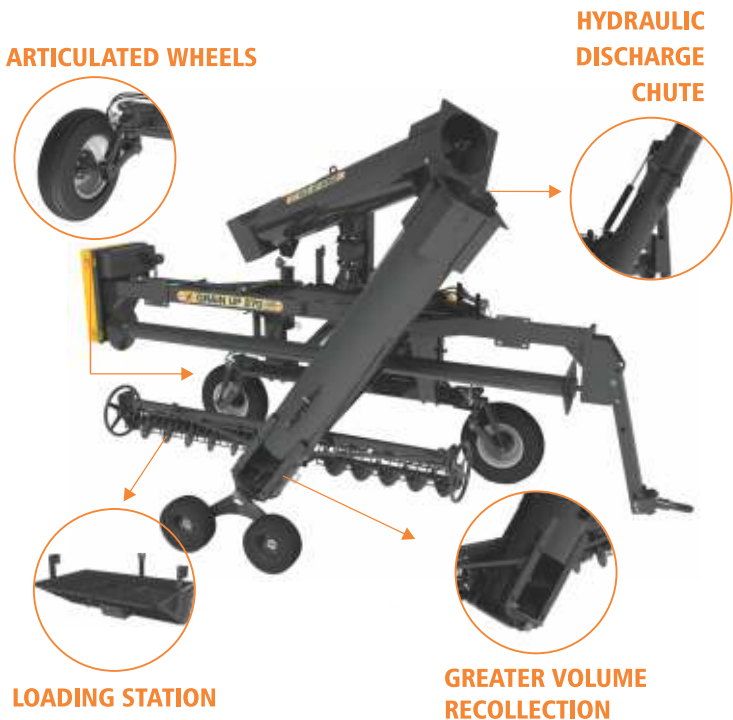


JF Grain Up Grain Extractor has a modern transmission system and an innovative system of work and transportation. It features an incomparable mobility, high capacity and also a version with tray loading station included.

JF Grain Up was designed using high technology such as the auger that extracts quickly and efficiently grains stored in 9 feet bags and transport with precision to trucks or grain bins without losses and without damaging the grains.

The system allows the machine to extract the grains while it cuts and roll the bag in a synchronized movement with the loading auger.

Another highlight of JF Grain Up is the tray system (optional) that can receive the grains from trucks or trailers and turn the JF Grain Up into a loading station.



TECHNICAL CHARACTERISTICS	JF Grain Up 270 S2
Driving of augers	tractor PTO
Driving of bag roller	hydraulic engine
Height of machine in working position	5.350.mm
Unloading height in working position	4.300mm
Length of machine in working position	4.200mm
Width of machine in working position	6.650mm
Height of machine in transport position	3.300mm
Length of machine in transport position	2.500mm
Width of machine in transport position	5.600mm
Articulation of discharge chute	hydraulic cylinder
Working capacity	up to 210 ton/h of continuous flow
Bag diameter	9 feet
Width of sweeping auger	2.900mm
Tires	7,5 x 16 (10 Lonas)
Power required on PTO	from 60hp
Required revolution on PTO	540 RPM
Weight	2.462 kg

* The productivity numbers informed on charts of this brochure are average obtained from test conditions may suffer variations according to the humidity of product, specific weight and working conditions.

Advantages

- Operated by a tractor with double remote controls that drive the discharge chute and the and the bag roller
- Speed adjustment valve for bag roller according to the type of grain and discharge flow
- Blade system adjustable according to the bag height: precise, continuous, smooth cut in perfect synchronism with bag roller and augers
- Wear resistant special augers with the highest thickness of its class
- Special filler for withdrawing with with safety and without losses the grains or fertilizer located at the end of the bag





CompactSilo

Forage Packer



When packing is taken seriously!



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PACKING AND STORAGE LINE

Striving everyday to develop innovative solutions to improve cattle feeding quality, JF presents **JF Compactsilo**.

With an exclusive design and 2m working width it will allow a better packing of forage resulting in a faster process of preservation of forage by anaerobical fermentation and more forage packed per cubic meter, decreasing storage costs and improving nutritional value of feed.

JF Compactsilo was designed for farmers and contractors that take forage packing seriously. When using JF Compactsilo silage will have a more efficient packing and it will decrease penetration of oxygen minimizing losses by fungus and spoiling.



Optional ballasts for better packing power



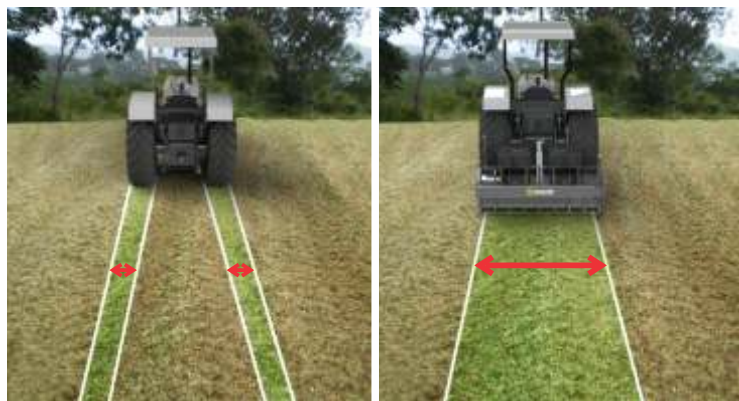
Better packing on the edges



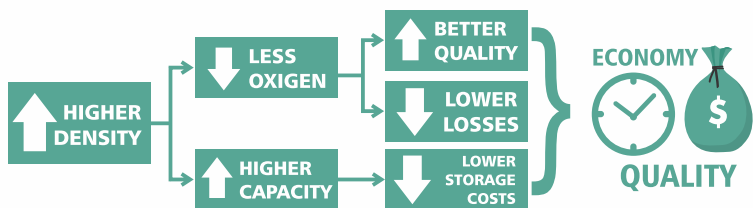
Water tank for more weight

TECHNICAL FEATURES	JF CompactSilo
Power source	tractor PTO
Height	1255mm
Width (working position)	2000mm
Water tank maximum capacity	500 liters
Number of discs	9
Disc diameter	900mm
Aproximate weight (empty and without ballast)	1300 kg
Ballast weight (per unity) ¹	160 kg
Minimum lifting capacity at 610mm from pin hole	1600 kg

¹Ballasts are sold separately. Equipment can hold up to 3 sets of ballasts.
²For choosing tractor customer should consider lifting power and JF Compactsilo setup (with or without ballasts and water in the tank). Other variables are essential for a good packing of forage such as tractor weight; working hours of tractor + JF Compactsilo set; thickness of forage layer to be packed; dry matter content; particle size; filling speed; bunker height, etc.



Higher speed and better quality in the packing process



Advantages

- Accelerates packing and fermentation process: fuel and time saving and better nutritional feed value;
- Improves packing on the edges decreasing oxygen penetration and avoiding structural damages to the silage;
- Increases density inside the silo, decreasing costs of storage;
- Resistant and low maintenance equipment;
- Easy and practical 3-point linkage setup;
- Weight increase adjustable with optional ballasts and filling of water in the tank;
- Tests showed excellent packing in maize and grass silages reaching densities higher than average in the region.

Technical description: Silage packer for packing of forage during silage process, 3-point linkage system, with working width of 2m, weight adjustable through optional ballasts and packing roller with water tank, jack for equipment parking, ballast support, required tractor lifting power of 1600kg at 610mm from pin hole.



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