



# MIX 1500<sup>S2</sup>

## Mixers



*Lightweight, practical and efficient!!  
The ideal equipment from loading of silage to delivery  
of quality feed mixture into the trough.*



FACTORY ITAPIRA, SP



FROM BRAZIL TO ALL CONTINENTS OVER 50 COUNTRIES



FACTORY SÃO JOÃO DA BOA VISTA, SP

**Mixers Line**  
**JF, the solution for the farmer!**



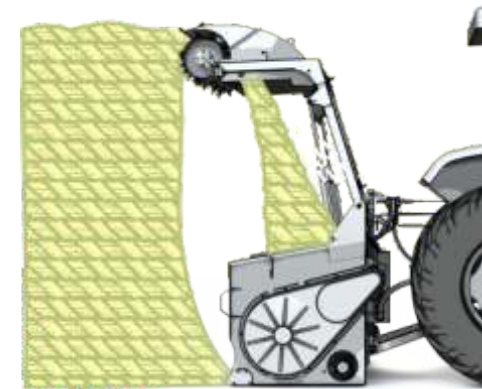
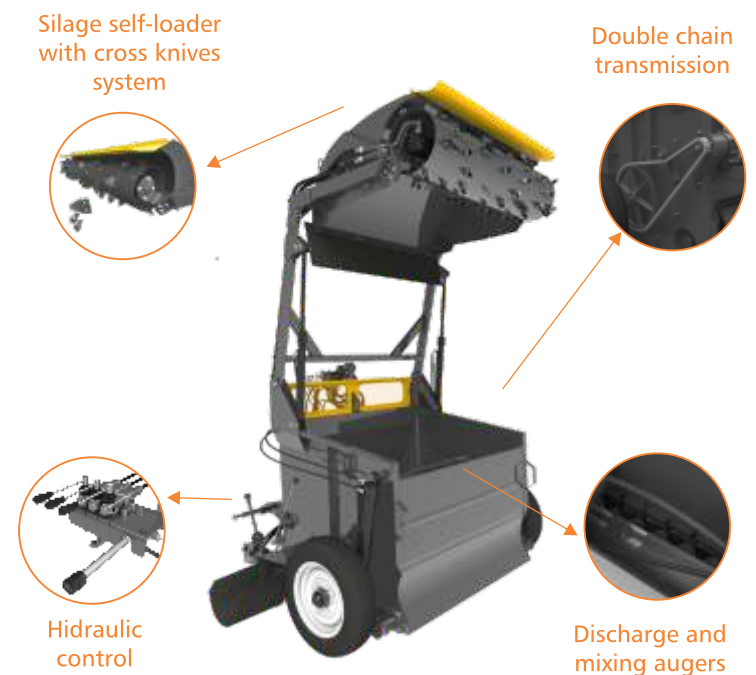
# MIXERS LINE

**JF Mix 1500 S2** keep the quality and tradition of JF feed mixers, a lighter machine with more technology, resistant, compact and with less power consumption.

Designed for livestock feed mixing, this equipment has a capacity of 1,5m<sup>3</sup> and its functions are: silage loading, mixing, transporting and delivering different types of mixed ration directly to the trough.

Totally redesigned, JF Mix 1500 S2 is built with 5mm stainless steel sheet and has a simple operation, with easy control of silage loading, mixing system and discharge auger, by controlled loading hydraulic control from the tractor cabin.

The key features include the compact design and low weight, new mixing system, silage loader with larger diameter and with self-aligning shaft.



TECHNICAL FEATURES	JF MIX 1500 S2
Capacity <sup>1</sup>	1,5m <sup>3</sup>
Power source	tractor PTO
Silage loader power source	hydraulic pump
Height with silage loader	3100mm
Lenght with silage loader	2130mm
Discharge side	left
Width with silage loader	2290mm
Weight with silage loader and wheels	1095 kg
Weight with silage loader	910 kg
Tires	6,0 x 16 (6 layers)
Required power at PTO	50 hp
Required revolution at PTO	540 RPM
INOX	Mixing tank

<sup>1</sup>The load capacity can vary depending on the product's density.

## Advantages

- Mixing tank made with 5mm stainless steel sheet;
- Lighter, compact and lower power consumption;
- Silage loader with pressure sensor that prevents locking of drum during silage loading;
- Independent and removable cross knives system removes the silage preserving the nutrients without damaging the silage wall and silage fiber;
- Discharge auger designed with fully removable bearings and auger;
- New mixing system for better performance with silage;
- Silage loader with dynamic load balancing;
- Better silage loading, mixing and discharging performance due to the new design;
- Silage loader shaft self-alignment due to the ball joint and self-compensation bearing;
- Compact and sealed oil tank;

2 versions available:

- With wheels
- without wheels without scale

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# MIX 2000

Mixer



*Lightweight, practical and efficient!!  
The ideal equipment from loading of silage to delivery  
of quality feed mixture into the trough.*



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# MIXERS LINE

**JF Mix 2000** keep the quality and tradition of JF feed mixers, a lighter machine with more technology, resistant, compact and with less power consumption.

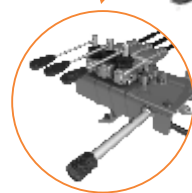
Designed for livestock feed mixing, this equipment has a capacity of 2,0m<sup>3</sup> and its functions are: silage loading, mixing, transporting and delivering different types of mixed ration directly to the trough.

Totally redesigned, JF Mix 2000 is built with 5mm stainless steel sheet and has a simple operation, with easy control of silage loading, mixing system and discharge auger, by controlled loading hydraulic control from the tractor cabin.

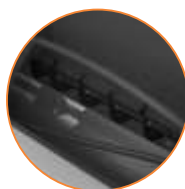
The key features include the compact design and low weight, new mixing system, silage loader with larger diameter and with self-aligning shaft.

Milling cutter with cross knives system

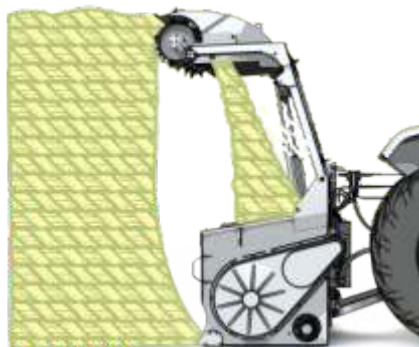
Double chain transmission



Hydraulic control



Discharge and mixing augers



TECHNICAL FEATURES	JF MIX 2000
Power source	tractor PTO
Capacity <sup>1</sup>	2m <sup>3</sup>
Height with silage loader	2650mm
Length with silage loader	1960mm
Discharge side	left
Width with silage loader	2690mm
Weight with silage loader, wheels and scale	1208 kg
Weight with silage loader and wheels	1187 kg
Weight with silage loader	1000 kg
Tires	6,0 x 16 (6 layers)
Required power at PTO	50 cv
Required revolution at PTO	540 RPM
Silage loader power source	hydraulic system
INOX	Mixing tank

<sup>1</sup>The load capacity can vary depending on the product's density.

## Advantages

- Mixing tank made with 5mm stainless steel sheet;
- Lighter, compact and lower power consumption;
- Silage loader with pressure sensor that prevents locking of drum during silage loading;
- Independent and removable cross knives system removes the silage preserving the nutrients without damaging the silage wall and silage fiber;
- Discharge auger designed with fully removable bearings and auger;
- New mixing system for better performance with silage;
- Silage loader with dynamic load balancing;
- Better silage loading, mixing and discharging performance due to the new design;
- Silage loader shaft self-alignment due to the ball joint and self-compensation bearing;
- Compact and sealed oil tank;

2 versions available:

- With wheels
- without wheels without scale

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# MIX 4000 | 6000 PA

## Mixers



*Practical and efficient, it ensures a homogenous mixing and distribution in any part of the trough.*



FACTORY ITAPIRA, SP



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FACTORY SÃO JOÃO DA BOA VISTA, SP

Mixers Line  
JF, the solution for the farmer!



# MIXERS LINE

**JF Mix 4000 PA** Feed Mixer has a new concept of mixing system featuring a rotor and mixing paddles designed to reach a quick and uniform mixture keeping nutritional values preserved, providing better nutrition for high quality production of meat or milk.

The mixing system with rotor and paddles was designed for effective and homogeneous distribution of the feed from the beginning to end of the trough.

The mixing paddles are equipped with rubber for perfect mixing of the bottom particles that remain in the mixer box.



JF MIX 4000 PA

## Advantages

- Robust transmission designed to mix small silage and others;
- Precise and easy to use discharge belt, with height adjustment and gate with hydraulic control;
- Helps increase productivity of milk;
- Easy coupling and adjustable according to the height of the tractor;
- Scale with loading and unloading functions and information can be downloaded to computers by an USB memory for more recipe options;
- Easy to operate and time saving system;
- Direct discharge to trough.



Internal view of JF MIX 6000 PA



Adjustable drawbar



Paddle Mixing system



Discharge belt



Dg500 Scale system



Robust planetary gearbox

TECHNICAL FEATURES	JF MIX 4000 PA	JF MIX 6000 PA
Power source	tractor PTO	tractor PTO
Height	2189mm	2189mm
Length	3806mm	4800mm
Discharge side	left	left
Width	2295mm	2295mm
Weight (empty)	1700 kg	2171 kg
Tires	10.5/65-16 / RA 28 8 layers	400/60 R15,5 (HF75) (T404)
Required power at PTO	50 hp	50 to 60 hp
Required revolution at PTO	540 RPM	540 RPM
Capacity <sup>1</sup>	4m <sup>3</sup>	6m <sup>3</sup>

<sup>1</sup>The load capacity can vary depending on the product's density.



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JF Máquinas Agrícolas

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# VERTICAL MIX 3500 / 5500

## Vertical Mixers



*Balanced feeding from the first to the last animal!*



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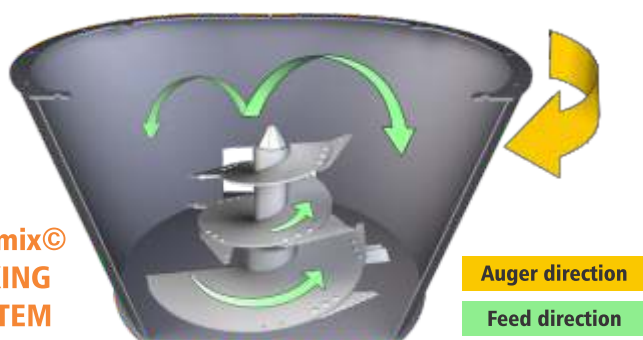
**Mixers Line**  
**JF, the solution for the farmer!**



# MIXERS LINE

**JF Vertical Mix 3500** and **JF Vertical Mix 5500** mixers were designed thinking of two of the main challenges for the farmer: quality feed for higher performance and cost reduction. With JF technology and quality the MOVmix© mixing system delivers a homogeneous total mixed ration from the first to the last animal.

Taking in account that that feed costs might be responsible for the largest amount of the total cost of production in livestock, JF spent years in field testing, calculating the coefficients of variation using the Penn State Particle Separator, to actually deliver an equipment that can turn your investments in feeding into more profitability.



**MOVmix©  
MIXING  
SYSTEM**

**Auger direction**

**Feed direction**

## Advantages

- MOVmix© technology guarantees efficient mixing in the entire tank, even close to the walls;
- Stainless steel tank for longer durability, with independent chassis that facilitates maintenance;
- Mixture with low coefficient of variation tested in several types of diet;
- Curved and smooth side walls that guarantee a continuous flow of ingredients;
- Chassis designed for better stability of the tank;
- Feed window for adding ingredients;
- Centralized weighing system screen for easier viewing;
- Extended hay guard;
- Italian weighing system with three high precision sensors;
- Heavy duty planetary gearbox;
- Cutting blades and counter blades with position adjustment for better adaptation to several types of diet.



**BELT  
DISCHARGE  
(optional)**



**DOOR  
DISCHARGE**



**FEED WINDOW  
FOR ADDING  
INGREDIENTS**



**INDEPENDENT  
CHASSIS**



**2 COUNTER BLADES  
WITH 5 ADJUSTMENT  
POSITIONS EACH**



**HAY  
GUARD**

TECHNICAL FEATURES	JF VERTICAL MIX 3500	JF VERTICAL MIX 5500
Power source	tractor PTO	tractor PTO
Capacity	3.5m³	5.5m³
Height	2180mm	2525mm
Discharge height by door	up to 545mm	up to 645mm
Discharge height by belt	up to 780mm	up to 1200mm
Length	3570mm	3770mm
Width	2650mm	2650mm
Discharge side by door	Right / Left / Both (optional)	Right / Left / Both (optional)
Discharge side by belt	Left (optional)	Left (optional)
Number of blades	9	9
Number of counter blades	2	2
Counter blade settings	5	5
Tires	10.5/65-16 RA 28 8 layers	400/60 R15,5 (HF75) (T404)
Required power at PTO	50 hp	55 hp
Required revolution at PTO	540 RPM	540 RPM
Mixing tank sheet	5mm stainless steel	5mm stainless steel
Mixing auger	Steel sheet 12,7mm	Steel sheet 12,7mm
Weight with 1 discharge door (empty)	1780 kg	2171 kg
Weight with 2 discharge doors (empty)	1836 kg	2222 kg
Weight with discharge belt (empty)	1840 kg	2237 kg



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