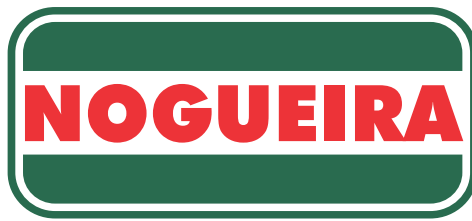


MIXERS & FORAGE WAGONS





We produce quality in here!

Nogueira Agricultural Machinery has been a reference in quality and technology in agriculture for more than sixty years. With equipment developed under very rigorous production processes by competent and reliable engineering, our mix of products is suitable for the most diverse and challenging fields and is divided into 6 lines:

- *Forage Harvesters & Headers;*
- *Stationary Livestock;*
- *Mixers and Forage Wagons;*
- *Haymaking;*
- *Storage;*
- *Agricultural*

With a highly qualified staff and more than fifteen hundred resellers throughout Brazil and the world we ensure worry-free purchase when you buy machines from Nogueira.



○ São João da Boa Vista

📍 533 Fernando de Souza Street,
Distrito Industrial P.O Box: 13877-755

📞 + 55 (19) 3813.9717 - Comercial
📞 + 55 (19) 3638.9717 - Administrativo
✉️ comex@nogueira.com.br



○ Itapira

📍 533 Santa Terezinha Street, Prados
PO Box: 13973-900

📞 (19) 3813.9706 - Comercial
📞 (19) 3638.1500 - Administrativo
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When you realize that your
investment has been profitable.





Mixers and Forage Wagons

VMN 1.5 - 2.0

Horizontal Mixers

Created for producers who know the importance of a good mixture in meat and milk production!

Mini Mixer VMN is a simple and easy-to-operate piece of equipment, especially in paddocks with limited maneuvering space. Its mixing system guarantees a better homogeneity that results in more meat and milk production.

Maintaining the quality and tradition of Nogueira in Mixers and with a capacity of 1.5 to 2.0 m³, it is ideal for the producer who is looking for ease and agility to remove, load, mix and distribute in the trough, all in one machine.

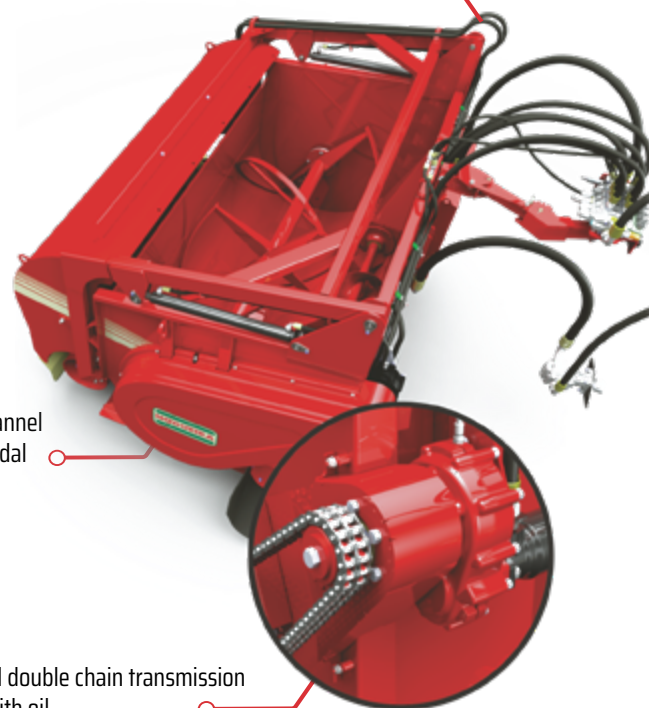
They are easy to operate and maintain, providing a superior quality mix to your herd and consequently the quality and high production of meat and milk.



Interchangeable knives made of special and removable steel that cut the silo without damaging it.



Controlled by hydraulics with pantograph movement



Discharge through the channel employing a screw helicoidal and by hydraulic control.

Gearbox and double chain transmission lubricated with oil.

Technical features	VMN 1.5	VMN 2.0
Discharge side	Right	Left
Required power at PTO	50 hp	50 hp
Required revolution at PTO	540 rpm	540 rpm
Width	2.200 mm	2.690 mm
Height	1.535 mm	1.630 mm
Height without silage loader opened	2.500 mm	2.650 mm
Height with silage loader opened	1.416 mm	1.416 mm
Hydraulic oil tank	65 L	65 L

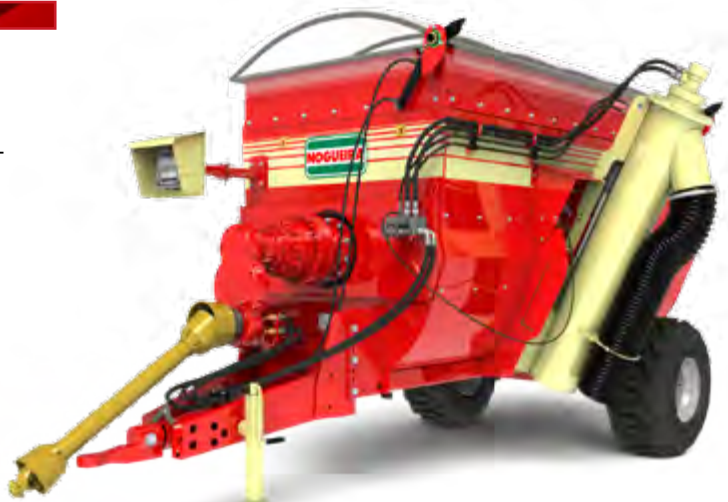
VMN 4.0 - 6.0 CISNE PA

Horizontal Mixers

The Mixer VMN 4.0 and 6.0 Cisne is an evolution in the mixture of concentrate and mineral salt for the manufacture of concentrated ration.

Its system of blades guarantees a uniform mixture of the ingredients. The unloading in the trough is precisely done by a specially designed screw driven by a hydraulic motor. The Mixer VMN 4.0 and 6.0 also have a roof to prevent the concentrate from getting wet during discharge.

Its drawer is built in stainless steel, which allows work with salt, grains, and concentrates.



Extended Extractor Version

Technical features	VMN 4.0 CISNE PA	VMN 6.0 CISNE PA
Discharge side	Left	Left
Recommended Power at PTO	50 hp	60 hp
Required revolution at PTO	540 rpm	540 rpm
Width approximate	2.690 mm	4.800 mm
Height approximate	1.630 mm	2.450mm
Height with silage loader opened approximate	1315 mm	-
Weight approximate	1.260 kg	2.230 kg

VMN 4.0 - 6.0 PA

Horizontal Mixers

Because of their special blade system of perfectly synchronized blades, the Mixer VMN 4.0 and 6.0 PA are already recognized in their class for their quality and homogeneity. It is possible to chop square, small, and shredded bales with Mixers shovels.

With three high-precision load sensors and an electronic scale, the weighing system guarantees the exact distribution to the animals!

A fine and resistant finish is found on the chassis, and the drawbar has a yoke that enables the tractor to be flat at its height.



Technical features	VMN 4.0 PA	VMN 6.0 PA
Drive	PTO shaft of tractor	PTO shaft of tractor
Total height	2.184 m	2.184 m
Height with silage loader opened Total	3.806 m	4.800 m
Discharge side	Left	Left
Width	2.290 m	2.290 m
Weight without milling cutter (empty)	1.700 kg	2.171 kg
Wheels	10.5/65-16 RA 28 8 tire canvas	400/60-16 R15,5 28 (Hf75) (T404)
Recommended Power at PTO	50 hp	50 hp
Required revolution at PTO	540 rpm	540 rpm

VMN 4.0 - 6.0 - 8.0 H

Horizontal Mixers

Recognized within the follow-up for its resistance and uniformity of the mixture. Its mixing system has a central auger with special steel blades with high chopping power and 2 upper augers that guarantee a continuous flow of forage, guaranteeing a homogeneous mixture.

Powerful hydraulic motors, pinions, and high-resistance chains ensure a constant mixing movement.

Equipped with a weighing system with an electronic scale and three high-precision load sensors, guaranteeing the exact distribution to the animals!



It's featured with the Milling cutter System (optional) that makes loading faster and more efficient to guarantee that the removal of forage from the silo is precise, avoiding the loss of compaction of the silo that may occur during withdrawals.



Technical features	VMN 4.0 H	VMN 6.0 H	VMN 8.0 H
Discharge side	Right	Right	Right
Weight approximate (empty)	3.260 kg	3.750 kg	4.240 kg
Recommended Power at PTO	50 a 60 hp	50 a 60 hp	50 a 65 hp
Required revolution at PTO	540 rpm	540 rpm	540 rpm
Standard Wheels	400/60 - R15,5	400/60 - R15,5	3,5/70 - R22,5
Width	2.035 mm	2.035 mm	2.035 mm
Height with open milling cutter	3.550 mm	3.800 mm	3.800 mm
Height	2.479 mm	2.430 mm	2.430 mm
Height with silage loader opened	4.760 mm	5.450 mm	6.250 mm

VMN 3.5

Vertical Mixers

The Nogueira VMN 3.5 ECO Mixer is a straightforward and user-friendly piece of equipment designed for those seeking to automate their cattle feeding process!

Its vertical endless screw system, along with blades and counter-blade, efficiently chop bales and blend all elements of your animals' diet, resulting in a consistent feed. This promotes increased production without any wastage in the feeder.

- ✓ Easy to operate, without the digital requirements of other models with scales;
- ✓ Feeding door for adding low-concentration flours and additives;
- ✓ Autonomy and practicality with hydraulic drive, allowing a single operator to control all stages of the mixing and unloading process easily;
- ✓ Robust construction that allows working in any terrain condition;
- ✓ High-strength and durable planetary transmission;
- ✓ Design, rotor, and transmission identical to the Mixer VMN line;
- ✓ Mixing flow guaranteed until the last animal.



Technical features	VMN 3.5 VERTICAL ECO
Production	3.5 m ³
Drive	Tractor
Recommended Power at PTO	from 55 hp
Required rotation at PTO	540 rpm
Height	2.100 mm
Digital scale	not included
Weighing cell	not included
Width	3.570 mm
Lenght	2.290 mm
Discharge door	Exit on the right side
Tires	10.5/65-16 RA 28 8 canvas
Empty weight	1.780 kg

VMN 3.5 - 5.5 - 7.0

Vertical Mixers

Built with stainless steel sides that are 5mm thick, Nogueira's 3.5 / 5.5 / 7.0 m3 Vertical Mixers are highly resistant to corrosion and wear, prolonging their useful life and minimizing repairs and maintenance.

They have a vertical thread with 9 blades and 2 counter blades with 5 configurations that allow better efficiency in fiber cutting and uniformity in the mixture, thus reducing waste in the trough, increasing meat consumption and productivity or milk.



Accurate and efficient load sensor, seamlessly integrated into the chassis rather than the wheels, ensuring precise and reliable measurements.



Now, also available with
7m³

Technical features	VMN 3.5 VERTICAL	VMN 5.5 VERTICAL	VMN 7.0 VERTICAL
Production	3.5 m ³	5.5 m ³	7.0 m ³
Drive	Tractor	Tractor	Tractor
Recommended Power at PTO	50 hp	55 hp	55 hp
Required revolution at PTO	540 rpm	540 rpm	540 rpm
Height	2.180 mm	2.525 mm	2.525 mm
Belt discharge belt	Hasta 780 mm	870 a 1200 mm	870 a 1200 mm
Gravity discharge belt	400 a 545 mm	500 a 645 mm	500 a 645 mm
Width	3.570 mm	3.770 mm	3.770 mm
Height with silage loader opened	2.650 mm	2.650 mm	2.650 mm
Belt discharge side	Left	Left	Left
Gravity discharge side	Right/ Left and double (optional)	Right/ Left and double (optional)	-
Weight with belt included	1.840 kg	2.237 kg	Approx. 2.354 kg
Inox	Mixing tub	Mixing tub	Mixing tub
Wheels	10.5/65-16 RA 28 8 tire canvas	400/60 R15,5 (HF75) (T404)	400/60 R15,5 (HF75) (T404)

VMN 3.5 - 5.5

+ SELF-LOADING SYSTEM

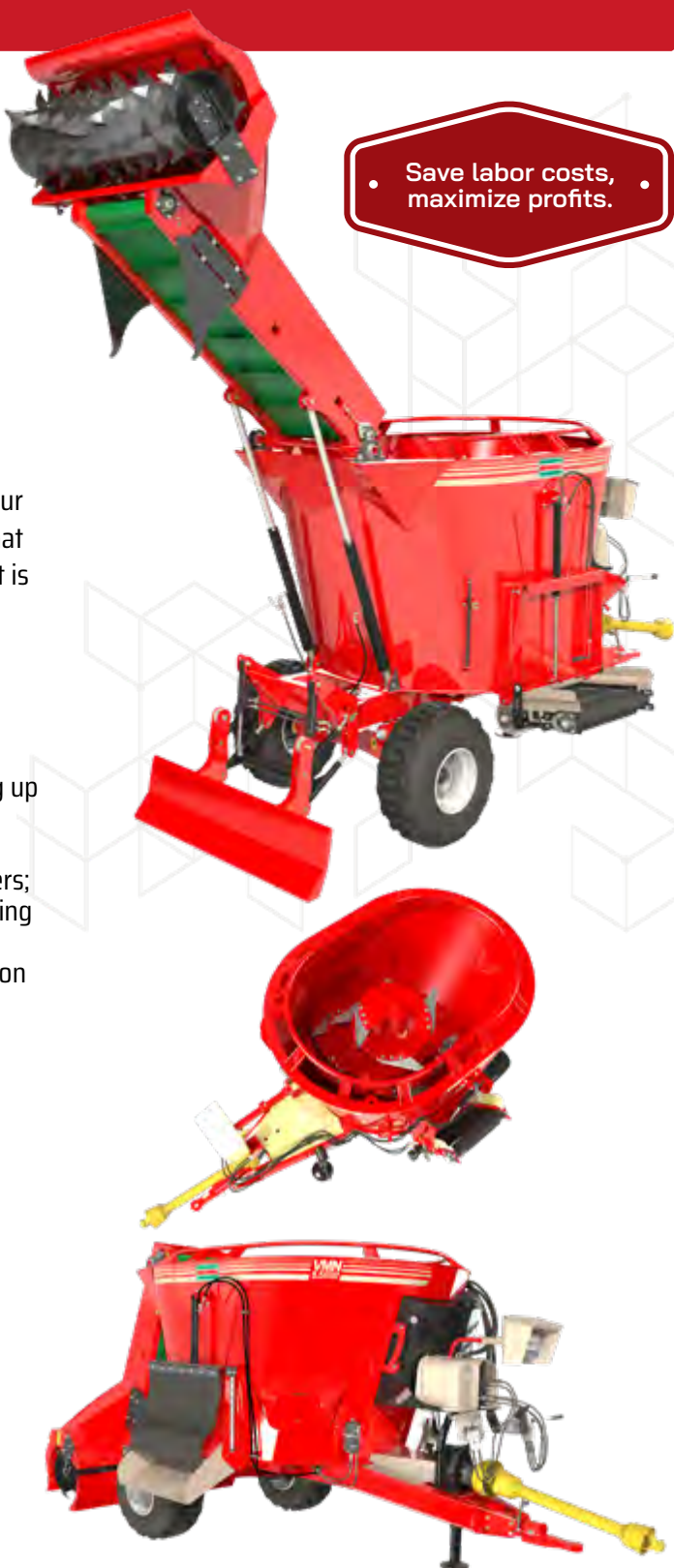
• Save labor costs, maximize profits. •

Self-loading Vertical Mixer

The Nogueira Vertical Mixer with self-loading system is the perfect tool to enhance the quality and feeding process for your animals. Efficient mixing prevents segregation and ensures that animals receive a balanced feed in each ration. Our equipment is highly resistant to corrosion and wear, and it features:

BENEFITS

- 5mm stainless steel side deposit;
- Vertical auger with 9 blades and 2 counter blades, offering up to 5 adjustable settings;
- New option with a loading system for automatic feeding, designed to increase efficiency and convenience for farmers;
- Proper silo removal while maintaining compactation avoiding oxygen to come in;
- Eliminates the cost of using an extra tractor for mixer wagon loading.



Accurate and efficient load sensor, seamlessly integrated into the chassis rather than the wheels, ensuring precise and reliable measurements.

Technical features	VMN 3.5 WITH SELF-LOADING SYSTEM	VMN 5.5 WITH SELF-LOADING SYSTEM
Production	3.5 m³	5.5 m³
Drive	Tractor	Tractor
Recommended Power at PTO	60 hp	65 hp
Required revolution at PTO	540 rpm	540 rpm
Height of self-loading system in operation	3385 mm	3925 mm
Belt discharge belt	Up to 780 mm	870 up to 1200 mm
Gravity discharge belt	400 a 545 mm	500 a 645 mm
Weight	2377 kg	2857 kg
Belt discharge side	Left (optional)	Left (optional)
Gravity discharge side	Right/ Left / Both (optional)	Right/ Left / Both (optional)
Inox	Mixing tub	Mixing tub
Wheels	400/60 R15.5 (HF75) (T404) tire canvas	400/60 R15.5 (HF75) (T404)

VMN 7.0 - 11.0

+ SELF-LOADING SYSTEM

• Save labor costs, maximize profits.

Self-loading Vertical Mixer

Discover the new Nogueira Vertical Mixers: greater capacity, self-loading arm, and double vertical auger for perfect mixing and maximum efficiency:

BENEFITS

- ✓ **High Durability:** Robust construction in 5mm thick stainless steel;
- ✓ **Efficient Mix:** Features two vertical augers, each equipped with 9 adjustable blades. The counter-blades ensure superior efficiency in fiber cutting and uniform mixing;
- ✓ **Simplified Operation:** Total control by a single operator, discharge via belt with adjustment for both sides, and auger with dual speed.
- ✓ **Option with Self-Loading Arm:** Saves costs, simplifies operation, and preserves the quality of the silage;
- ✓ **Precise Weighing System:** Stable load cells, scale with display, and USB output.



Option with self-loading arm



Double auger for a homogeneous mix



Discharge via belt with adjustment for both sides

Technical features	VMN 7.0	VMN 7.0 SELF-LOADING	VMN 11.0	VMN 11.0 SELF-LOADING
Production	7.0 m ³	7.0 m ³	11.0 m ³	11.0 m ³
Drive	Tractor	Tractor	Tractor	Tractor
Recommended Power at PTO	70 hp	75 hp	80 hp	85 hp
Recommended rotation at PTO	540 rpm	540 rpm	540 rpm	540 rpm
Height of selfloading in action	-	4138mm	-	4732mm
Height of discharge via belt	715mm	715mm	715mm	720mm
Weight	2.502 kg	3411 kg	3206 kg	4194 kg
Belt discharge side	Right/ Left	Right/ Left	Right/ Left	Right/ Left
Tires	11L15 (12 canvas)	400/60-15.5 (T404)	11L15 (12 canvas)	215/75 R17.5 (14 canvas 135)

VFN 5000

Forage Wagons



It transports and unloads the forage for the preparation of the silo and distributes the forage in the feeders. It is indicated for small areas due to its ease of maneuvering and especially for farmers who make their silage with Nogueira EN's chopper lines at three points.

It is equipped with a practical height change system which makes unloading in the trough easier and more precise. It has a concentrate dispenser (optional) that immediately mixes with the concentrate when unloading the forage, guaranteeing a homogeneous mixture and saving labor.



Height Adjustment System



With effective conveyor screw



With naval wood platform



With reinforced chain

Technical features	VFN 5000
Loading capacity	5.0 m ³
Back discharge time	2,5 min
Required revolution at PTO	540 rpm
Minimum power at PTO	55 hp
Discharge height	65,0 a 90,0 cm
Dispenser loading capacity	0,65 m ³
Height with silage loader opened total	5,90 mm
Total Width	2,40 a 2,45 m
Height	2,40 a 2,45 m
Width with dispenser	1.460 kg
Width without dispenser	1.550 kg
Wheels	2

VFN 9000

Forage Wagons

VFN9000 Forage wagon for transportation of forage and daily tractor of 9m³ capacity, tractor traction, equipped with metal conveyor belt with drive-by special steel chain and removable floor in treated naval wood, removable cross traction, change axles, rear door, sides in stainless steel sheets and articulated jack. Its floor is made of naval wood and its unloading flaps are moved by high-resistance steel chains, which guarantees effective and fast unloading. Its transmission is simple and resistant, it has 2 high-quality and high-performance transmission boxes.

It is equipped with a tandem rolling system that provides stability in the transfer, better adaptation on uneven terrain, and ease and speed in maneuvers. Stainless steel sides provide durability, resistance, and an innovative design for the drawer's main compartment.



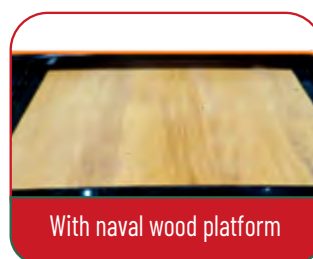
Sides in STAINLESS STEEL for greater durability and resistance



Height Adjustment System



With effective conveyor screw



With naval wood platform



With reinforced chain

VFN 9000 with dispenser



VFN 9000 with dispenser



Technical features

VFN 9000

Loading capacity	9.0 m ³
Back discharge time	2 min
Side discharge time	2,5 m ³ / m
Required revolution at PTO	540 rpm
Recommended Power at PTO	55 hp
Discharge Height	750 mm
Dispenser loading capacity	700 litros
Height with silage loader opened total	6,88 m
Height with silage loader opened (Bodywork)	4,25 m
Total Width	4,25 m
Height	2,58 m
Width with dispenser	2.494 kg
Width with dispenser	2.200 kg
Wheels	4

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