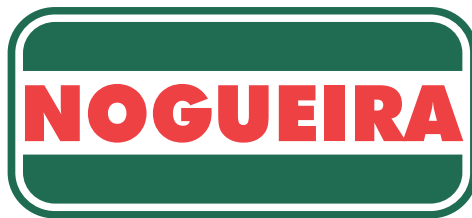


CATALOGUE  
2023 - 2024



# 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

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☎ + 55 (19) 3638.9717 - Administrativo

✉ [comex@nogueira.com.br](mailto:comex@nogueira.com.br)



## ○ Itapira

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PO Box: 13973-900

☎ (19) 3813.9706 - Comercial

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When you realize that your investment has been profitable.





## VMN 1.5 - 2.0

### 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.

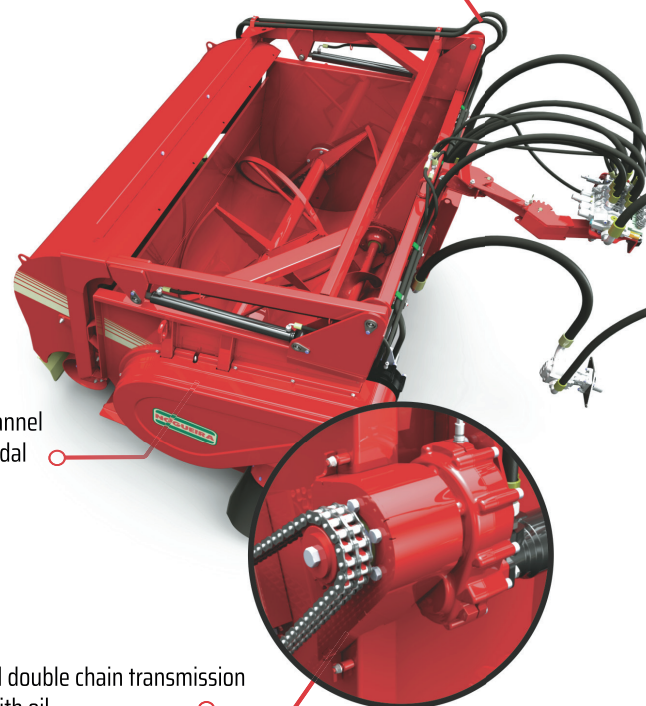
Maintaining the quality and tradition of Nogueira in Mixers and with a capacity of 1.5 to 2.0 m<sup>3</sup>, it is ideal for the producer who is looking for ease and agility to remove, load, mix and distribute in the trough, all in one machine.

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     |



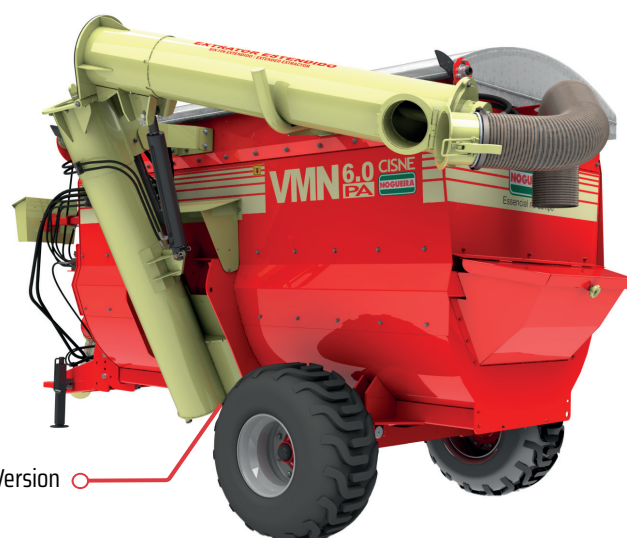
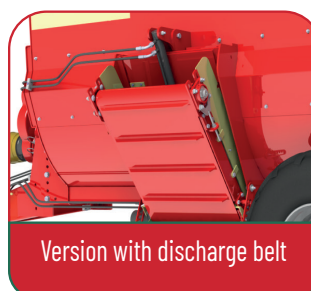
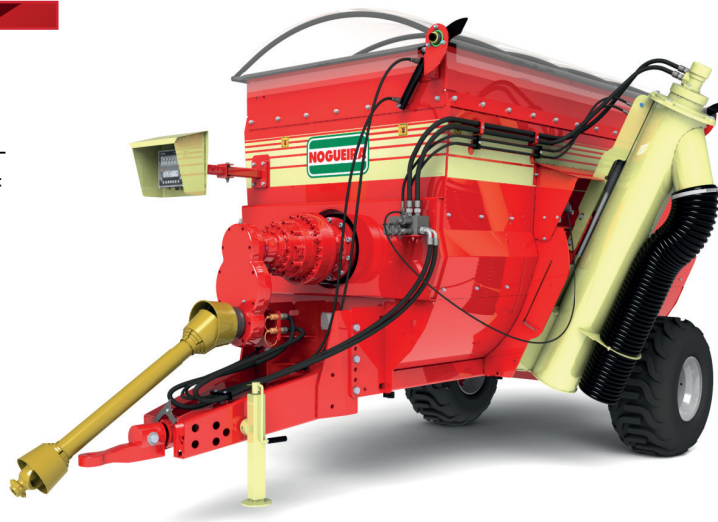
# VMN 4.0 - 6.0 CISNE PA

## 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         |

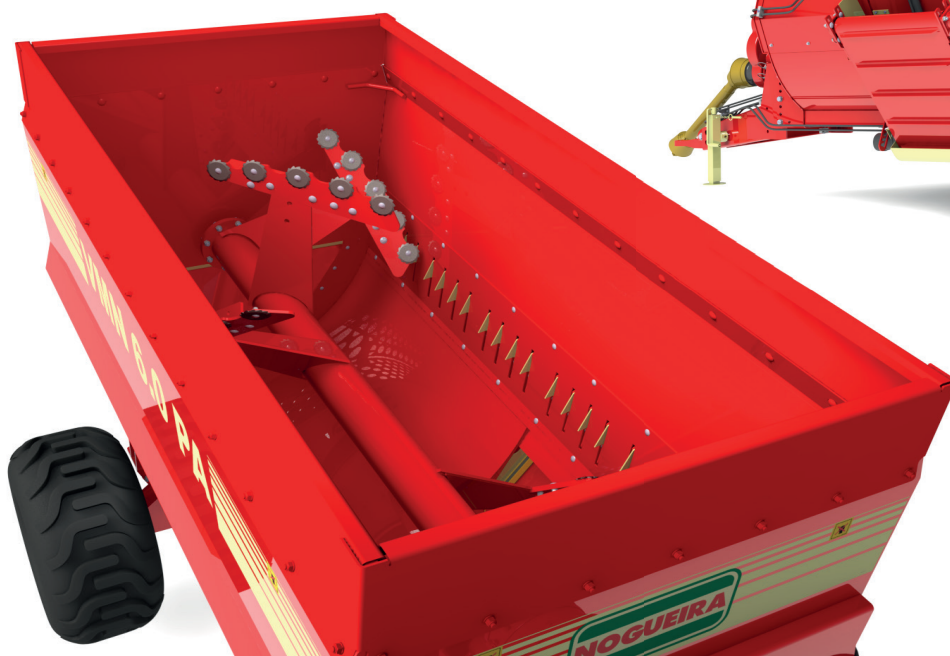
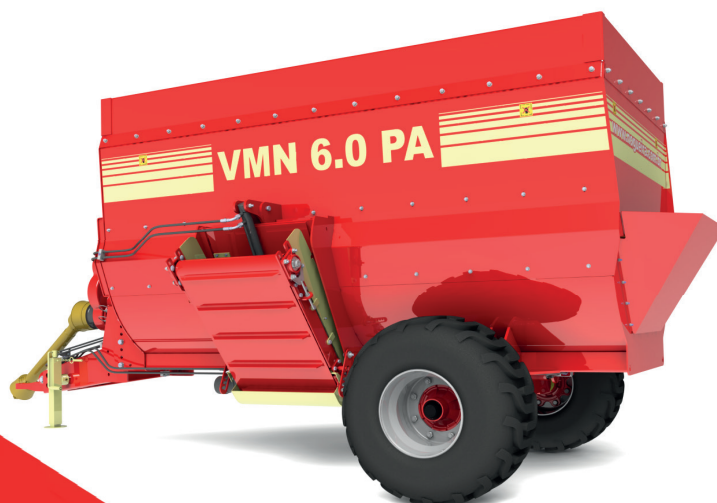
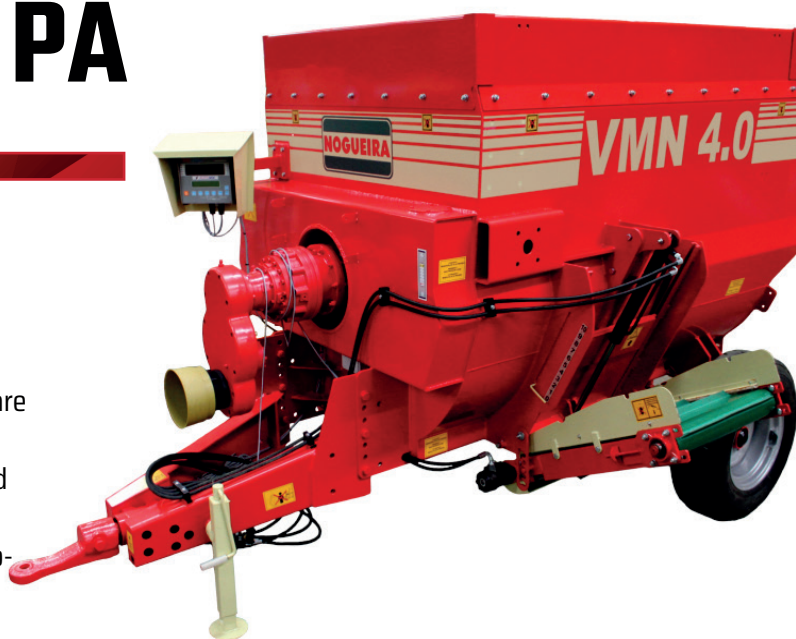
## VMN 4.0 - 6.0 PA

### 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

### 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.



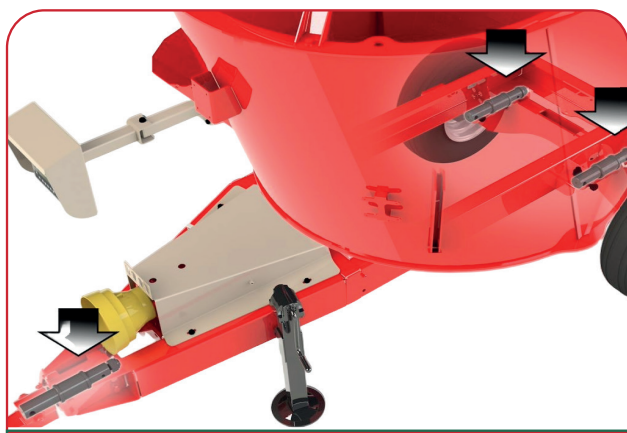
| Technical features               | VMN 4.0 H      | VMN 6.0 H      | VMN 8.0 H      |
|----------------------------------|----------------|----------------|----------------|
| Discharge side                   | Right          | Right          | Right          |
| Weight approximate (empty)       | 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 - 5.5

### Vertical Line

Built with stainless steel sides that are 5mm thick, Nogueira's 3.5 / 5.5 m<sup>3</sup> 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.



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



## VMN 3.5 - 5.5

**WITH SELF-LOADING SYSTEM**

Save labor costs,  
maximize profits.

### Vertical Line

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)       |

# VFN 5000

## Vertical Line



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 <sup>3</sup>  |
| 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 <sup>3</sup> |
| 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 9m<sup>3</sup> 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.



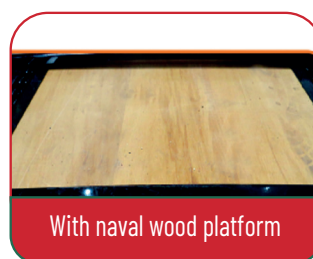
Sides in STAINLESS STEEL for greater durability and resistance



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 <sup>3</sup>     |
| Back discharge time                         | 2 min                  |
| Side discharge time                         | 2,5 m <sup>3</sup> / 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                      |

## VFN 8000

### Forage Wagons

VFN9000 Forage wagon for transportation of forage and daily tractor of 9m<sup>3</sup> 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.



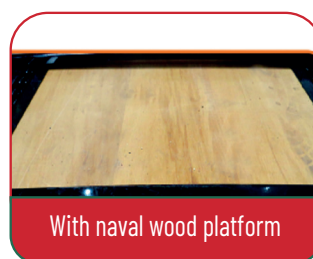
Sides in STAINLESS STEEL for greater durability and resistance



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 <sup>3</sup>     |
| Back discharge time                         | 2 min                  |
| Side discharge time                         | 2,5 m <sup>3</sup> / 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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