

# HARVESTERS & HEADERS



# NOGUEIRA

## 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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NB



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When you realize that your investment has been profitable.

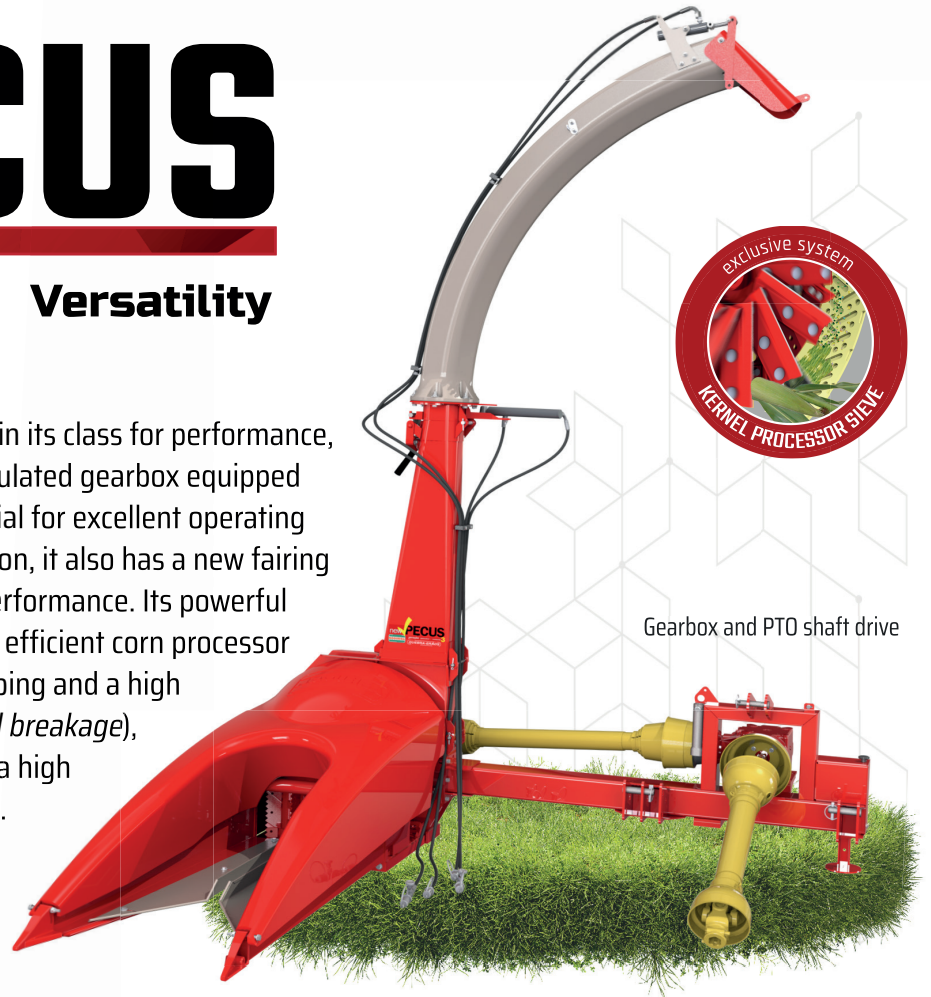


# new PECUS

NOGUEIRA

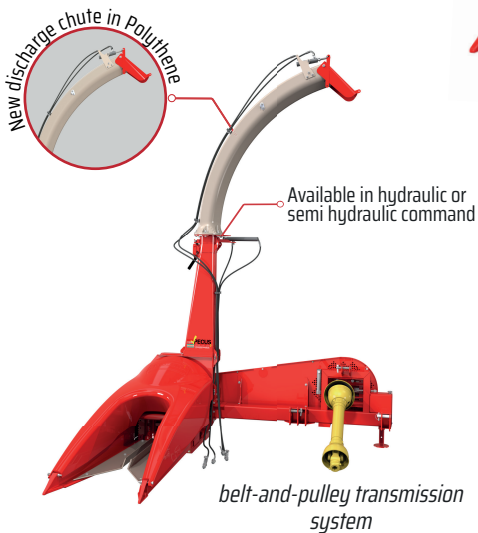
## Versatility

The New Pecus Harvester is a reference in its class for performance, resistance, and simplicity! It has an articulated gearbox equipped with 4 gathering drums, which is essential for excellent operating and maintenance performance. In addition, it also has a new fairing system that further improves harvest performance. Its powerful rotor with 12 knives, 6 launchers, and an efficient corn processor system which guarantees uniform chopping and a high percentage of KPS (*percentage of kernel breakage*), which is essential for the production of a high quality silage with high nutritional value.



Gearbox and PTO shaft drive

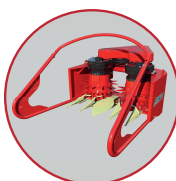
### SPECIAL FEATURES



### Optional items



PRN 1.3 D



PTN 1000

### Technical Features

Production	Up to 30 TON/HR
Chop size	24 (from 2 mm to 36 mm)
Number of rotors	1
Number of knives	12
Number of feed rollers	4
Drive	Tractor PTO Shaft
Recommended PTO horsepower	From 55 up to 90 hp
PTO shaft needed rotation	540 rpm
Transmission system	Gearbox / pulley
Kernel Processor Sieve	Included
Weight	623kg *gearbox / 627kg *pulley
Command options	Semi hydraulic / hydraulic
Support wheel	Optional

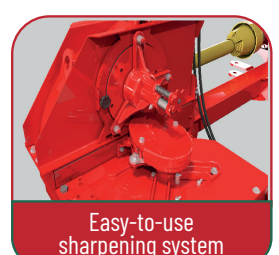
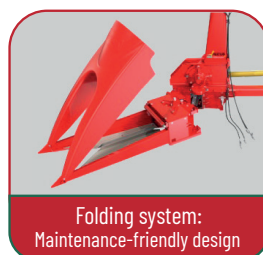
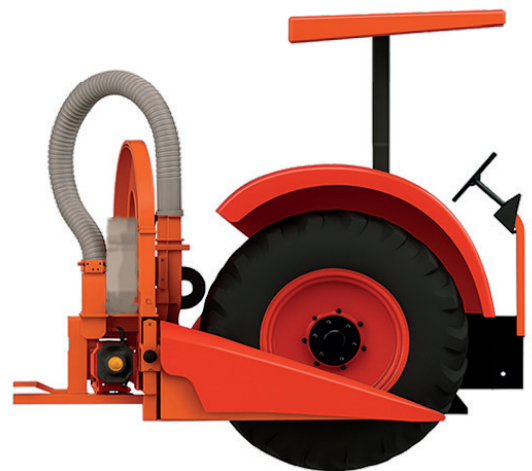
# new PECUS NOGUEIRA ROLÃO



## The perfect match

The NEW PECUS ROLAO is the perfect solution for farmers looking to maximize the use of maize crops and other dry forage. With its advanced technology and innovative design, this machine offers dual functionality: forage harvesting and maize stover collection—optimizing fieldwork and turning waste into high-quality animal feed.

- ✓ Unmatched versatility: Ideal for processing maize and dry forage that couldn't be harvested on time, transforming it into valuable feed. It can also be converted into a New Pecos forage harvester through an optional kit;
- ✓ Milling sizes: featuring 3 sieves of different sizes for milling residues. With a quick and simple change, converting them into more digestible feed for your animal;
- ✓ Folding pickup box: Equipped with 4 rollers and a compression spring, it ensures precise forage chopping and better processing of dry material;
- ✓ Robust and reliable transmission: Designed by Nogueira, with proven performance and efficiency worldwide;
- ✓ Integrated sharpener and lubrication system: Central sharpening and lubrication system built into the machine, allowing maintenance directly in the field—saving the operator's time;
- ✓ Hammer mill with 36 high-resistance hammers: Perfect for milling the pre-chopped material;
- ✓ Efficient discharge: Through a fan and discharge tube that facilitates direct transport to the wagon.



### Technical Features

Drive	Tractor PTO Shaft	Chopping size	24 (from 2 up to 36mm)
Required power at PTO	from 55 up to 90 hp	Number of blades in rotor	12
Recommended rotation at PTO	540 RPM	Approximate weight	820kg
Number of rotors	1	Coupling	cat II
Sieves	3 pieces in 14,16 y 18mm	Transmission system	gearbox and cardan

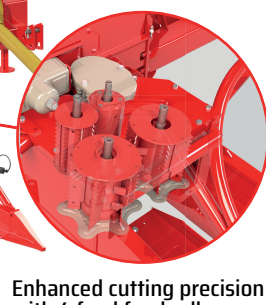
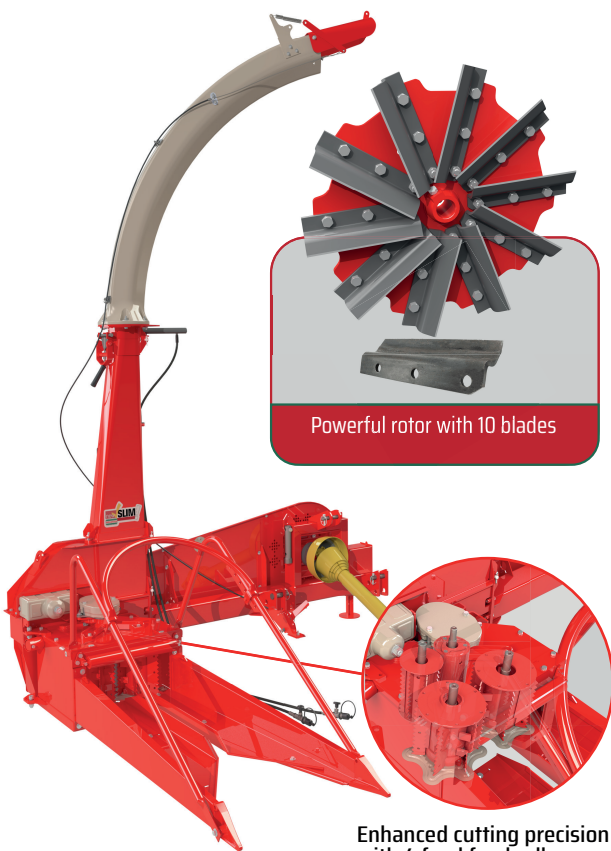
# new SLIM!

**NOGUEIRA**

## Upgrade your farming with New Slim!

Discover the New Slim forage harvester, the optimal choice for farmers seeking to enhance production levels while saving on labor costs and improving the quality of animal feed, all with a lower investment. Its transmission system requires minimal power, simplifying operation and maintenance. Equipped with four feed rollers on its gathering platform, the New Slim ensures precise and uniform chopping, enhancing digestibility for animals.

With a powerful rotor featuring ten blades, it efficiently processes various types of forage such as sugarcane, grass, sorghum, and maize in a single operation.



Technical Features	
Productivity	up to 26 t/h
Chop size	12 (from 2 up to 21mm)
Number of rotors	1
Number of blades in rotor	10
Number of feed rollers	4
Drive	PTO tractor
Recommended PTO Power	from 50 to 75cv
Required PTO rotation	540 RPM
Transmission system	belt
Coupling	cat II
Approx. Weight	580 kg

## new **SLIM 6** NOGUEIRA

### Save time, go to the next level with the New Slim!

Discover the innovative New Slim 6, the ideal choice for livestock farmers looking to enhance their production with significant labor savings and a remarkable improvement in feed quality—all at a more affordable cost!

Its advanced transmission system requires minimal power, making operation and maintenance simpler tasks.

Equipped with four feed rollers on its gathering platform, it ensures uniform chopping that optimizes animal digestibility.

Precise and efficient, its powerful 6-blade rotor chops a variety of forages, from sugar cane to maize, delivering outstanding results in every harvest. Make your production more efficient and profitable with the New Slim 6!



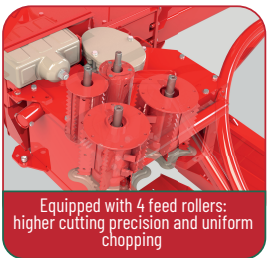
### ADDITIONALS



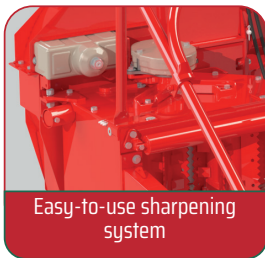
**KERNEL PROCESSOR**



**ADDITIONAL GEARS FOR 4 CHOPPING OPTIONS**



Equipped with 4 feed rollers: higher cutting precision and uniform chopping

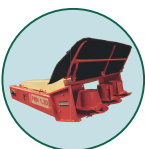


Easy-to-use sharpening system



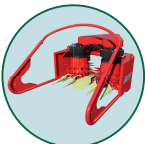
Maintenance-friendly designed

### OPTIONAL HEADERS



#### PRN 1.3 D

Built with high-strength gears and designed for low-growing, trailing grasses, the PRN 1.3 D features a 1.3-meter working width and is equipped with three high-rotation drums, ensuring a precise cut.



#### PTN 1000

Capable of harvesting two rows of maize and sorghum planted up to 75 cm apart, its design allows for high performance during harvest, maximizing efficiency in the field.

### Technical Features

Productivity	up to 26 t/h
Chop sizes	8 (from 5 up to 36mm)
Number of rotors	1
Number of blades in rotor	6
Number of rollers	4
Drive	Tractor PTO
Recommended PTO Power	from 45 up to 70 hp
Required PTO Rotation	540 RPM
Transmission System	belt
Coupling	cat II
Weight	572 kg

# HEADERS

For cattle farmers who want to harvest tropical grasses, oats, signalgrass, and other broadcast-sown grasses faster.

With the cutting bar built with high resistance gears, the PRN 1.3D is equipped with 3 drums, ensuring a precise cut and a fast harvest. PRN 1.3D, high productivity for broadcast-sown tropical grasses.



Technical Features	
Production	Up to 30 TON/HR
Recommended PTO horsepower	From 60 to 80 hp
PTO shaft needed rotation	540
Working width	1,3 m
Type of pasture	Mombaza/haylage
Coupling	New Pecus
Weight	250 kg / 551 lb

# PTN

## PTN 1000

For those who require more productivity with low power consumption, PTN 1000 is just what you need.

A 75-cm working width allows harvesting two rows of maize and sorghum sown, and its design allows harvesting cut grasses broadcast and sugarcane at high speeds.

The PTN 1000 has arrived to improve the efficiency of your New Pecus and make it even more versatile.



Technical Features	
Production	Up to 35 TON/HR
Recommended PTO horsepower	From 65 to 95 hp
PTO shaft needed rotation	540 rpm
Working width	1 m
Type of pasture	Mombaza, maize, sorghum, sugarcane
Coupling	New Pecus DUO
Weight	320 kg / 705 lb

## COMPARISON TABLE: NEW PECUS LINE

### Technical Features



**new** Pecus



**new**



collera

**new**



**2**  
duo

<b>PTO horsepower</b>	From 55 to 90	From 80 to 120	From 80 to 120
<b>Production</b>	Up to 30 TON/HR	Up to 32 TON/HR	Up to 45 TON/HR
<b>Chop sizes (mm)</b>	24 (From 2 to 36)	12 (From 2,5 to 18)	24 (From 2 to 36)
<b>Number of knives</b>	12 / 6	14 / 14	2X (12 / 12)
<b>Number of rotors</b>	1	1	2
<b>Kernel Processor Sieve</b>	✓	✓	✓
<b>Cutting system</b>	Star knife	Star knife	Star knife
<b>Number of feed rollers</b>	4	4	4 + 4
<b>Transmission</b>	Cardan / Pulley and	cardan	cardan
<b>PTO shaft rotation</b>	540 RPM	540 RPM	540 RPM
<b>Coupling</b>	Cat II	Cat II	Cat II
<b>Drive</b>	Hydraulic	Hydraulic	Hydraulic/electric
<b>Command options</b>	Hydraulic / cable	Hydraulic	Hydraulic/electric
<b>Support wheel</b>	Optional	No	Yes
<b>Weight</b>	625 kg / 1377 lb	850 kg / 1873 lb	1550 kg / 3417 lb
<b>Number of rows (cm)</b>	45/50 • 70 • 80 •	• • •	N/A •• ••
<b>Reverse drive</b>	No	No	Yes
<b>Optional Headers</b>	PRN 1.3 / PTN 1000	PRN 1.3 / PTN	PRN 2.0

# Row-Independent Forage Harvesters



## The full package!

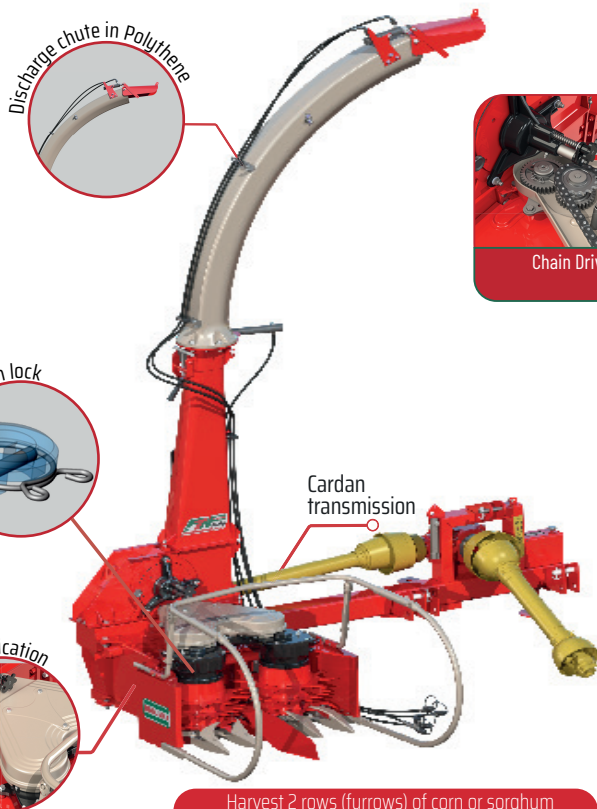
Introducing the FT 1000 Power harvester - the latest addition to our line of cutting-edge agricultural machinery designed to improve your productivity in the field.

The FTN 1000 Power is the ultimate versatile harvester, equipped to handle fields with varying crops with equal ease and efficiency. Say goodbye to the hassle of following field lines - this machine can navigate in any direction, giving you greater freedom and control.

Designed with your convenience in mind, the FTN 1000 Power boasts a range of features that enhance its performance and ease of use. With easier lubrication, better lower sealing, and simpler fuse replacement, this harvester is built to last and reduce downtime.



### SPECIAL FEATURES



Harvest 2 rows (furrows) of corn or sorghum planted between 45 to 80 cm.



Chain Drive



A potent rotor containing 12 resistant knives.



Easy-to-use sharpening system



Hassle-free maintenance

### Technical Features

Productivity	Up to 35 t/h
Chop size	24 (from 2 up to 36mm)
Number of rotors	1
Number of drums	2
Number of blades in rotor	12
Number of feed rollers	4
Drive	PTO tractor
Recommended PTO power	from 65 up to 95 hp
Required PTO rotation	540 RPM
Transmission system	cardan
Coupling	cat II
Kernel Processor Sieve	yes
Approximate weight	869 kg
Command options	hydraulic
Support wheel	optional

# Row-Independent Forage Harvesters



## Innovation meets efficiency!

We present the new **FTN 1000 POWER FRONTAL!**

Designed to attach to the tractor's front or rear hitch, this forage harvester is essential for harvesting male maize in crops intended for seed production, maximizing 100% of your production.

### Additionally, it offers the following advantages:

- ✓ Allows forage harvesting among other crops;
- ✓ Wide header capable of harvesting 1 meter for total area crops and up to 80 cm between rows;
- ✓ Offers 24 chopping sizes, enabling the ideal cut based on the dry matter percentage of your forage for improved digestibility;
- ✓ Features a built-in sharpening and central lubrication system;
- ✓ Foldable header for easy maintenance;
- ✓ Robust system with oil-bathed transmission gearboxes;
- ✓ Grain-cracking system, boosting meat and milk production.



Foldable header for easy maintenance.



Rear or front hitch system.



Straight blade system with independent throwers, offering over 95% efficiency.



Equipped with 4 feed rollers: higher cutting precision and uniform chopping

### Technical Features

Production	up to 35 t/h	Recommended power at PTO	from 65 up to 95 hp
Chopping sizes	24 (from 2 up to 36mm)	Required rotation at PTO	500 RPM / 1000 RPM (optional)
Number of rotors	1	Transmission system	cardan
Number of drums	2	Coupling	cat II
Number of feed rollers	12	Approximate Weight	937 kg
Number of feed rollers	4	Command options	hydraulic
Drive	Tractor PTO	Support wheel	no

# Row-Independent Forage Harvesters

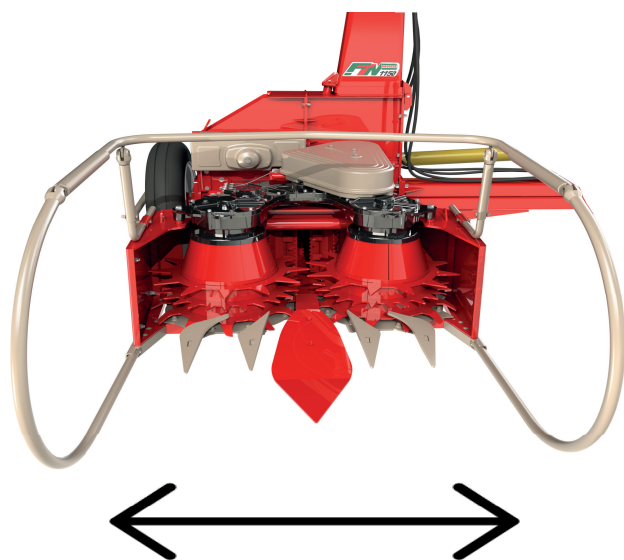


## Resistance and productivity combined!

The new FTN 1150 was developed to **WORK HARDER!** Designed to be extremely durable, capable of withstanding the rigorous demands of sugarcane harvesting, as well as any other type of forage, whether planted in rows or broadcasted-sown, such as corn, sorghum, and cutting grasses among others. Furthermore, it offers the versatility to harvest independently of rows, covering a total width area of 1.15 meters.

The FTN 1150 brings the following key innovations:

- ✓ Simplified fuse pin replacement due to the new locking system;
- ✓ New lubrication system, directly in the pickup box; Support wheel and side deflector;
- ✓ Shorter distance between the gathering drums, promoting better flow of the product inside the equipment;
- ✓ Built with a sturdy transmission box and reinforced structure, ensuring impeccable performance in various types of crops.



Cutting width in total area of 115cm



Easy-to-use sharpening system



Reinforced structure with support wheel



Chain Drive



A potent rotor containing 14 resistant knives.

### Technical Features

Production	Up to 42 t/h	Recommended power at PTO	From 85 up to 130 hp
Chop sizes	12 (from 3 up to 22mm)	Required rotation at PTO	540 RPM
Number of rotors	1	Transmissions System	cardan
Number of drums	4	Coupling	cat II
Number of blades in rotor	14	Approximate weight	1312 kg
Number of feed rollers	4	Command options	hydraulic
Drive	PTO	Support wheel	yes

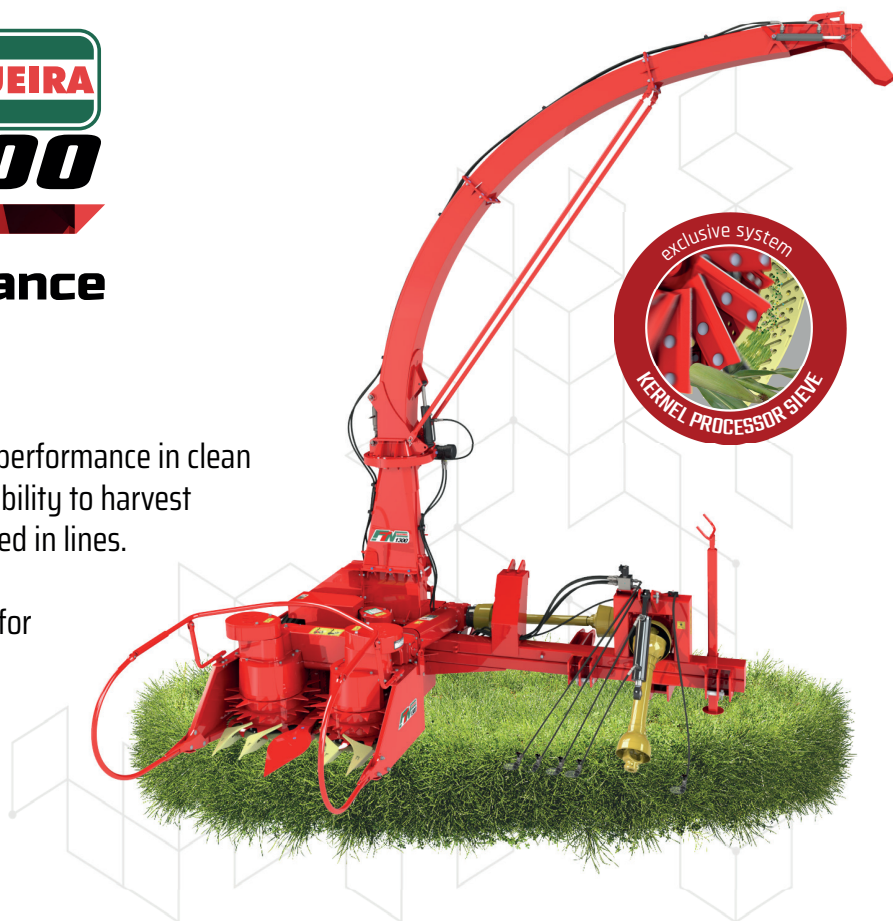
# Row-independent Forage Harvesters



## Endurance

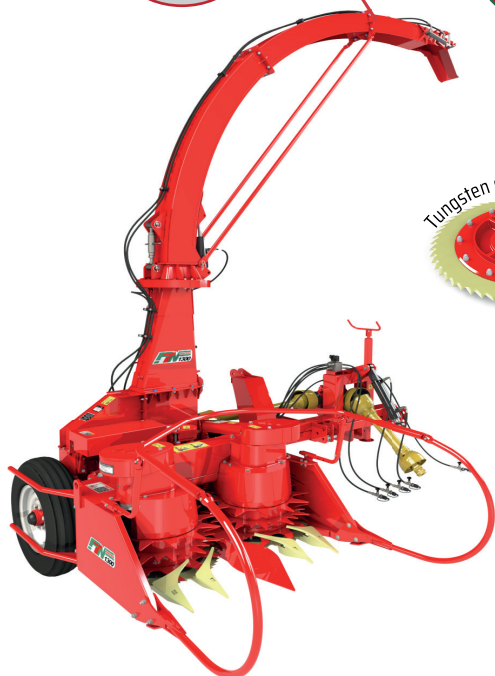
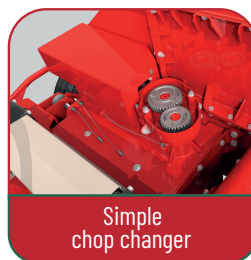
Nogueira's FTN 1300 harvester has excellent performance in clean cultivation and intercropping, as well as the ability to harvest lines linearly and transversally in fields planted in lines.

1.3 meter working width, as standard, allows for excellent chopping with rectangular saws.



### SPECIAL FEATURES

Upper sheet built in stainless steel



Tungsten steel saw knife



### Technical Features

Production	Up to 48 TON/HR
Chop size	From 3 mm to 22mm
Number of rotors	1
Number of drums	2
Number of knives	14
Number of feed rollers	4
Drive	Tractor PTO Shaft
Recommended PTO horsepower	From 90 to 140 hp
PTO shaft needed rotation	540 RPM
Transmission system	Gearbox
Working width	1,3 m
Kernel Processor Sieve	Included
Weight	1895 kg
Command options	Hydraulic
Support wheel	Yes

# Row-independent Forage Harvesters

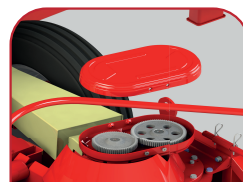
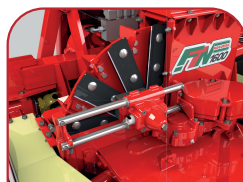


## Powerful

The FTN 1600 Forage harvester is a highly versatile machine equipped with a 1.6-meter-wide header. It features support wheels and a steel outlet chute, enhancing its strength and durability. Moreover, it includes a grain cracker that effectively enhances the nutritional value of silage by extracting all the vital nutrients from the grains. This results in increased milk and beef production from your cattle. Additionally, this machine excels in clean crop production, intercropping, and harvesting products planted in rows or broadcasted. With its ideal blades, it significantly improves cutting performance.



### SPECIAL FEATURES



### Technical Features

Production	Up to 50 TON/HR
Chop size	From 3 mm to 22mm
Number of rotors	1
Number of drums	2
Number of knives	14
Number of feed rollers	4
Drive	Tractor PTO Shaft
Recommended PTO horsepower	From 100 to 140 hp
PTO shaft needed rotation	540 RPM (1000 optional )
Transmission system	Gearbox
Working width	1,6 m
Kernel Processor Sieve	Included
Weight	2450 kg
Command options	Hydraulic
Support wheel	Yes



## The perfect combo!

Nogueira innovates again with a new platform system for haylage! With the new market demands for harvesting products with varying degrees of moisture, we present the haylage platform that brings benefits such as:

- Easy coupling with the FTN 1600, making forage production in a single unit a simple task;
- Preservation of the nutritional qualities of the feed for livestock;
- Ideal for silage production in both winter and summer crops.

Get everything you need with the FTN 1600's Haylage Platform! Take advantage of its field-friendly usability. Ensure efficient and quality production all in one machine.



### SPECIAL FEATURES



Easy harvesting with simple operation and high precision

Floating wheels



Head width of 1.50m.



High-performance hydraulic motor.

### Technical Features

Production	Up to 20 t/h
Chop sizes	12 (From 3 up to 24mm)
Number of rotor	1
Number of drums	2
Number of blades in rotor	14
Number of feed rollers	4
Drive	PTO
Recommended PTO horsepower	from 110 up to 150 hp
Recommended rotation at PTO	540 RPM (1000 optional)
Transmission system	FTN 1600 AT
Working width	row-independent
Kernel Processor Sieve	yes
Approximate Weight	2599 kg
Command system	hydraulic
Support wheel	yes

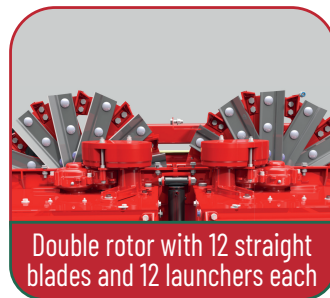
# Row-independent Forage Harvesters



## Essential, complete, and high-performing!

Introducing the FTN 1850, the latest innovation from Nogueira in forage harvesting, offering a range of benefits for farmers, such as:

- ✔ Equipped with a 1.85-meter wide header, which allows for the harvesting of various crops planted at different row spacings;
- ✔ Joystick control and electric/hydraulic mechanisms provide the operator with greater ease in operating the equipment;
- ✔ It is equipped with a side support wheel for better stability and machine handling;
- ✔ It has an easily accessible lubrication center and a sharpening system incorporated into the equipment;
- ✔ Folding arm that allows harvesting beside the tractor and in reverse, making the opening of rows and equipment transport more practical and simple;
- ✔ Cuts, collects, and chops with precision 4 rows of maize or sorghum planted at a spacing of 45 to 50 cm, 3 rows up to 80 cm, and 2 rows up to 90 cm."
















### Technical features

Productivity	up to 54 t/h	Drive	Tractor PTO
Cut sizes	24 (from 2 up to 36mm)	Recommended PTO horsepower	from 90 up to 130 hp
Number of rotors	2	Recommended rotation at PTO	540 RPM / 1000 RPM
Number of drums	4	Transmission system	Gearbox
Number of blades	12	Kernel Processor Sieve	yes
Number of gathering drums	8	Approximate Weight	2282 kg



## COMPARISON TABLE: FTN 1000 LINE

Technical Features					
					
PTD horsepower		From 65 to 95	From 85 to 125	From 90 to 140	From 100 to 140
Production		Up to 35 TON/HR	Up to 38 TON/HR	Up to 48 TON/HR	Up to 50 TON/HR
Chop sizes		24 (from 2 to 36mm)	12 (from 2,5 to 18mm)	12 (from 3 to 22mm)	12 (from 3 to 22mm)
Number of knives		12/6	14 / 14	14 / 14	14 / 14
Number of rotors		1	1	1	1
Kernel Processor Sieve					
Cutting system		Serrated knife	Serrated knife	Circular knife	Circular knife
Number of feed rollers		4	4	4	4
Transmission		Cardan/gearbox	Cardan/gearbox	Cardan/gearbox	Cardan/gearbox
PTD shaft rotation		540 RPM	540 RPM	540 RPM	540 (1000 optional )
Coupling		Cat II	Cat II	Cat II	Cat II
Drive		Hydraulic	Hydraulic	Hydraulic/electric	Hydraulic/electric
Command options		Hydraulic	Hydraulic	Hydraulic/electric	Hydraulic/electric
Support wheel		Optional	Yes	Yes (01)	Yes (02)
Weight		869 kg	1312 kg	1883 kg	2599 kg without arm 2050 kg
Number of rows (cm)	45/50	••	••	•••	••••
	70	••	••	••	••
	80	•	•	••	••
Reverse drive		No	No	No	Yes
Optional headers		No	No	No	<i>PPS Haylage</i>

# Row-independent Forage Harvesters



Nogueira's FTN 2500 inherits the very essence of its brand: the precision of chopping and grain breaking, due to a special design in its knives.

Its wide cutting front has a modern design and was developed to meet cattle farmers who seek high productivity, versatility in harvesting maize and sorghum forage, harvesting up to 5 rows planted at a 45-cm distance.



## SPECIAL FEATURES



## Technical Features

Production	up to 60 TON/HR
Chop size	12 (from 2,5 mm to 18 mm)
Number of rotors	1
Number of drums	2
Number of knives	14
Number of feed rollers	4
Drive	tractor PTO Shaft
Recommended PTO horsepower	from 140 to 180 hp
PTO shaft needed rotation	540 or 1000 RPM (optional)
Transmission system	gearbox
Working width	2,5 m
Kernel Processor Sieve	Included
Weight without wheels	2785 kg
Weight with wheels	3058 kg

# Row-independent Forage Harvesters



Nogueira's row independent forage harvester line has just expanded and now includes the FTN 2600 model.

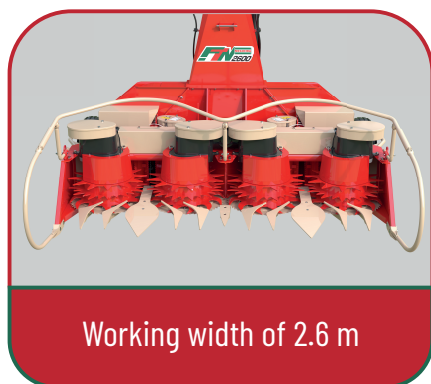
A machine that also offers the ease of total area cutting, being versatile and delivering excellent performance across various crops.

It features a joystick, a control that allows the operator, from the tractor, to rotate the exit tube and move the deflector.

It includes a simple knife sharpening system built into the machine, which safely sharpens the entire set quickly and uniformly.

Easy access to components, both for maintenance and for knife and counter-knife adjustment operations.

It operates with 14 knives and 14 launchers, ensuring excellent cutting uniformity and optimal discharge into the truck or wagon, avoiding losses.



## Technical Features

Production	up to 70 t/h	Drive	tractor PTO
Chopping sizes	12 (from 3 up to 22mm)	Recommended PTO horsepower	from 160 up to 200 hp
Number of rotor	2	PTO shaft needed rotation	1000 RPM
Number of drums	4	Transmission system	gearbox
Number of blades per rotor	14	Kernel Processor Sieve	si
Number of rolls	8	Working width	2,6 m
Number of feed rollers	4	Approximate weight	2903 kg

# COMPARISON TABLE: FTN 2000 LINE

## Technical Features



**FTN 2300**  
Frontal



**FTN 2500**



<b>PTO horsepower</b>	From 90 to 130	From 140 to 180
<b>Production</b>	Up to 48 TON/HR	Up 60 TON/HR
<b>Chop sizes</b>	24 (From 2 to 36 mm)	12 (From 3 to 22 mm)
<b>Number of knives</b>	2X (12 / 12)	14 / 14
<b>Number of rotors</b>	2	1
<b>Kernel Processor Sieve</b>	Yes	Yes
<b>Cutting system</b>	Serrated knife	Circular knife
<b>Number of feed rollers</b>	4 + 4	4
<b>Transmission</b>	Cardan	Cardan
<b>PTO shaft rotation</b>	1000	540
<b>Coupling</b>	Cat II	Cat II
<b>Drive</b>	Hydraulic/ Electric	Hydraulic
<b>Command options</b>	Hydraulic	Hydraulic
<b>Support wheel</b>	Optional	No
<b>Weight without wheels</b>	2167 kg / 4777 lb	2785 kg / 6140 lb
<b>Weight with wheels</b>	2400 kg / 5091 lb	3058 kg / 6741 lb
<b>Number of rows (cm)</b>	45/50 70 80	•• •• •



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