



General Line



Essential in the field

VERSION 2020 A

A successful story!

In 1957 Nogueira brothers revolutionized the Brazilian cattle ranch and quickly the world with the foundation of the company NOGUEIRA MÁQUINAS AGRÍCOLAS in the city of Itapira-SP.

The start of the company was marked by its first innovation, the DPM Mill that is still a reference in the world livestock market.

In these 60 years, NOGUEIRA continues investing in new technologies and new products to bring modern, efficient and resistant equipment to the market.

We are closer every day to the farmers through our distributors who number more than 1,500 and who are trained to give all the customer service of the NOGUEIRA brand.

NOGUEIRA has a wide range of products to meet the needs of the market with state-of-the-art technologies to bring efficiency in milk and meat production worldwide.

Our history has been built very closely to the farmers and customers and that has made the NOGUEIRA brand essential in the field.

NOGUEIRA: Essential in the field!



NOGUEIRA



**PTO-Driven
Livestock Division**



Storage Division



**Mixers & Forage Wagons
Division**



**Haymaking
Division**



**Agricultural
Division**



**Stationary Livestock
Division**



Forage harvester

FTN 1000



The renowned New Pecos Forage Harvester has evolved and NOGUEIRA brand launches into the market the versatile and innovative Forage Harvester FTN 1000 with the new wide cutting front in total area.

Forage harvester FTN 1000 is a machine specially designed for the farmer who seeks greater performance and speed in the harvest of maize, sorghum and tall grass.

Equipped with 1 chopper rotor with 12 blades that efficiently process the forage cut by its cutting front of 1.0 m working width.

Its chopping system also has the recognized kernel processor sieve that guarantees a uniform chopping, essential for the production of a quality silo and high nutritional value.

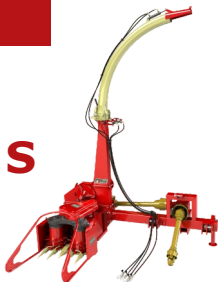
Forage harvester FTN 1000 is a differentiated and simple to operate equipment, it is tradition and technology in a single equipment.

Technical Characteristics

Production	till 35 t/h
Cut sizes	24 (from 2 to 36 mm)
Number of rotor	01
Number of drums	02
Number of blades	12
Number of gathering drums	04
Power source	tractor PTO
Required power at PTO	from 65 to 95 hp
Required revolution at PTO	540 or 1000 RPM (optional)
Transmission system	gearbox / pulley
Support wheel	optional
Weight	850 kg

Forage harvester

FTN 1000 S



Sugarcane has been an important source of food for livestock and to meet this demand the engineering team of Nogueira continues to develop new technologies.

The innovative FTN 1000 S Forage Harvester arrives on the world market with a new and special cutting front in total area.

FTN 1000 S Forage Harvester is essential for harvesting sugarcane and tall grasses as its system allows precise cutting of the stalk, facilitating regrowth!

Technical Characteristics

Production	till 38 t/h
Cut sizes	12 (from 2,5 to 18 mm)
Number of rotor	1
Number of drums	2
Number of blades	14
Number of gathering drums	4
Power source	tractor PTO
Required power at PTO	from 85 to 125 hp
Required revolution at PTO	540 RPM
Transmission system	gearbox
Weight	1072 kg

Forage harvester

FTN 1600



- Row-independent and multi-forage harvesting with 1,6m working width;
- Powerful rotor with 15 blades; cut and throw action in a single operation;
- Frame designed for side, front or rear harvesting, allowing opening of fields as well as easier harvesting in small plots and edges;
- Direct drive transmission system without belt/chain for taking better advantage of tractor power and easier maintenance;
- Fully articulated frame and 2 support wheels with hydraulic adjustment allows harvesting in uneven terrains without damaging the equipment frame and relieves tension on tractor 3-point linkage;

Technical Characteristics

Production	till 50 t/h
Cut sizes	18 (from 2,5 to 43 mm)
Number of rotor	1
Number of drums	2
Number of blades	15
Nuber of saws	2
Number of gathering drums	4
Power source	tractor PTO
Required power at PTO	from 100 to 140 hp
Required revolution at PTO	540 or 1000 RPM (optional)
Transmission system	gearbox
Working width	1,6 m
Weight	2150 kg

Forage harvester

FTN 1900



Versatility and efficiency add to the productivity for the development of the innovative Forage Harvester Nogueira FTN 1900, fully equipped with the new wide cutting front in total area.

FTN 1900 forage harvester is a specially designed equipment for the farmer who seeks greater yield and speed in the harvest of maize and sorghum. Equipped with 2 chopping rotors that efficiently process the forage cut by its cutting front of 1.9 m working width.

Equipped with a special folding coupling arm that allows to harvest in reserve for the opening of the alleys. Its chopping system also has the recognized kernel processor sieve that guarantees a uniform chopping, essential for the production of a quality silo and high nutritional value.

Forage harvester FTN 1900 is a differentiated and simple to operate equipment, it is technology and tradition in a single machine.

Technical Characteristics

Production	till 48 t/h
Cut sizes	24 (from 2 to 36 mm)
Number of rotor	2
Number of drums	4
Number of blades	12 + 12
Number of gathering drums	4 + 4
Power source	tractor PTO
Required power at PTO	90 till 130 hp
Required revolution at PTO	540 RPM
Transmission system	gearbox
Weight	2167 kg

Forage harvester

FTN 2500



Nogueira FTN 2500 Forage Harvester is great in technology, performance, versatility and with a cutting front of 2.5 meters working width.

Its wide cutting front is modern in design and developed to serve farmers that look for high productivity, versatility in the harvest of maize and sorghum forage.

Forage Harvester Nogueira FTN 2500 inherits the essence of the Nogueira brand, the precision of chopping and breaking of grains, since it has a special design in its blades and in its kernel processor sieve.

Quality cutting is essential for the production of a quality silo with high nutritional value.

Technical Characteristics

Production	till 60 t/h
Cut sizes	12 (from 2,5 to 18 mm)
Number of rotor	1
Number of drums	2
Number of blades	14
Number os saws	2
Number of gathering drums	4
Power source	tractor PTO
Required power at PTO	from 140 to 180 hp
Required revolution at PTO	540 or 1000 RPM (optional)
Transmission system	gearbox
Weight	3086 kg

Forage harvester

NEW PECUS



Reference and recognized in its class for its performance, resistance and simplicity!

Its new rotor design with 12 blades and its efficient kernel processor sieve guarantees a uniform chopping, essential for the production of a quality silo and high nutritional value.

Its collecting head is equipped with 4 drums and it is articulable that facilitates maintenance.

Its blades sharpening system is safe, practical and guarantees a uniform sharpening of the blades.

Technical Characteristics

Production	till 30 t/h
Cut sizes	24 (from 2 to 36 mm)
Number of rotor	01
Number of blades	12
Number of gathering drums	04
Required power at PTO	From 55 to 90 hp
Required revolution at PTO	540 RPM
Transmission system	gearbox / pulley
Support wheel	optional
Weight	600 kg

Forage harvester

NEW PECUS DUO



New Pecus Duo forage harvester is a specially designed equipment for the farmer who seeks greater yield and speed in the harvest of maize and sorghum. Designed and equipped with 2 chopping rotors and with the recognized kernel processor sieve that guarantees a uniform chopping, essential for the production of a silo of quality and high nutritional value.

Each collecting platform is equipped with 4 drums and it is articulated that facilitates maintenance. Its blades sharpening system is safe, practical and guarantees an uniform sharpening of the blades.

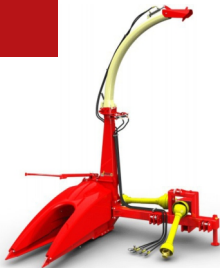
Equipped with a special articulated coupling arm that allows to harvest in reserve for the opening of the rails. Available in the following spacings between lines: 720mm (700-770mm), 800mm (750-850mm), 900mm (850-950mm) and 950mm (900-1000mm)

Technical Characteristics

Production	till 45 t/h
Cut sizes	24 (from 2 to 36 mm)
Number of rotor	02
Number of drums	4 + 4
Number of blades	12 + 12
Required power at PTO	from 80 to 120 hp
Required revolution at PTO	540 RPM
Transmission system	gearbox
Support wheel	optional
Weight	1250 kg

Forage harvester

NEW PECUS SUGARCANE



Made to work hard in sugarcane harvesting, it is strong and tough!

Equipped as standard with a special fairing and with discharge chute with hydraulic control that facilitates the work in the sugar cane.

Its coupling arm has special design and construction to support the workload.

Its collecting platform is developed with high strength gears and it is equipped with 4 drums, guaranteeing more efficiency in harvesting the sugarcane.

Technical Characteristics

Production	till 32 t/h
Cut sizes	12 (from 2 to 36 mm)
Number of rotor	1
Number of blades	14
Number of gathering drums	4
Power source	Tractor PTO
Required power at PTO	from 80 to 120 hp
Required revolution at PTO	540 RPM
Transmission system	gearbox
Grain cracker system	yes
Weight	625 kg
Required revolution at rotor	1500 RPM
Outlet spout driving	hidraulic
Coupling	Category II

Reads

PRN 1.3D 2.0D



Developed for the farmer who seeks more speed in the harvest of tropical grasses spreaded.

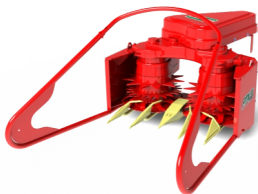
The cutting bar is built with high-strength gears. PRN 1.3D is equipped with 3 drums perfect for coupling to New Pecos and PRN 2.0D is equipped with 5 drums perfect for coupling to New Pecos Duo.

The drums work in high rotation guaranteeing a fast harvest and a precise cut by means of their special knives of high quality steel.

Technical Characteristics	1.3 D	2.0 D
Production	till 30 t/h	till 60 t/h
Types of grass	mombaza / haylage	mombaza / haylage
Required power at PTO	from 60 to 80 hp	from 100 to 150 hp
Required revolution at PTO	540 RPM	540 RPM
Coupling	New Pecos	New Pecos Duo
Working space on grass	1,3 m	2,3 m
Weight	250 Kg	320 Kg

Reads

PTN 1000



PTN 1000 arrives to facilitate the life of the farmer with an excellent project developed for a lower soil compaction and for obtaining high productivity.

With a simple system for coupling into Nogueira harvesters, guaranteeing production in any period of the year with only one equipment.

Technical Characteristics

Production	till 35 t/h
Required power at PTO	from 65 to 95 hp
Required revolution at PTO	540 RPM
Working space on grass	1 m
Types of grass	mombasa, maize, sorghum and sugarcane

Mixers & Forage Wagons Wagons Division

Forage Wagons

VFN 5000



It transports and unloads the forage for the preparation of the silo and distributes the forage in the feeders. VFN 5000 is indicated for small areas because of its ease of maneuver, especially for the farmers who make their silage with the Nogueira ENs choppers lines at the three points.

It is equipped with practical height change system which facilitates and makes more accurate the discharge in the feeders.

It has a (optional) concentrate doser, which at the moment of the fodder discharge mixes immediately with the concentrate, guaranteeing a homogenous mixture and saving manpower.

Technical Characteristics

Load Capacity	5 m ³
Rear discharge time	2,5 min
Required revolution at PTO	540 RPM
Required power at PTO	55 hp
Discharge height	From 65 to 90 cm
Dosing capacity	0,65 m ³
Total length	5,90 m
Total width	from 2,40 to 2,45 m
Shafts width	1,90 m
Height	2,40 a 2,45 m
Weight with doser	1460 kg
Weight without doser	1550 kg
Tires	2

Mixers & Forage Wagons Division

Forage Wagons

VFN 8000 and 10000



VFN is the first Brazilian fodder wagon with tandem wheels system, which is a system far superior to the 5 wheel as it allows fast, stable and safe maneuvers during transport and unloading.

Made of high quality steel material and with wooden floor. The unloading belt is with high strength metal fins that are synchronized for a fast and homogeneous discharge.

The fodder wagon VFN 8000 and VFN 10000 can optionally leave the factory with unloading system by means of endless or by means of discharge belt. The discharge belt is a great differential and is highly recommended for the daily tract where a chopping with longer fibers is normally used.

The rear doors are articulable and their opening is total making the discharge in the silo fast.

Technical Characteristics

Load Capacity	8 m3	10 m3
Rear discharge time	4 min	4 min
Required revolution at PTO	540 RPM	540 RPM
Required power at PTO	55 hp	55 hp
Discharge height	70 cm	70 cm
Dosing capacity	0,65 m3	-
Total length	6,70 m	6,70 m
Total width	from 2,40 to 2,50 m	from 2,40 to 2,50 m
Shafts width	1,90 m	1,90 m
Height	2,40 m	2,60 m
Wiegth without doser	1980 kg	2050 kg
Wiegth with doser	2060 kg	-
Tires	4	4

Mixers & Forage Wagons Wagons Division

Forage Wagons

VFN 9000



VFN 9000 forage wagon is an equipment for forage transport and daily treatment with capacity of 9m³, tractor driven, equipped with metal conveyor belt driven by special steel chains and removable floor made of treated naval wood, removable crossbars, unroller shafts, tailgate, stainless steel plate sides and articulated stand jack.

Stainless steel sidewalls providing higher durability and resistance. The action is through cardan in the TDP at 540 rpm, full transmission shield, discharger reversible rear or side on the left side through an auger.

Each transmission is protected by a security system with fusible pins. Equipped with TANDEM wheel system with 4 wheels which guarantees greater stability, provides easy maneuvering and better adaptation on uneven terrain.

Optional ration doser that adds automatically concentrate ration and other nutritional additives, providing a better homogeneous mixture and highly nutritious.

TECHNICAL CHARACTERISTICS

Load Capacity	9m ³
Rear discharge time	2 min
Side discharge time	2,5 m ³ / m
Required revolution at PTO	540 RPM
Required power at PTO	55 cv
Discharge height	750 mm
Dosing capacity	700 liters
Total length	6,88 m
Total width	4,25 m
Shafts width	2,5 m
Height	2,58 m
Weight with doser	2494 kg
Weight without doser	2200 kg
Tires	4

Mixers

VMN 1.5 and 2.0 Mini Mixer



Developed to meet the producer who knows the importance of a good mix in the production of meat and milk!

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

The coupling system is optional to three points or trailer. The trailer system is more suitable for the VMN 2.0 model.

Its main drawer is made of high quality stainless steel with high resistance to wear. Its main transmission is by means of a hydraulic motor of high performance and that guarantees a smooth movement to all the mechanism of the equipment that also counts on pinions and chains of high resistance.

Mini Mixers VMN 1.5 and 2.0 also have the milling system (optional) that makes loads faster and more efficient and ensures that the removal of the forage from the silo is accurate avoiding the decompaction of the silo that normally occurs in withdrawals.

Technical Characteristics	1,5	2,0
Discharge side	right	right
Required revolution at PTO	540 RPM	540 RPM
Required power at PTO	50 hp	50 hp
Width	1,06 m	1,06 m
Height	1,53 m	1,53 m
Height without silage loader opened	2,50 m	2,50 m
Height with silage loader opened	3,10 m	3,10 m
Length	1,90 m	1,90 m
Hydraulic oil tank	65 L	65 L

Mixers

VMN 4.0 and 6.0 PA CISNE



VMN 4.0 and 6.0 Cisne Mixers are an evolution in the mixture of concentrate and mineral salt for the production of concentrated ration.

Their shovels system guarantees an uniform mix of the ingredients. The discharge into the feeder is precisely made by a specially designed auger driven by a hydraulic motor.

VMN 4.0 and 6.0 Cisne Mixers also have a roof to prevent the concentrate from getting wet during unloading.

Their drawers are made of stainless steel which allows work with salt, grains and concentrates.

Technical Characteristics

4.0 PA

6.0 PA

Discharge side	Left	Left
Required revolution at PTO	540 RPM	540 RPM
Required power at PTO	50 hp	60 hp
Width	2,70 m	2,70 m
Height	2,21 m	2,21 m
Length	3,88 m	4,82 m
Weight	1260 kg	2230 kg

Mixers

VMN 4.0 and 6.0 PA



VMN 4.0 and 6.0 PA Mixers are already recognized in their class for their quality and homogeneity of the mix, due to their special system of perfectly synchronized shovels. The mixing shovels have knives that allow to chop small and stripped off square bales.

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

The structure of the chassis has a very fine finish, resistant and with spreader in the drawbar that allows a better level at the height of the tractor.

The discharge gate is with hydraulic control that allows an accurate opening according to the need of discharge.

Their discharge belts are moved by hydraulic motor that transmits a smooth and precise movement in the discharge of the forage in the feeder. The height of the discharge belt can be adjusted manually or with optional hydraulic system.

Technical Characteristics

4.0 PA

6.0 PA

Discharge side	left	left
Required revolution at PTO	540 RPM	540 RPM
Required power at PTO	50 hp	50 hp
Width	2,29 m	2,69 m
Height	2,19 m	2,19 m
Length	3,81 m	4,80 m
Weight	1700 kg	2171 kg

Mixers & Forage Wagons Division

Mixers

VMN
4.0 H
6.0 H
8.0 H



Recognized within the monitoring for their resistance and for the uniformity of mixing. Mixers VMN 4.0 H, 6.0 H and 8.0 H mixing system have a central auger with special steel blades and high chopping power and 2 upper augers that ensure a continuous flow of forage ensuring a homogeneous mixture.

The transmission is by means of a powerful hydraulic motor, pinions and chains of high resistance. Guaranteeing a constant movement of mixture. Equipped with a weighing system with electronic scale and three high precision load sensors, guaranteeing the exact distribution to the animals!

The structure of the chassis has a very fine finish, resistant and with spreader in the drawbar that allows a better level at the height of the tractor. The discharge gate is with hydraulic control that allows an accurate opening according to the need of discharge.

The discharge belt is moved by hydraulic motor that transmits a smooth and precise movement in the discharge of the forage in the feeder. The height of the discharge belt can be adjusted manually or with optional hydraulic system.

They also have the milling system (optional) that makes the loads faster and more efficient and ensures that the removal of the forage from the silo is accurate, preventing the decompression of the silo that normally occurs in the waste.

Technical Characteristics

4.0 H

6.0 H

8.0 H

Discharge side	right	right	right
Required revolution at PTO	540 RPM	540 RPM	540 RPM
Required power at PTO	from 50 to 60 hp	from 52 to 64 hp	from 52 to 65 hp
Width	2,03 m	2,03 m	2,03 m
Height	2,48 m	2,43 m	2,43 m
Height with silage loader opened	3,55 m	3,80 m	3,80 m
Length	4,76 m	5,45 m	6,25 m
Weight	3260 kg	3750 kg	4240 kg

Storage Division

Grain Bagger

NSG 9200



NSG Grain Bagger is a low cost solution for the storage of your crop on your farm it allows you to wait for the best time to market your crop.

We recommend the use of a quality bag so the beans are preserved in anaerobic environment and stable internal temperature, guaranteeing and preserving the quality of your harvest.

Another strong and important point is that its brake system is accurate and reliable, allowing an uniform filling of the bag.

Technical Characteristics

System	Continuous Flow 180~220 t/h
Required revolution at PTO	200 RPM
Required power at PTO	25 hp
Power source	Tractor PTO
Transport width	2,60 m
Working width	4,39 m
Height without Hopper	3,07 m
Working height	3,57 m
Wheels	6,5 x 16
Bag	9 feet

Grain Bagger

SILONOG CRACKER



Silonog Cracker is specially developed for silage of corn grains.

Its cracker system consists of two steel rollers high resistance and special design that work in high rotation for the effective breaking of the grains.

Silonog Cracker was specially designed for wet grain silage.

Another strong and important point is that its brake system is accurate and reliable, allowing an uniform filling of the bag.

Technical Characteristics

Production	180~220 t/h
Required revolution at PTO	540 RPM
Required power at PTO	60 hp
Power source	Tractor PTO
Transport width	2,27 m
Working width	2,27 m
Height without Hopper	1,83 m
Working height	2,87 m
Wheels	215 80 x 16
Bag	6 feet

Forage Bagger **SILONOG SILAGE**



Silonog Silage is specially developed for silage of maize, sorghum, grass and sugarcane.

Its feeding belt system is made of rubber, it is of low maintenance and the rotation of work allows a constant feeding flow, guaranteeing an excellent compaction of the bag. The feeding belt also has articulation with hydraulic control, which facilitates the start-up in transport.

We recommend the use of a quality bag so that the forage is preserved in an anaerobic environment and stable internal temperature, guaranteeing a quality silo with high nutritional value.

Its transmission system is simple and strong, guaranteeing a good functioning of the system and effective compaction of the forage inside the bag.

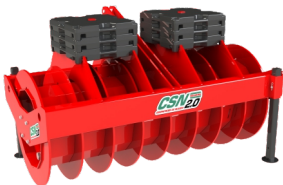
Another strong and important point is that its brake system is accurate and reliable, allowing an uniform filling of the bag.

Technical Characteristics

Production	180~220 t/h
Required revolution at PTO	540 RPM
Required power at PTO	45 hp
Power source	Tractor PTO
Transport width	2,68 m
Working height	2,35 m
Height without Hopper	-
Working width	3,23 m
Wheels	215 80 x 16
Bag	6 feet

Forage Packer

CSN 2.0



CSN 2.0 Forage Packer is an equipment produced to assist and speed up the compaction process, saving time and fuel and also facilitating compaction near the edges and increasing the density in the silo, optimizing also the process of fermentation, reducing mold and mildew losses, thus reducing storage costs.

Technical Characteristics

Power source	tractor PTO
Number of discs	9
Minimum lifting capacity at 610mm from pin hole	1600 kg
Width (working position)	2,0 m
Aproximate weight (empty and without ballast)	1300 kg
Ballast weight (per unity)	160 kg
Water tank maximum capacity	500 lt
Disc diameter	0,9 m
Height	1,25 m

HAYMAKING DIVISION

Drum Mower

SN 165



Practical, simple, efficient in the haymaking operations, this is Nogueira Drum Mower SN 165.

Its cutting system with 2 drums and 6 knives makes a clean cut facilitating regrowth of the forage.

Its transmission system has a special free-wheeling cardan and a protection system against impact on obstacles during the operation.

Articulating coupling arm that facilitates start-up and transport operation.

Technical Characteristics

Production	till 2 ha/h
Required revolution at PTO	540 RPM
Required power at PTO	35 hp
Cutting width	1,65 m
Transport width	1,37 m
Transport length	3,12 m
Number of drums	2
Number of knives	6
Hitch system	hydraulic cat I & II
Work inclination	25°
Weight	420 kg

Disc Mower

SDN 170



Fast and tough, Nogueira Disc Mower SDN 170 Disc Mower is made for farmers that are looking for more cutting speed.

Equipped with a cutting bar with high resistance pinions, with 4 discs and 12 knives that guarantee speed and precise cutting in a working width of 1,70 m.

Its transmission is simple, easy to maintain and its structure adapts very easily to the conditions of the ground.

Technical Characteristics

Production	till 2 ha/h
Required power at PTO	36 hp
Cutting width	1,70 m
Number of discs	4
Number of knives	12
Cutting speed of the knives	75 m/sec
Rotation of discs	2800 RPM
Work inclination	90° vertical till 45° inclination
Weight	415 kg

Disc Mower

SDN 210



SDN 210 Mower has 5 oval cutting discs, with 2 knives on each disc. Designed to produce a precise cut without harming the plant which allows a faster regrowth. Each disc has a left and a right knife that can be used on both sides.

It is an ideal equipment for cutting and producing hay or silage of haylage with a cut width of 2.10 m. SDN 210 discs have been developed in such a way that in contact with stones or something similar does not suffer breakages.

In addition, this machine was developed in a way that the product that is being cut is easily thrown back leaving a cleaner ground.

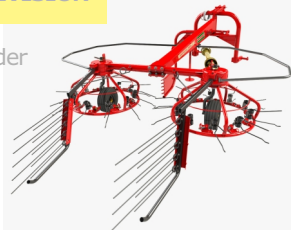
Technical Characteristics

Production	till 25 ha/h
Required power at PTO	35 hp
Cutting width	2,1 m
Number of discs	5
Number of knives	10 (2 per disc)
Rotation of discs	2800 RPM
Power source	Tractor PTO
Weight	432 kg

HAYMAKING DIVISION

Rake and Spreader

Haynog 300



Rake and Spreader Haynog 300 is recognized in its division for its simplicity and for developing double function, swath and spreader.

The springs of the rotating drums move and work by centrifugal force which makes the Haynog 300 a fast machine.

It is fast in its function as a swath, makes uniform rows facilitating the collection of forage by the Nogueira Express Bale and, in its function of spreader is efficient, its work lightens the predrying process for the production of bales or high silage nutritional quality.

Technical Characteristics

Production	till 3 ha/h
Required revolution at PTO	350~540 RPM
Required power at PTO	15 hp
Cutting width	3,0 m
Transport width	2,8 m
For single line	3,0 m
For double line	6,0 m (3 passages)
Hitch system	hydraulic cat I & II
Wheels	15 x 6.00 6 A PR
Weight	300 kg

HAYMAKING DIVISION

Baler Express 4030 and 5040



Baler Express 5040 was developed to meet the demand for heavier work such as the packing of crop stubble and some tropical pastures and, therefore, its transmission system is total by means of transmission and cardan box to guarantee the proper functioning of its mechanism.

Its main gearbox system is strong and with strong pinions developed to withstand the pressure of 100 strokes per minute of the compression piston, which ensures a fast and uniform compaction of the bales. Its transmission has cardan with clutch system and fuse bolt protection against overload.

Its collector has a working width of 1,58 m and with control by hydraulic control, its transmission is also by means of a pinion box. The collector has its support wheel and a shock absorber to absorb the impacts and adapt in the imperfections of the ground. It has a manual bale lift as an option that allows the bales to be driven directly on the trailer with the machine in operation.

Baler Express 4030 was developed to handle the operations of hay and forage of small size such as alfalfa, star grass, coast-cross and others. Its transmission is by means of gears, chains and belts it is perfectly designed to meet the demands of normal haying operations. Its compression piston has 100 strokes per minute which allows a fast and uniform compaction of the bales.

Its picker has a working width of 1.40 m and has a support wheel and a shock absorber to absorb the impacts and adapt to the imperfections of the ground.

It has a manual bale lift as an option that allows the bales to be driven directly on the trailer with the machine in operation.

Technical Characteristics	EXPRESS 5040	EXPRESS 4030
Production	400~600 bale/h	400~600 bale/h
Required revolution at PTO	540 RPM	540 RPM
Required power at PTO	35 hp	35 hp
Pickup Width	1,58 m	1,40 m
Piston strokes	100/min	100/min
Left tire	10.5/65-16	7.10-15
Right tire	5.60-15	5.60-15
Left tire pressure	55 LBS/pol ² (3,8 kg/cm ²)	30 LBS/pol ² (3,8 kg/cm ²)
Right tire pressure	30 LBS/pol ² (2,1 kg/cm ²)	30 LBS/pol ² (2,1 kg/cm ²)
Weight	1460 kg	1200 kg

DIMENSIONS OF THE BALE

	Express 5040	Express 4030
Long (adjustable)	de 0,50 a 1,20 m	de 0,50 a 1,00 m
Height	40 cm	30 cm
Width	50 cm	40 cm

Fertilizer and Distributor

Royal Flow 600



Nogueira Fertilizer and Distributor Royal Flow 600 has a perfectly balanced pendulum system mechanism.

This system guarantees an uniform application of fertilizer or seed and with high utilization rate since its application system does not hit and does not fragment the fertilizer and seed particles.

It is a highly recommended model for fertilization of fruit trees and sowing of pastures, due to the uniformity of application, its application width is from 9 to 14 m.

Its hopper is produced with high quality polyethylene that guarantees a longer life and resistance to work.

Technical Characteristics

Production	from 50 to 2000 kg/ha
Required revolution at PTO	540 RPM
Required power at PTO	50 hp
Loading capacity	600 lt
Working width	from 9 to 14 m
Length	1,70 m
Width	1,50 m
Height	1,33 m
Weight	139 kg

Fertilizer and Distributor

Soft 600 and 900



Nogueira Soft 600 and Soft 900 distribute and quickly apply granular fertilizers, limestone and seeds.

It has an easy maintenance mechanism, easy operation and easy calibration in different products.

Its throwing disc counts on 4 shovels in special format with a launching power application of the fertilizer between 9 to 16 m.

Its hopper is produced with high quality polyethylene that guarantees a longer life and resistance to work.

Technical Characteristics	SOFT 600	SOFT 900
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Production	from 6 to 721 kg/ha	from 6 to 721 kg/ha
Required revolution at PTO	540 RPM	540 RPM
Required power at PTO	30 hp	50 hp
Loading capacity	410 lt	600 lt
Working width	from 9 to 16 m	from 9 to 16 m
Length	1,35 m	1,35 m
Width	1,25 m	1,25 m
Height	1,25 m	1,45 m
Weight	82 kg	93 kg

Fertilizer and Distributor

Soft 1300



Soft Duo 1300 is a double fertilizer and distributor with 4 blades with regulations and vents that allow the products to be thrown further or near the equipment making a uniform distribution of the products.

It is ideal for pre-germinated products, granular fertilizers, lime, seeds, correctives, etc., whether they are granulated or powder and can be supplied with wheel loader or other implement for loading.

Soft 1300 is a machine really tough and it has a launching range from 16 to 36m and its capacity is 1300 lt with dosage rate system avoiding waste.

Its structure is made of steel, protectors, sluices and internal closure made of stainless steel plus an entire polyethylene tank.

Technical Characteristics

Required revolution at PTO	540 RPM
Required power at PTO	from 30 to 50 hp
Loading capacity	1300 lt*
Working width	from 16 to 36 m
Length	1,5 m
Width	2,35 m
Height	1,30 m
Weight	274 kg

*The tractor 3-point hydraulic system must have the ability to lift the weight of the machine plus the weight of the conditioned product in the tank.

Fertilizador and Distribuidor

Rota Flow



Nogueira Fertilizer and Distributor Rota Flow is recognized in its class as the most efficient and accurate system.

Rota Flow system is an exclusive system that allows the fertilizer or the seed to reach the throwing disc without suffering impact or blow. Fertilizer or seeds slide on the system and is thrown in a smooth and precise way to the blades avoiding defragmentation of the particles.

Its system is easy to calibrate and once the calibration is done, according to the operation manual, the application in a width of 24 m is uniform and precise. The opening of the discharge gates is with hydraulic control that guarantees precision and speed in the operation.

Its tank is produced with high quality polyethylene that guarantees a longer life and resistance to work, as well as its metallic structure in high quality steel is developed to withstand its capacity of 1500 liters.

Technical Characteristics

Production	from 50 to 2000 kg/ha
Required revolution at PTO	50 hp
Required power at PTO	540 RPM
Loading capacity	600 lt
Working width	from 9 to 14 m
Length	1,50 m
Width	1,70 m
Height	1,33 m
Weight	139 kg

STATIONARY LIVESTOCK DIVISION

Disintegrator, Choppers and Grinders

DPM

**DPM Hobby | DPM Jr
DPM 1 | DPM 2 | DPM 4**



Equipped with powerful rotor with knives and hammers, grinds, chops and shreds a wide variety of products. It grinds grains, maize cob and sorghum to produce flour for the preparation of animal feeding.

Its specially designed knives are made of high strength steel that quickly and accurately chop several types of forage such as sugarcane, maize, sorghum and grass for the daily tract of the animals as well as for the silo preparation.

DPM1 / DPM2 / DPM 4 models have an optional cyclone that facilitates the filling of the bags for flour storage.

DPM 4 model has a version for coupling into three point hitch of the tractor facilitating the mobility of the equipment on the farm.

Technical Characteristics

	ENGINE POWER (HP)			ROTATION (RPM)
	ELECTRIC	GASOLINE	DIESEL	
DPM Hobby	1,5 DIRECT ON THE ROTOR	-	-	3470
DPM Júnior	2.0~3.0	4.0~6.0	4.0~6.0	3500
DPM 1	5.0~7.5	7.0~9.0	7.0~8.0	4100
DPM 2	7.5~10.0	9.0~10.5	8.0~10.0	3700
DPM 4	10.0~12.5	12.5~15.0	10.0~13.0	3300

	Maize			Full Cob		Corn Kernels, Sugar Cane, Grass, Roots, Tubers	
	5mm	3mm	Sieve 0.8mm	1.5mm	10mm	5mm	10mm
DPM Hobby	110-180	80-100	-	30-40	130-320	-	-
DPM Júnior	400-700	250-300	50-60	-	-	150-250	250-350
DPM 1	500-750	350-550	60-100	-	-	200-350	400-500
DPM 2	600-850	550-700	100-150	-	-	300-450	500-700
DPM 4	880-1150	700-900	150-200	-	-	350-500	700-800

	Without Sieve Smooth Plate	
DPM Hobby	300-800	
DPM Júnior	600-1200	
DPM 1	1000-2000	
DPM 2	2000-3000	
DPM 4	3000-4000	

STATIONARY LIVESTOCK DIVISION

Forage Choppers

EN

EN-9 F3B | EN-12B



Forage Choppers EN 9 and EN 12 are sales leaders in their class and are available in several versions.

Their powerful chopping rotors are equipped with special knives that chop with precision and speed several types of forage such as sugarcane, maize, sorghum and grass for the daily tract of animals as well as in the preparation of silo.

The mechanism of transmission and graduation of the chopping is by means of pinions of easy change and maintenance and with 5 option sizes: 4, 6, 8, 16 and 22 mm.

Their feeding systems work with a pick-up roller that takes the forage in a soft and controlled way to the chopping rotor. The models are available in several versions (easel, base for electric motor and engine) and EN 12 model has a version for coupling into three point hitch of the tractor, facilitating the mobility of the equipment on the farm.

Technical Characteristics	EN-9F3B	EN-12B
Production*	from 1500 to 7500 (kg/h)	from 2500 to 11500 (kg/h)
Rotation	1600 RPM	1600 RPM
Electric motor power	from 5,0 to 10,0 hp	from 10,0 to 15,0 hp
Gasoline engine power	from 8,0 to 10,5 hp	from 10,5 to 12,5 hp
Diesel engine power	from 7,0 to 8,0 hp	from 10,0 to 13,0 hp

*Production mentioned on the table of information may present variations according to the degree of product moisture, specific weight and working conditions

STATIONARY LIVESTOCK DIVISION

Forage Choppers

EN SÉRIE 6000

EN-6180 | EN-6700 F4
EN-6800



Forage Choppers of 6000 serie are recognized and respected in their class. Their powerful chopping rotor are equipped with special knives that chop with precision and speed several types of forages such as sugarcane, maize, sorghum and grass for the daily tract of animals as well as in the preparation of silo.

The mechanism of transmission and graduation of the chopping is by belt and pulleys of easy changing and maintenance. Their feeding systems work with a pick-up chopping that takes the forage in a soft and controlled way to the chopping rotor.

The models are available in several versions (easel, base for electric motor and diesel) and only model 6700 and 6800 there is the option of mounting on the coupling attachment for three points to the tractor, which facilitates the mobility of the equipment by the estate.

Technical Characteristics

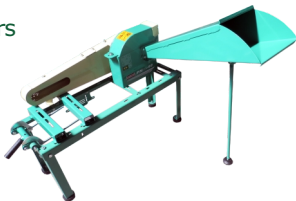
	*Production(kg/h)	Rotation(RPM)	Electric motor(hp)	Gasoline(hp)	Diesel(hp)
EN-6180	1500 a 5000	1600	3,0	-	-
EN-6700	3000 a 15000	1600	10,0 a 15,0	10,0 a 16,0	12,5 a 16,0
EN-6800	5000 a 18000	1600	20,0 a 25,0	-	-

*Production mentioned on the table of information may present variations according to the degree of product moisture, specific weight and working conditions

STATIONARY LIVESTOCK DIVISION

Forage Choppers

PN JV 40



With modern design, PN JV 40 is efficient in the forage chopping for the daily tract and for the preparation of silo for feeding the animals.

Equipped with a modern 3 knives rotor, it accurately chops, sugarcane, corn, grass and sorghum.

It is a simple and easy to operate machine and that has won the world market of choppers.

Technical Characteristics	PN JV 40
Production*	300/800 kg/h
Rotation	3500 RPM
Number of knives	3
Electric Motor	from 2,0 to 3,0 hp
Diesel/gasoline engine	from 4,0 to 6,0 hp

*Production mentioned on the table of information may present variations according to the degree of product moisture, specific weight and working conditions

STATIONARY LIVESTOCK DIVISION

Forage Choppers

PN PLUS 2000



With modern design, PN PLUS 2000 is efficient in the forage chopping for the daily tract and for the preparation of silo for feeding the animals.

Equipped with a modern 3 knives rotor, it accurately chops, sugarcane, corn, grass and sorghum.

It is a simple and easy to operate machine and that has won the world market of choppers.

Technical Characteristics

Production*	500/2500 kg/h
Rotation	2200 RPM
Number of knives	3
Electric Motor	from 3,0 to 5,0 hp
Diesel/gasoline engine	-

*Production mentioned on the table of information may present variations according to the degree of product moisture, specific weight and working conditions

STATIONARY LIVESTOCK DIVISION

Forage Choppers

PN MASTER 3000



With modern design, PN MASTER 3000 is efficient in the forage chopping for the daily tract and for the preparation of silo for feeding the animals.

Equipped with a modern 3 knives rotor, it accurately chops, sugarcane, corn, grass and sorghum.

It is a simple and easy to operate machine and that has won the world market of choppers.

Technical Characteristics

Production*	2000/7000 kg/h
Rotation	2500 RPM
Number of knives	3
Electric Motor	from 7,5 to 10,0 hp
Diesel/gasoline engine	-

*Production mentioned on the table of information may present variations according to the degree of product moisture, specific weight and working conditions

Forage Choppers

SERTANEJA MASTER



Nogueira Sarteneja Master was designed and developed to meet the needs of farmers that are looking for livestock feeding options.

It efficiently cuts palm, agave, nopal and other forages and alternative products.

Technical Characteristics

Production*	3500/4000 kg/h
Rotation	2500 RPM/1400 RPM (opcional)
Number of knives	3
Electric Motor	from 5,0 to 7,5 hp
Diesel/gasoline engine	from 6,0 to 9,0 hp

*Production mentioned on the table of information may present variations according to the degree of product moisture, specific weight and working conditions

Hammer Milld

TN-8 Dry Grain TN-8 Wet Grain



Hammer Mill TN 8 dry grain machine is the best option for grinding dry products, quickly and with quality. Equipped with a rotor with 36 hammers and with 4 different sizes of sieves that grind maize cob, maize, sorghum and other seeds with quality. It is the essential tool for concentrate production.

It has as an optional cyclone that facilitates the filling of the bags for storage of the flour. Its version for wet grains is equipped with a rotor with 45 hammers and with 5 different sizes of sieves that crush the wet waize for silage.

Technical Characteristics	TN-8 Dry Grain	TN-8 Wet Grain
Power source	tractor/electric motor	tractor/electric motor
Tractor power	36 hp	40 hp
Electric motor power	30 hp	40 hp
Rotation	from 3.320 to 3.670 RPM	from 2.850 to 3.150 RPM
Number of rotor hammers	36	45
Weight	255 kg	260 kg
Versions	electric motor base / accessory for tractor	electric motor base / accessory for tractor

PRODUCTION (kg/sc)*			
Sieves	Maize (dry grains)	Maize (humed grains)	Maize cob
Sieve 18 mm	10.000/167	9.500/158	8.000/133
Sieve 14 mm	9.000/150	8.000/133	5.000/83
Sieve 10 mm	7.500/125	5.000/83	3.500/58
Sieve 8 mm	5.000/83	3.500/58	2.000/33
Sieve 5 mm	3.000/50	no se aplica	1.000/17
Sieve 3 mm	2.000/33	no se aplica	700/12
Sieve 0,8 mm	not applicable	no se aplica	not applicable
Smooth	not applicable	15.000/250	not applicable

*Production mentioned on the table of information may present variations according to the degree of product moisture, specific weight and working conditions

STATIONARY LIVESTOCK DIVISION

Hammer Mill

TN-10



Hammer Mill TN-10 was developed for the producer that is looking for high performance.

Equipped with a rotor with 48 hammers that grinds maize cob, maize sorghum and other seeds with efficiency and quality it is the essential tool for production of concentrate.

Equipped with coupling attachment for three points to the tractor with 65 hp, which facilitates the mobility of the equipment on the farm.

Technical Characteristics

Power source	tractor/electric motor
Tractor power	65 hp
Electric motor power	30 hp
Rotation	from 1.800 to 2.000 RPM
Number of rotor hammers	48
Weight	320 kg
Versions	electric motor base / accessory for tractor

PRODUCTION (kg/sc)*

Sieves	Maize (dry grains)	Maize (humed grains)	Maize cob
Sieve 18 mm	10.000/167	9.500/158	8.000/133
Sieve 14 mm	9.000/150	8.000/133	5.000/83
Sieve 10 mm	7.500/125	5.000/83	3.500/58
Sieve 8 mm	5.000/83	3.500/58	2.000/33
Sieve 5 mm	3.000/50	no se aplica	1.000/17
Sieve 3 mm	2.000/33	no se aplica	700/12
Sieve 0,8 mm	not applicable	no se aplica	not applicable
Smooth	not applicable	15.000/250	not applicable

*Production mentioned on the table of information may present variations according to the degree of product moisture, specific weight and working conditions



Essential in the field



São João da Boa Vista-SP



Itapira-SP