

**Haymaking
Division**

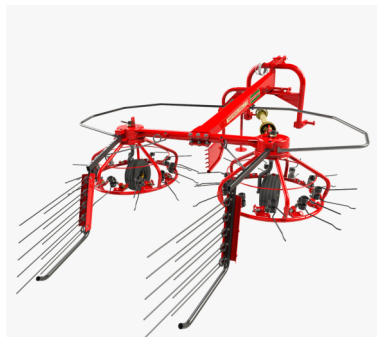
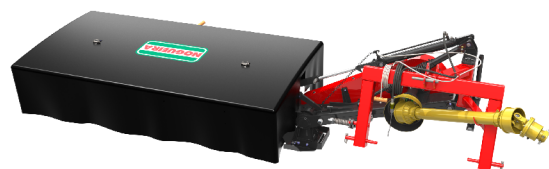


Essential in the field

DRUM MOWER

RAKE AND SPREADER

BALER



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.

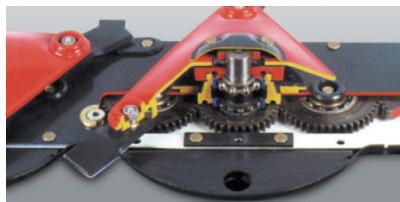
Equipped with a cutting bar with high resistance pinions, with 4 discs and 12 knives that guarantee speed and precise cutting in a working width of 1,70 m.

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



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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



The design of the oval discs allows a continuous flow of products avoiding the blockage of the discs, reducing the impact of small stones and making the work flows smooth



Cutting bar with 5 discs and 2 knives per disc



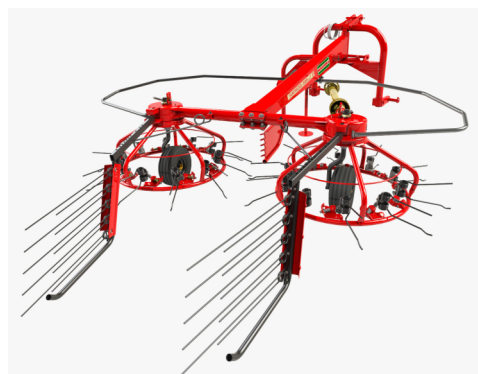
Transport protection with hydraulic lift

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.

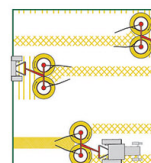
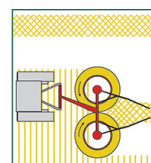
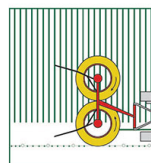
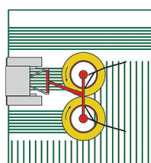


Technical Characteristics

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



Rake turns when it works and locks when it is lifted



HAYMAKING DIVISION

Baler

Express 4030/5040



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 absolve 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 absolve 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

*with bale lift (optional)



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



Essential in the field

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