

ROUND BALERS

SUPERNO

WOW!





Since 1978...



*Evolution
is the originality
for several years*





...until today



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EASY-MAX Tronic

*Rapidity,
simplicity,
reliability*

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MASTER-PLUS Tronic

*High efficiency
and great
performance*

12

TOP-CUT Tronic

*Powerful
cutting and
strong pressing*

16

R 170

*The
innovation
One single
rubber belt*



EASY-MAX

Tronic

*Rapidity,
simplicity,
reliability*

The reduced dimension of the pick-up facilitates the harvest of the product and the feed of the pressing chamber is lightened by the double fork introduction device which has strong guides teeth thereby eliminating the risk of clogging caused by irregular windrows and it keeps the feed constant without any interruptions, guaranteeing an improved bale formation.



The pick-up of 1,6 mt width (standard) with alternative feeder allows to harvest all type of products in all different conditions.

The pick-up of 1,9 mt width with 2 sides screws allows the harvesting of wide windrows.

A comb over the pick-up regulate the introduction of the product.





Two adjustable gauge wheels are optional with pick-up 1,6 mt.

The bale expeller (standard) on all model is easily removable.



The rolls+chains system does not required the disconnection of PTO during the opening of the pressure chamber.



The two lower rollers misaligned between them allows the unloading of the bales.





The binding process is engaged by an electromagnet directly from on board control unit.



The net binder with direct introduction in the chamber, between rolls and cross bars, allows to work in all conditions (independently of the inclination and the strength of the wind). This type of binder inserts the net on the whole width of the bale.



An electronic on board control unit in tractor cab allows at the time of the acoustic signal to access at the binding automatically or manually.



On board control unit:

- Bale counter total and partial
- End of bale detection with horn
- Automatic or manual starting of the binding



The pressing chain with cross bars on the hatch and the rolls in the front facilitate the rolling-up of the bale without disconnection of the PTO at the moment of the unloading.

The opening of the hatch is operated by 2 hydraulic cylinders single-acting while closing is assured by 2 mechanical hooks.

The level of the pressure reached from the bale is shown by a visual indicator.





TECHNICAL DATA EASY MAX Tronic

MODEL	EASY MAX 1200	EASY MAX 1500
DIMENSIONS		
Length (cm)	360	380
Width (cm)	225	225
Height (cm)	200	220
BALES DIMENSIONS		
Diameter (cm)	120	150
Width (cm)	120	120
PICK-UP		
Pick-up standard width (cm) / N. of gauge wheel	160 / 1	160 / 1
Gauge rubber wheel	13x5.00-6	13x5.00-6
Pick-up with two side screws (cm) - (option) / N. of gauge wheel	190 / 2	190 / 2
Nr. of teeth per line (Pick-up 1,6 mt. / Pick-up 1,9 mt.)	21 / 25	21 / 25
Distance between the teeth	70 mm	70 mm
Lifting	Hydraulic single-acting	
Nr. of tine bars	4	4
Transmission	Chain with security bolt	
PRESSING CHAMBER		
Nr. of rolls	5	6
Nr. of crossbars on the chain	17	21
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BINDING SYSTEM		
Net binding	Standard	
Direct insert in the pressing chamber	Yes	Yes
Start of binding	Automatic - Manual	
TIRES		
Standard	10.0/75-15,3	10.0/75-15,3
Optional	13.0/55-16	13.0/55-16
FEATURES		
PTO (turns/min.)	540	540
Power required	60 Hp (45Kw)	68 Hp (50 Kw)
Tare	1900	2100
UNIT CONTROL DEVICE		
Bales counter	√	√
Horn for end bale detection	√	√
Automatic or manual starting of the binding	√	√
AND MORE		
Lights	√	√
Bale expeller	√	√
Gauge rubber wheel	√	√
Cardan shaft with security bolt	√	√
Wide angle cardan shaft with secutiyl bolt	.	.
Thicker crossbars on pressure chain (25 on SP1200 and 31 on SP1500)	.	.
Double spring binding	.	.
Automatic lubrication of chains	.	.
Tires 11.5/80-15.3	.	.
Tires 13.0/55-16	.	.
Hydraulic brakes	.	.

√ Standard • Optional



MASTER-PLUS Tronic

*High efficiency
and great
performance*

*Excellent
treatment
of fodders*

The rotated feeder with 2 forks upper the pick-up allows the harvest of all type of product.

An alternative feeder positionnated on the lower part assure a uniform feeding of the pressing chamber.

The net binder with direct introduction in the chamber, between rolls and crossbars, allows to works in all conditions (Independently of the inclination and the strength of the wind).

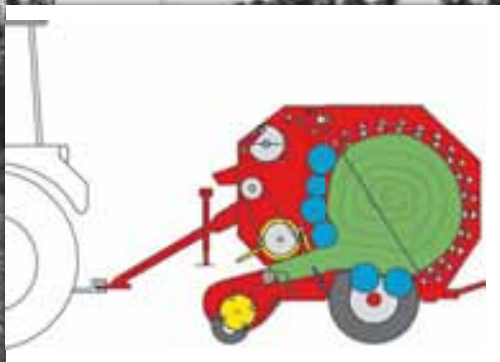
This type of binder inserts the net on the whole width of the bale.



The pick-up of 1,9 mt width with 2 sides screws.

The upper rotated feeder (with 2 forks) allows to introduce in the pressing chamber all type of products without cloggings.





Hydraulic lifting of the pick-up.
2 gauge rubber wheels for a better adaptation to the ground.

Hydraulic connection to the tractor:

- 1 single-acting connection for raising of the pick-up.
- 1 single acting connection for opening and closing of the hatch.

The rolls-chains system does not require the disengagement of the PTO during the unloading of the bale.

The two lower rollers misaligned between them allows the unloading of the bales.

In the harvesting of the maïs stalks it's possible to see the great performances of the machine.





Automatic lubrication of chains.



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On board control unit:

- Bale counter total and partial
- End bale detection with horn
- Automatic or manual starting of the binding.

The level of the pressure reached from the bale is shown by a visual indicator.

A horn warns that the bale is ready for the binding.

An electro-magnet allows the starting of the binding.

Mechanical locking on the rear hatch.





TECHNICAL DATA MASTER PLUS Tronic

MODEL	MASTER PLUS 1200	MASTER PLUS 1500	MASTER PLUS 1650
DIMENSIONS			
Length (cm)	375	385	410
Width (cm)	245	245	245
Height (cm)	215	234	255
BALES DIMENSIONS			
Diameter (cm)	120	150	165
Width (cm)	120	120	120
PICK-UP			
Width (cm)	220	220	220
Gauge rubber Wheel	13x5.00-6	13x5.00-6	13x5.00-6
Nr. of teeth	28	28	28
Distance between the teeth	70 mm	70 mm	70 mm
Lifting		Hydraulic single-acting	
Nr. of tine bars	4	4	4
Transmission		Chain with security bolt	
Pick-up 2,2 mt with two gauge rubber wheels	Yes	Yes	Yes
PRESSING CHAMBER			
Nr. of rolls	5	6	6
Nr. of bars	25	31	34
Mechanical closing of the hatch	Yes	Yes	Yes
BINDING SYSTEM			
Net binding		Standard	
Direct insert in the pressing chamber	Yes	Yes	Yes
Start binding		Automatic - manual	
TIRES			
Standard	15.0/55-17	15.0/55-17	15.0/55-17
Optional	19.0/45-17	19.0/45-17	19.0/45-17
FEATURES			
PTO (turns/min.)	540	540	540
Power required	68 Hp (50Kw)	75 Hp (56 Kw)	80 Hp (60 Kw)
Tare	2760	2910	2990
UNIT CONTROL DEVICE			
Bales counter	√	√	√
Horn for end bale detection	√	√	√
Automatic or manual starting of the binding	√	√	√
AND MORE			
Bale expeller			
Turning eye on drawbar	√	√	√
Wide angle cardan shaft	√	√	√
Lights	√	√	√
Pick-up's plate for short products	.	.	.
Hydraulic brakes	.	.	.
Automanic lubrication of chains	.	.	.

√ Standard . Optional



TOP-CUT Tronic

*Powerful
cutting and
strong pressing*

The Top Cut Series is a round baler with fixed chamber with dimensions 120x120 and 120x150.

The machine is standard equipped with:

- Pick-up 1,9 mt. with 2 sides screws
- Feeding rotor with helical spires
- 14 knives
- Net binding system
- On board unit control
- Bales expeller
- Cardan shaft

A horn indicates that the bale is ready for binding. The pick-up 1,9 mt width with 2 sides screws has a hydraulic lifting.

Hydraulic connection to the tractor:

- 1 single-acting connection for raising of the pick-up.
- 1 single-acting connection for opening and closing of the hatch.
- 1 double-acting connection for insert of the knives (Top Cut system).

The feeding rotor with spires is standard fitted with 14 knives. The knives can be hydraulically engaged.

Each knife is equipped with a security by spring. The knives fitted on one single axle grants a better quality of cutting.





The two side covers provide easy access for maintenance.

Automatic lubrication of chains with adjustable dispensing of oil.

Pressing chamber rolls+chains with crossbars.
25 blocked crossbars for version SP 1200 and 31 blocked crossbars for version SP 1500 allows better formation of the bale.





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The level of the pressure reached from the bale is shown by a visual indicator.

An electro-magnet allows the starting of binding.

The net binder with direct introduction in the chamber, between rolls and crossbars, allows to work in all conditions (independently of the inclination and the strength of the wind). This type of binder inserts the net on the whole width of the bale.

On board control unit:

- Bale counter total and partial.
- End of bale detection with horn.
- Automatic or manual starting of the binding.

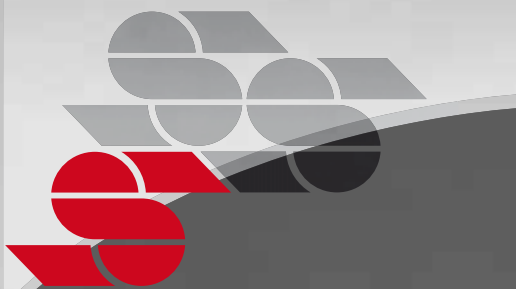




TECHNICAL DATA TOP CUT Tronic

		
MODEL	TOP CUT 1200	TOP CUT 1500
DIMENSIONS		
Length (cm)	360	380
Width (cm)	245	245
Height (cm)	210	230
BALES DIMENSIONS		
Diameter (cm)	120	150
Width (cm)	120	120
PICK-UP		
Width (cm)	190	190
Gauge rubber Wheel	13x5.00-6	13x5.00-6
Nr. of teeth	25	25
Distance between the teeth	70 mm	70 mm
Lifting	Hydraulic single-acting	
Nr. of tine bars	4	4
Transmission	Chain with security bolt	
Pick-up 1,9 mt. with two gauge rubber wheels	Yes	Yes
PRESSING CHAMBER		
Nr. of rolls	6	7
Nr. of bars	25	31
Mechanical closing of the hatch	Yes	Yes
BINDING SISTEM		
Net binding	Standard	
Direct insert in the pressing chamber	Yes	Yes
Start of binding	Automatic - manual	
TIRES		
Standard	15.0/55-17	15.0/55-17
Optional	19.0/45-17	19.0/45-17
FEATURES		
PTO (turns/min.)	540	540
Power required	68 Hp (50 Kw)	80 Hp (60 Kw)
Tare	2740	2980
UNIT CONTROL DEVICE		
Bales counter	√	√
Horn for end bale detection	√	√
Automatic or manual starting of the binding	√	√
AND MORE		
Lights	√	√
Wide angle cardan shaft	√	√
Turning eye on drawbar	√	√
Hydraulic brakes	·	·
Automatic lubrication of chains	·	·

√ Standard · Optional



R 170

*The innovation.
One single
rubber belt.*

**The utility of a variable
chamber**

- Ease of use and maintenance
- Rubber belt ring (without junction)
- Great performances in all products
- More compact bales
- Uniformity of wrapping of the products
- Easy unrolling of the bale
- Less space of storage



Pick-up 2,2 mt with 2 sides screws and 2 gauge rubber wheels.

The rotor with spires allows introduction of all type of products.





Hydraulic cylinder for the engagement and disengagement of the knives.



The rotor with spires is equipped with 13 knives that can be engaged hydraulically. Security on the knives is granted by springs.

The standard mobile plate "Non-Stop" (against entrapment) with 2 springs. Two hydraulic cylinders are option.



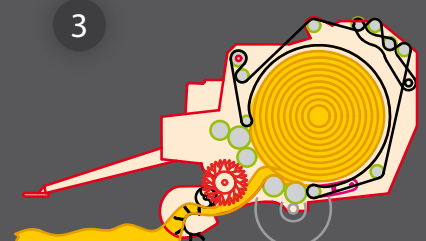
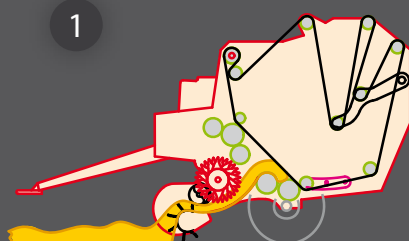


Adjustable diameter of the bale from 90 till 170 cm.



The springs on the tension arm maintains the pressure until the required diameter.
During the formation of the bale the 2 hydraulic cylinders allows a uniform pressure for any diameter.

An electro-magnet allows to start a cycle of binding.





On board unit control Tele RF:

- Setting of the bale diameter
- Starting of the automatic or manual net binding
- End of bale detection
- Setting of pressure
- Bale counter partial and total
- Commands for knives

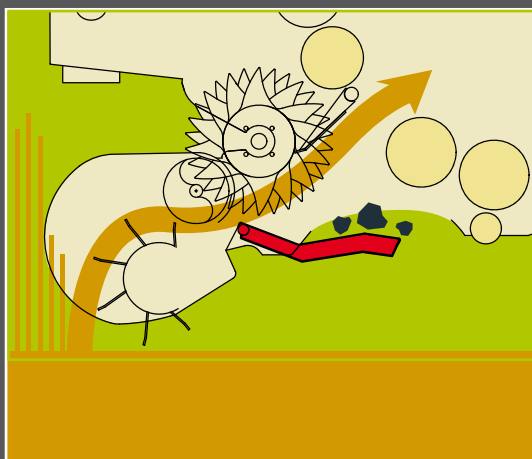
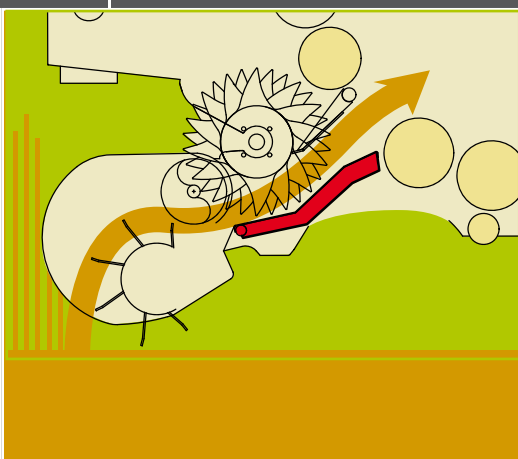


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The standard mobile plate "Non-Stop"
(to avoid flooding) with 2 springs.

Two hydraulic cylinders (option).

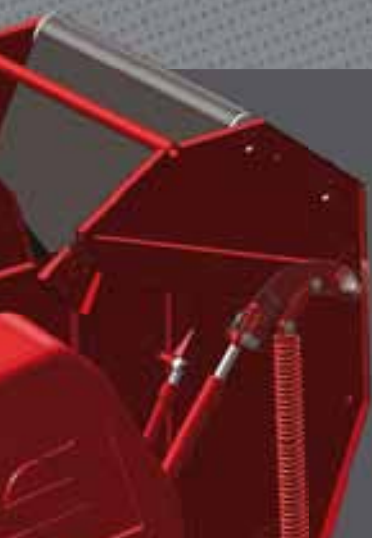
Two sensors installed on the articulation of two pulleys situated on the sides of the rubber belt indicate the uniformity of the load of the product in the pressing chamber.





4 positions of the pin to obtain a core of the bale with more or less density.

The first position coincide with the higher density and the fourth to the most tender.





Warning light for closing of the rear hatch.
The manometer show the pressure in the hydraulic circuit.
This can be arranged from the on board control unit in the cab of the tractor.

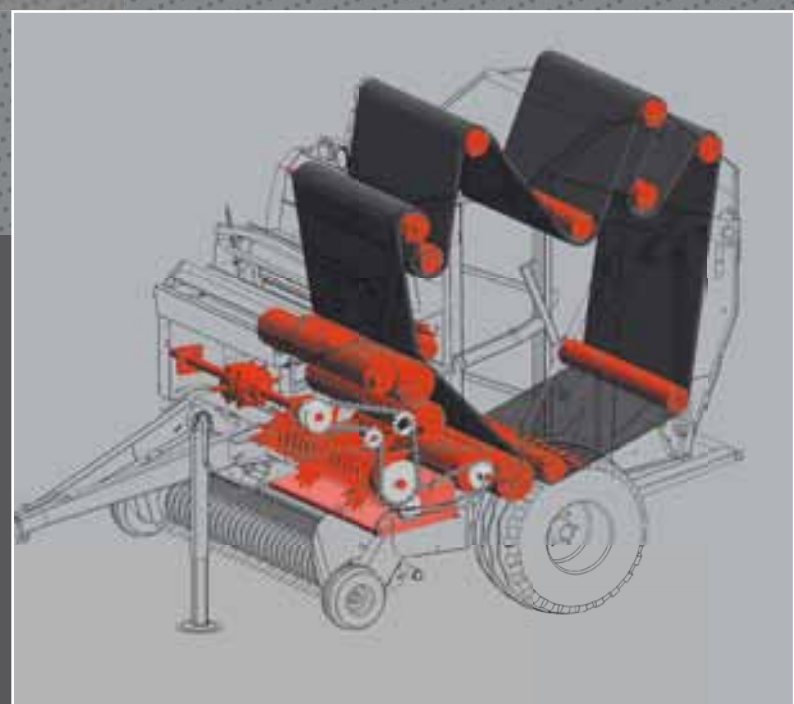
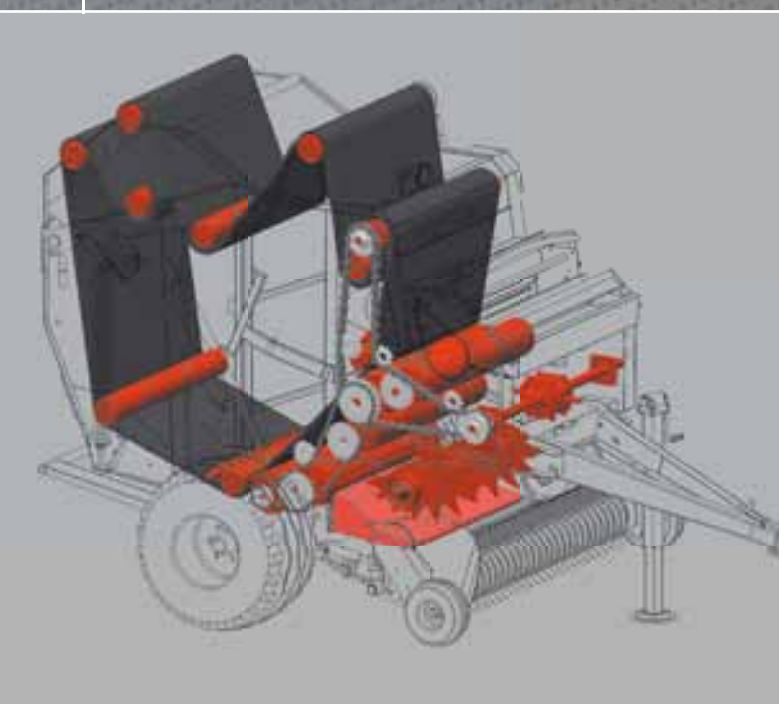
Support with casters to keep the belt in the right position.

Screws for cleaning of the rolls inside the pressing chamber.





Central gear-box with two exits, on the right side the transmission to the pressing chamber and on the left side the transmission to the rotor. Security with bolt on both exits.





TECHNICAL DATA R170

MODEL	R170	R170 TC
DIMENSIONS		
Length (cm)	440	440
Width (cm)	255	255
Height (cm)	275	275
BALES DIMENSIONS		
Diameter (cm)	from 90 until 170	from 90 until 170
Width (cm)	123	123
PICK-UP		
Width (cm)	220	220
Gauge rubber Wheel	13x5.00-6	13x5.00-6
Nr. of teeth	28	28
Distance between the teeth	70 mm	70 mm
Lifting	Hydraulic single-acting	
Nr. of tine bars	4	4
Transmission	Chain with security bolt	
Pick-up 2,2 mt with two gauge rubber wheels	Yes	Yes
FEEDING SYSTEM		
Rotor with spires	Yes	No
Rotor with spires and integrated cutting system	No	Yes
Mobile plate "Non-Stop", security with springs	Yes	Yes
PRESSING CHAMBER		
Nr. of rolls	4	4
Rubber belt without junction	1	1
Mechanical closing of the hatch	Yes	Yes
BINDING SISTEM		
Net binding	Standard	
Direct insert in the pressing chamber	Yes	Yes
Start of binding	Automatic - manual	
TIRES		
Standard	500/50-17	500/50-17
Optional	500/45-22,5	500/45-22,5
FEATURES		
PTO (turns/min.)	540	540
Power required	90 Hp (68 Kw)	110 Hp (80 Kw)
Tare (Kg)	3400	3500
AND MORE		
Lights	√	√
Wide angle cardan shaft	√	√
Two gauge rubber wheels on the pick-up	√	√
Turning eye on drawbar	√	√
Bale expeller	√	√
Hydraulic brakes	•	•
Automatic lubrication for chains	•	•
Hydraulic mobile plate	•	•

√ Standard • Optional



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