

**MASCHIO**



**ROUND BALERS  
RANGE**

# ***HAYMAKING***

## ***Production plant***

### ***Cremona - Italy***

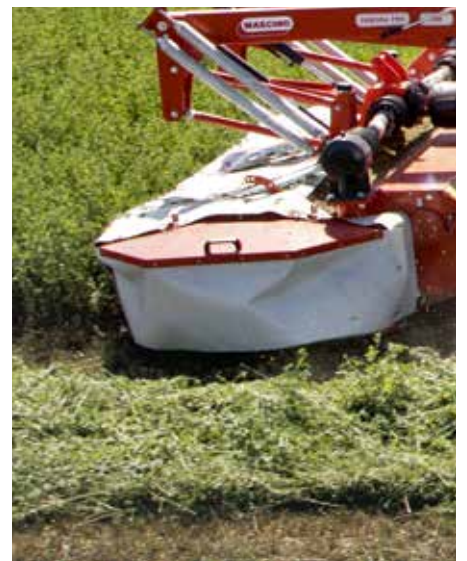
Total surface area: 40.000 m<sup>2</sup>  
Covered area: 15.000 m<sup>2</sup>

MASCHIO Fienagione S.p.A. offers a full range of haymaking and harvesting attachments. These machines are internationally recognized for reliability and performance in all working conditions.

The range is divided into three product families:

- Cutting: double blade, drum, disc, side, front, trailed and combined mowers
- Harvesting: fixed or variable chamber and variable geometry round balers; square balers and shredding attachments
- Conditioning: hay tedders, rakes and swathers





# ***Fixed chamber balers***



## ***MONDIALE 120 PRO***

### **OPENABLE BASE**

Operated by the operator without having to descend from the tractor, promoting a rapid return to work. Expanding the feed channel and allowing the excess product flow, work can be normally resumed after a blockage.

### **HIGH EFFICIENCY PICK-UP**

A special product conveying plate with a compression roller, maximizes the effectiveness with minimal blockage. Hydraulic floatation with chain travel stop and cam sliding bearing with double ball race.



# Created for heavy duty work

Case hardened steel gears

Heavy duty double  
swivel-joint roller-bearing

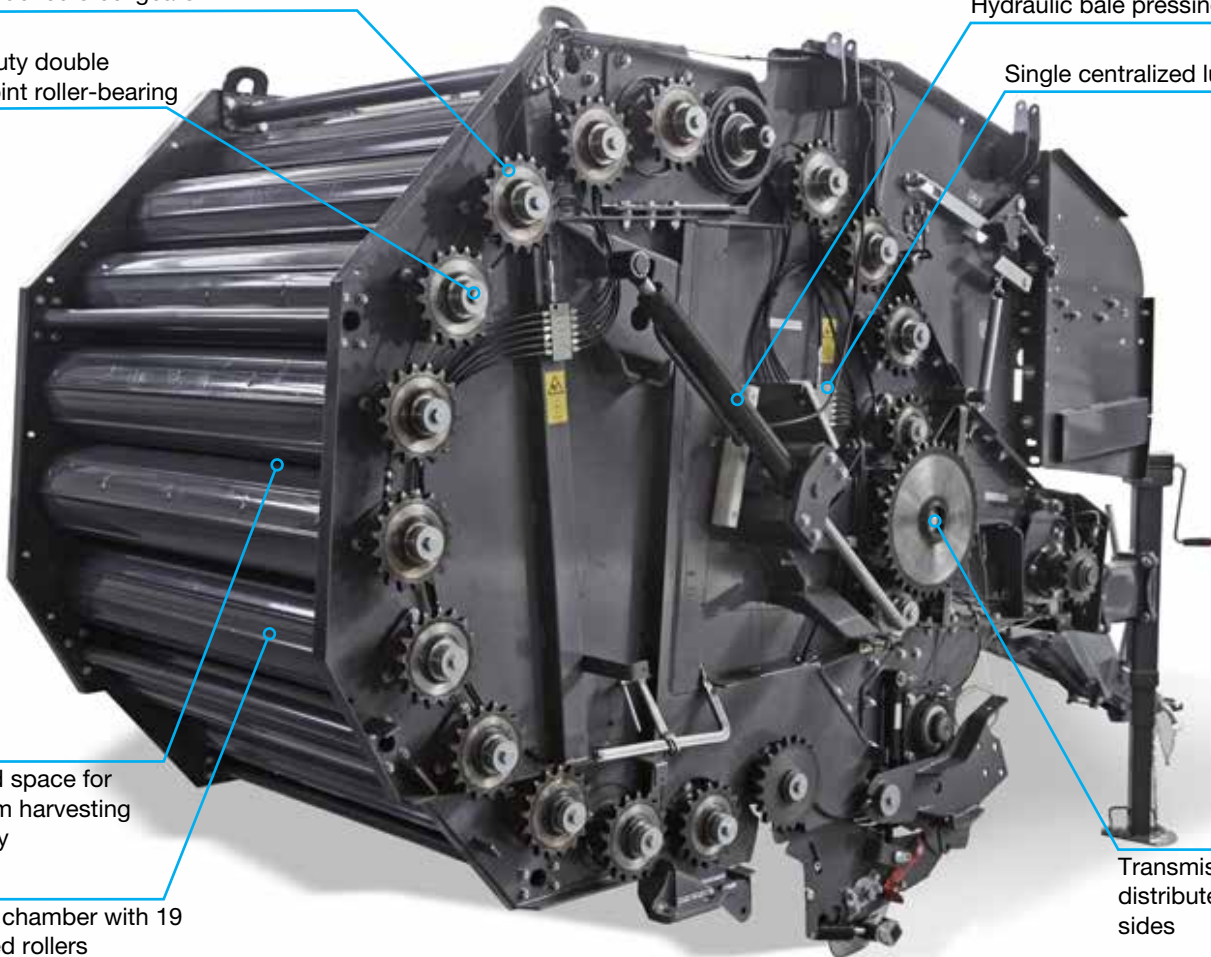
Hydraulic bale pressing

Single centralized lubricator

Reduced space for  
maximum harvesting  
efficiency

Forming chamber with 19  
reinforced rollers

Transmission  
distributed on both  
sides



## ROBUSTNESS

The forming chamber in the Mondiale and Trotter models comprises 17 reinforced rollers for the 110 CUT and 19 for the 120 PRO, allowing the formation of 1000x1100 mm diameter bales for 110 CUT (1220 x 1250 mm for 120 PRO). Each roller features a particular profile to ensure the best traction in any condition and with any product, including prunings.



Model		ENTRY	MONDIALE 110	MONDIALE 120 PRO
Bale diameter	mm	1200-1500	1100	1200
Pick up	cm	150 (200 opt)	150	220
Knives	No.	-	10	25
Binding		Twine/net	Mesh	net/film
PTO	rpm	540	540	540
Weight	Kg	1900-2200	2250	3500-4000
Power requirement	HP	40-70	70-110	100-150

# Variable chamber balers



**EXTREME 265 LTI**

## **PRESSING METHODS**

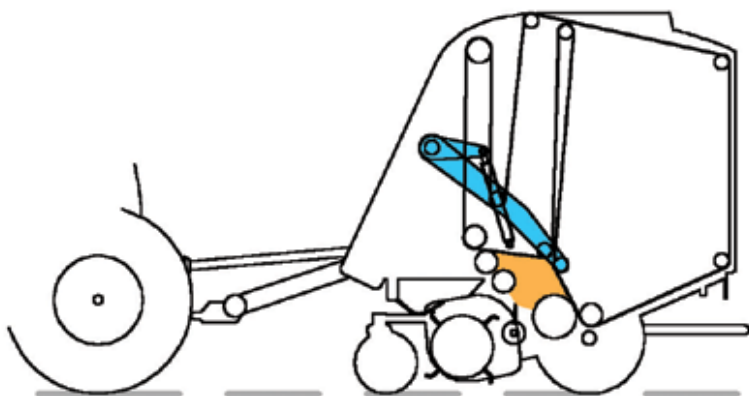
Extreme 265 LTI exerts a constant pressure from the core to the surface: the value can be easily set by the control unit in the tractor cab.

The bale obtained in this way is noted for its "soft core" with selectable diameters from 0 to 120 cm.

## **FOR YOUR EVERY NEED**

Thanks to the equaliser system it is possible to set the final size of the bale starting from a diameter of 50 cm up to 165 cm.

The system can be controlled by an electronic control unit and allows to set the desired size from the cab.



↑  
Ø FROM 50 cm TO 165 cm  
↑

# Extreme adaptability



## **EXTREME 265 LTI**

Variable chamber round baler to form bales from 50 to 165 cm in diameter, through an equaliser directly adjustable from the in-cab monitor.

The robust structure and belt chamber allow the collection of both green and dry products. The pressure of the soft core that can be set from the monitor (0 to 120 cm) allows to obtain bales of the desired weight and consistency. The extensive pick-up quickly and carefully collects the product even in more voluminous swaths, allowing to maintain a constant working speed.



Model		EXTREME LTC-LTI-LTR
Bale diameter	mm	500-1650
Pick up	cm	200(220 opt)
Knives	No.	13 (vers. LTC)
Binding	type	twine-net
PTO	rpm	540
Weight	Kg	2600-3000
Power requirement	HP	90-150

# Variable geometry: how it works?



## MADE IN MASCHIO FIENAGIONE

Maximum professionalism thanks to the variable geometry technology, which allows to change the pressure of the bale based on the product and level of humidity. A system with 2 equalisers allows to automatically vary the pressure during bale formation based on the size increase. During the harvest of noble products, the pressure of the forming chamber can be set to zero allowing the product to enter in bulk, with the classic star formation.

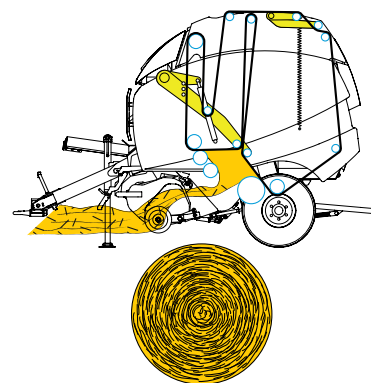
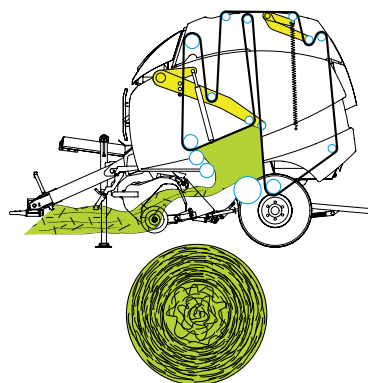
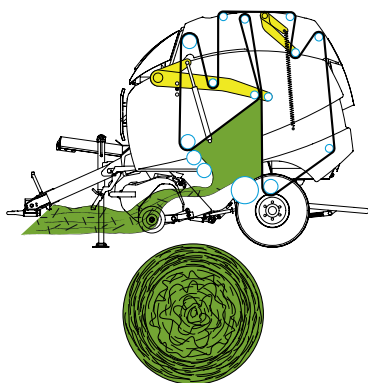
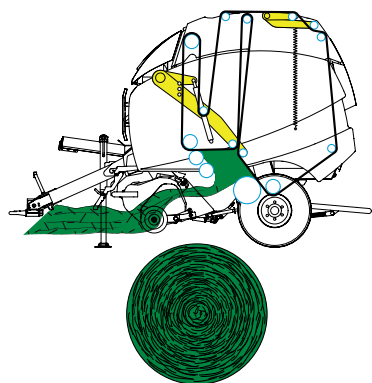


60% - 40%

25% - 20%

20% - 15%

15% - 10%

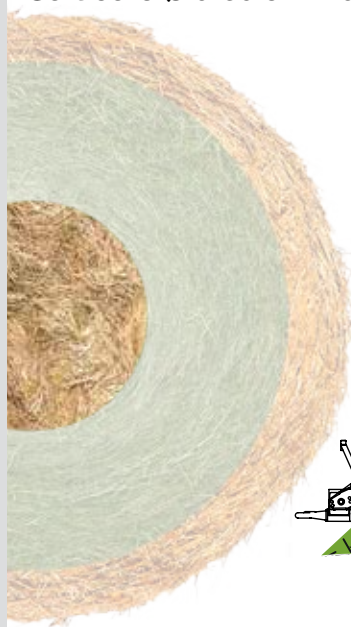


# We care about your product

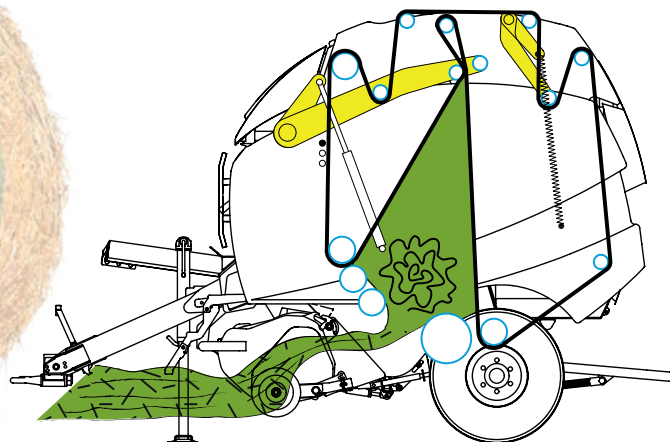
## SOFT CORE

Thanks to the patented double equaliser system, it is possible to set the formation of the soft core, i.e. zero pressure on the product (0 bar), for a reduced accumulation with the creation of the classic star formation, up to a diameter of 90 cm (version 365). Ideal for the harvest of more delicate noble products, which require more attention in the processing stages.

**Soft core Ø 0-90 cm = 0 Bar**



**FIXED PRE-CHAMBER UP TO 90 CM  
TRUE STAR**



## BETTER TO PRESS OR BETTER TO DRY? THE CHOICE IS YOURS!

The ICON control unit allows up to 5 dedicated programs, modifiable by the operator, which allow to vary the pressure exerted during the formation of the bale. This is a very important tool in the farmer's hands, that by considering the moisture content of the product and the subsequent type of storage, can choose the optimum program.



**Up to 5 dedicated programs**



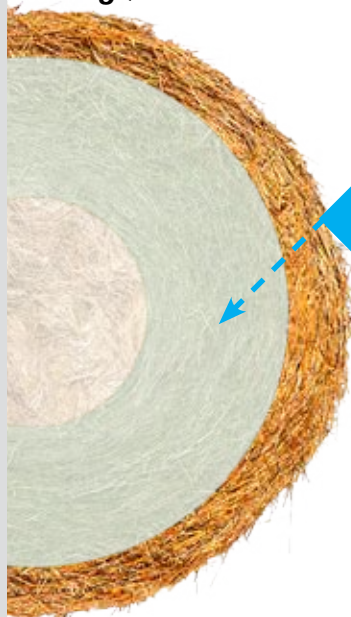
**MAXIMUM CARE OF NOBLE PRODUCTS**



## HYDRAULIC BALING

The variable geometry system allows to vary the pressure exerted during the formation of the bale. Thanks to the endless belts and a maximum pressure of 210 bar (version 365) heavy weight bales can be made even with very dry products.

**Baling Ø 50-165 cm = 60-210 Bar**



### HARD EXTERIOR

**Preset exterior at 210 bar**

- Reduced air penetration
- Longer storage time
- Better product health
- Increased palatability of the forage
- Optimal solidity of the bale
- Functional with both dry and wet product
- Setting available for any bale diameter

**O<sub>2</sub> H<sub>2</sub>O**

# Chamber and variable geometry



**365 HTC**

## FEED SYSTEM

### *HT-HTI: Reciprocating packer*



Ideal for chopped straw, short and dry, or to gather without damaging delicate, short and brittle fodder.

### *HTR: rotary feeder*



Characterized by high rotating capacity, the rotor feeds the chamber continuously and quickly, allowing to maintain high feed rates even with large amounts of hay or straw. The rotor, fitted with spikes arranged with a double spiral, evenly distributes the product in the chamber.

### *HTC: rotary feeder with 13 knives*



The knives give the harvested forage a length of 77 mm.

### *HTU: rotary feeder with 25 knives*



The high number of knives allows the hay to be cut to a length of 45 mm.

# Unmatched versatility



## EXTREME 365

High performance and maximum attention in the pick-up of the product. These are the strong points of the Extreme 365, which thanks to the generous 2200 mm pick-up, the choice of rotors and the "Endless" belts ensures high performance. The twin boom system, for the management of the chamber and variable geometry, allows the collection of the product depends on the moisture, for optimum product storage.



EXTREME SERIES 3			
Model		365 HTI-HTR	365 HTC-HTU
Bale diameter	mm	500-1650	500-1650
Pick up	cm	220	220
Knives	No.	packer (HTI) rotor (HTR)	13 (HTC) 25 (HTU)
Binding		Mesh	Mesh
PTO	rpm	540	540
Weight	Kg	HT 3000 HTR 3200	HTC 3300 HTU 3400
Power requirement	HP	100-180	100-180



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