

# FERABOLI

# FIXED CHAMBER BALERS



## ENTRY, TROTTER AND MONDIALE SERIES

*Fixed chamber balers with chains or rollers*

# ENTRY, TROTTER AND MONDIALE

## BALING MADE QUICK AND EASY

### FERABOLI ROUND BALERS

Feraboli made its balers with 2 ideas nailed in the head: flexibility and reliability.

To do so, we created the **FIX CHAMBER SERIES** series with an unique, reliable design with no superfluous components to produce the best bales possible. With 7 models, matching the job to the right baler is easy. From 3½' X 3' up to 4' X 5', tight, dense, perfectly shaped bales are produced in every size and crop condition. Our 59", 79" and 87" pickup systems and cutter rotors ensure smooth uniform crop flow into the chamber. To compress the any crop into bales with a consistent size and density, we equipped the bale chamber with heavy-duty endless chains ore reinforced rollers with sealed bearings.



Visit our website



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# ENTRY 120-150

## AFFORDABLE, SIMPLE... STURDY

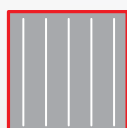
**ENTRY 120 and 150** are affordable, simple, sturdy full chain balers. They're ideal for small farmers who cut their own forage or as a back-up machine for larger operations. Complete with twine and net wrap binding systems there's a choice of either 4 (ENTRY 120) or 5 (ENTRY 150) diameter bales with a standard 60 in. pick-up or optional 79 in. pick-up for heavier windrows.



STRAW



SILAGE



WIRE



NET



FEEDER ROTOR



## EASY MAINTENANCE



The ENTRY series is equipped with few greasing points, easily accessible. The automatic chain lubrication system (option) features a high-capacity tank, providing longer autonomy, chain longevity and operator comfort. The pump delivers oil to the main chains every time the tailgate is closed or open. The volume of oil can be adjusted according to operator needs.



## BALE CHAMBER

The bale chamber is made of rolls that produces bales **4-ft wide by a 4-ft (Entry 120) or 5-ft (Entry 150) diameter**. Forty one slats (1½ in. diameter) firmly grab straw or hay to provide continuous bale rotation. Chain-drive, two-ribbed bottom rolls grip the bale to fill the chamber and to begin the baling process effectively.



### Conveyor clutch increases baler lifetime

The conveyor stops during the bale unloading process to avoid any damage. A mechanically-driven clutch stops the conveyor when the tailgate opens. Thanks to this system the conveyor chain stress is reduced and the baler noise is decreased.





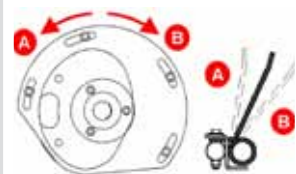
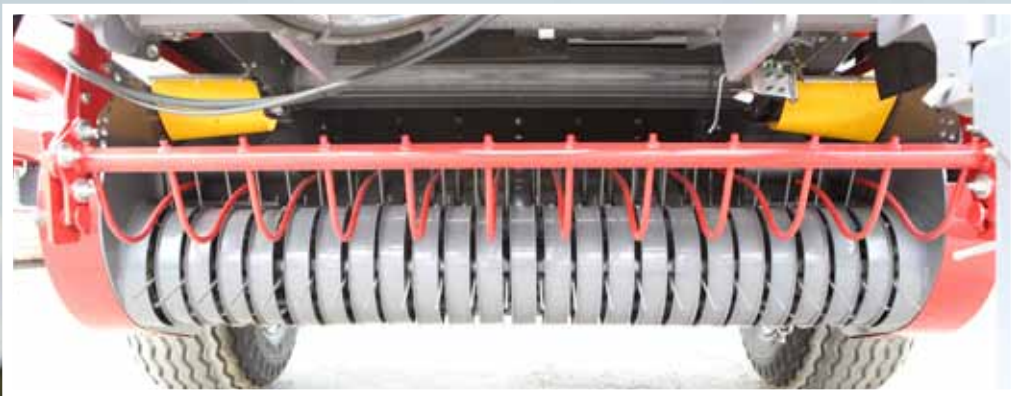
# ENTRY 120-150

## SMOOTH AND CONSTANT FEEDING

### ENTRY series can have two different pickups:

- A 60 in. wide without converging augers, designed for small windrows.
- A 79 in. wide developed to fit larger farm needs. The two converging augers feed the bale chamber and provide smooth product flow.

ENTRY series pickups are hydraulically raised from the cab as standard equipment and equipped with galvanized strippers for extended lifespan and four tine bars for high-capacity picking.



### Adjustable cam track design offers great versatility

The ENTRY Series offers even more versatility due to the adjustable tine position.

The operator can turn the pickup cam to improve feeding efficiency for straw or wet crops:

- By moving the tines closer to the rotor the fork feeding is improved in dry conditions.
- By moving the tines away from the rotor, the pickup capacity is increased in wet or sticky conditions: no clogging issues!



## High-capacity feeding system

An alternative feeding system with 16 tines have 2¾ in. spacing offers large capacity, especially with dry crops such as straw or hay. The large clearance between the pickup and chamber preserves crop structure (i.e., highly-nutritive leaves) and improves hay and straw quality, limiting clogging.



## Feeding system safety

Two safety features prevent damage to the baler due to feeding system overload:

- **Pickup safety shear bolt** only stops the pickup rotation while rotor feeder and chamber are still powered; this safety is activated in case of pickup overload.
- **Rotor feeder safety shear bolt** clutches the feeder and pickup, only allowing the bale chamber to move. This safety is activated in case of overload on the feeder or when the operator is still feeding the chamber after the maximum density has been reached. Simplicity! fork feeder and pickup use the same shear bolt references.





# ENTRY 120-150

## NON STOP BALING

### Twice as good

The ENTRY Series is equipped as **standard with the twine-tying system**. This system uses a gliding cart that feeds the twine in to the chamber. The double feeder allows two twines to be wrapped simultaneously. Compared to a single-twine feeding system, the wrap time is reduced. A knob located on the side of the baler allows the adjustment of twine coils.



### Net-wrapping option

As option ENTRY can be equipped with a **net-wrapping system, in addition to the twine tying**. It is electrically piloted and the net turns can be easily adjusted from the side of the baler.





## MONITORING SYSTEM

**Simple and easy controller** gives all the key functions to bale fast. A stop alarm teamed with an audible signal indicates that that chamber is filled and that target density has been reached.





# ENTRY 120-150

## DETAILS



**BALE EJECTOR**



**SIMPLE AND ACCURATE  
BALE DENSITY ADJUSTMENT**



**AUTOMATIC TENSIONING SYSTEM**





## SPECIFICATIONS

CHAMBER	ENTRY 120	ENTRY 150
Diameter (ft)	4	5
Width (ft)	4	
MACHINE DIMENSIONS		
Length (ft)	11 ½	12 ½
Width (ft)	8	
Height (ft)	6 ½	7 ½
Weight (lbs)	4718	5400
TRACTOR		
PTO	540 min <sup>-1</sup> - 40 hp	540 min <sup>-1</sup> - 50 hp
Hydraulic system	1 double acting socket, 1 single acting socket.	
Electric system	1 7-pole socket 12V	
PICK-UP		
Total harvesting width (in)	59 (79 OPTIONAL)	
Tooth pitch (in)	2 ¾	
PACKER		
Type	Alternative comb packer feeder with 16 teeth	
PRESSING		
Type	Hydraulic	
N° chain shafts	33	41
Torque limiter	Bolt	
BINDERS		
Twine	With settings from the cab	
Net	With settings from the cab	
CONTROLS		
Binders	Electric	
Door	Hydraulic	
Pick-up	Hydraulic	
TYRES		
Size	11.5/80 - 15.3	





# TROTTER AND MONDIALE SERIES

## FIXED CHAMBER WITH ROLLERS

From the entry level **TROTTER** series balers right up to the high performance **MONDIALE** models, there is a Feraboli fixed chamber baler with rollers to suit every budget and every farming operation. Each with a choice of different pick up widths, capacities and monitoring and control systems. All built to the same, uncompromising Feraboli standards.







# TROTTER 125-125 CUT-125 ULTRACUT

## BALE STRAW, HAY, SILAGE WITH CONFIDENCE

Offering true multi-crop baling the **TROTTER** is a reliable, easy to use and maintain baler. It produces balers **4-ft tall and 4-ft wide**. TROTTER series features a 79 in. (87 in optional) pickup and many feeding systems (rotor or cutter). Its unique 18 steel rolls bale chamber moves through the thickest windrows with ease.



HAY GRASS



STRAW



CORN



SILAGE



TWINE



NET



FILM



FEEDER ROTOR



CUTTER ROTOR



ULTRACUTTER ROTOR



## WRAPPINGS



TWINE



NET



FILM



## BALE CHAMBER

To compress the crop into bales with a consistent size and density, the baling process has to be as effective as possible while being gentle on the crop. The **18 heavy-duty rollers equipped with a unique ribbed profile** provide optimal traction and compression. The rollers are formed from high-grade tubular steel and heavy-duty bearings mounted on cast iron housing and firmly bolted outside the bale chamber.

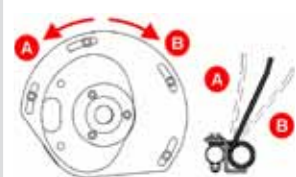




# TROTTER 125-125 CUT-125 ULTRACUT

## NOTHING LOST OR WASTED

TROTTER round balers offer high performance **79 in. or 87 in. (optional) wide pickups**, that feature closely spaced steel tines to make sure all of the crop is collected from the windrow. Both pickups are **hydraulically raised from the cab** as standard equipment and equipped with **galvanized strippers** for extended lifespan and four tine bars for high-capacity picking.



### Adjustable cam track design offers great versatility

The TROTTER Series offers even more versatility due to the adjustable tine position. The operator can turn the pickup cam to improve feeding efficiency for straw or wet crops:

- By moving the tines closer to the rotor the fork feeding is improved in dry conditions.
- By moving the tines away from the rotor, the pickup capacity is increased in wet or sticky conditions: no clogging issues!







# TROTTER 125-125 CUT-125 ULTRACUT

## POWERFUL ROTOR/CUTTER

### FEEDER ROTOR



**TROTTER 125** feeding system features with an alternative feeding system with **16 tines** have 2¾ in. spacing. The large clearance between the pickup and chamber preserves crop structure (i.e., highly-nutritive leaves) and improves hay and straw quality, limiting clogging.

### CUT



**TROTTER 125 CUT** model is equipped with **13 cutter knives** positioned in a double spiral near the rotor for superior cutting quality. Special knives can be added on the cutter in order to disengage the chopping system.

### ULTRACUT



When it comes to harvesting fine-chop silage, operator versatility and productivity – no other pickup can surpass the **ULTRACUT** (available with **TROTTER 125 ULTRACUT**). It features **25 knives** to produce short cuts that pay off quickly by higher bale densities, and enhanced silage quality.



### Feeding system safety

Two safety features prevent damage to the baler due to feeding system overload:

- Pickup safety shear bolt only stops the pickup rotation while rotor feeder and chamber are still powered.
- Rotor feeder safety shear bolt clutches the feeder and pickup, only allowing the bale chamber to move.



## SPECIFICATIONS

CHAMBER	TROTTER 125	TROTTER 125 TOPCUT	TROTTER 125 ULTRACUT
Type		Fixed with rollers	
Wrapping		18 rollers	
Compression	Mechanical with manual adjustment, 7 positions		
Dimensions (ft)	4 x 4		
PACKER			
Type	Alternative packer feeder	13 blades	25 blades
MACHINE DIMENSIONS			
Width (ft)	8	8	8
Length (ft)	12	13	13
Height (ft)	6 $\frac{3}{4}$	6 $\frac{3}{4}$	6 $\frac{3}{4}$
Weight (lbs)	5842	6378	7033
TRACTOR			
PTO	540 min <sup>-1</sup> - 52 hp	540 min <sup>-1</sup> - 65 hp	540 min <sup>-1</sup> - 72 hp
Hydraulic system	1 double acting socket, 1 single acting socket.		
Electric system	1 7-pole socket 12V		
STANDARD EQUIPMENT			
Pick-up total width (in)	79 (87 optional)		
Lift	Hydraulic		
"FERABOLI CUT SYSTEM"			
Blades (n°)	-	13	25
Cutting length (in)	-	3	1 $\frac{3}{4}$
"EASYTRONIC" control unit	Multi-purpose electronics		
Binding	Twine, net		
Tyres	11,5-15		
Torque limiter	Bolt		





# MONDIALE 110 CUT-120 PRO

The **MONDIALE** series fixed chamber baler is a heavy-duty machine delivering high density bales for operators who want to capture more crop in less time. The **net** or **plastic film** wrapping systems feature storage capacity for two rolls. The high rotor speed of the **62 in. or 87 in. pickups** ensures leafy, high quality forage, especially when baling short crops.



HAY GRASS



STRAW



CORN



SILAGE



NET



FILM  
(120 PRO)



CUTTER  
ROTOR



TOPCUTTER  
ROTOR



## WRAPPINGS



TWINE



FILM (120 PRO)

## BALE CHAMBER

**17 or 19 heavy-duty rollers** (on MONDIALE 110 CUT and 120 PRO respectively) produce bales **3-ft wide by a 3-ft tall (110 CUT) or 4-ft wide by a 4-ft (120 PRO) diameter**. The 1 ½ in. or 2 in. diameter tubular steels equipped with a special super grip profile provide optimal traction and compression. The combination between the double rail bearings and 1 ¼" drive chain gives you the maximum strength and ensures a long working life.



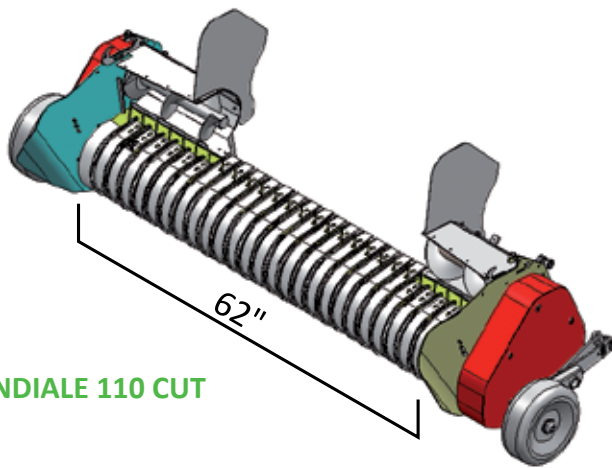


# MONDIALE 110 CUT-120 PRO

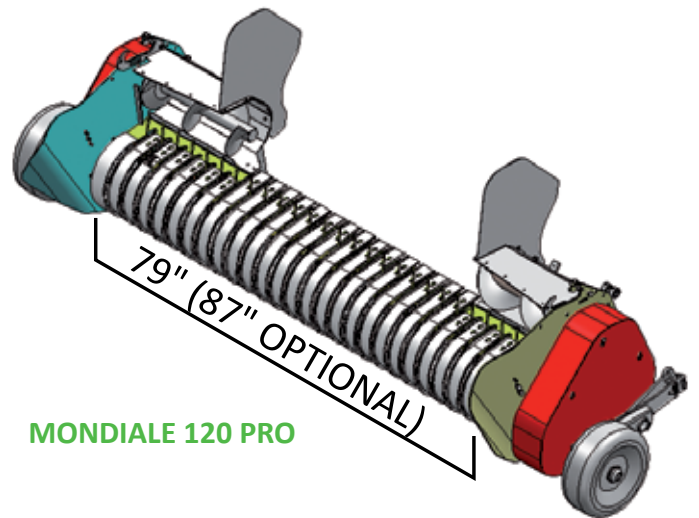
## SMOOTH AND CONSTANT FEEDING

You will prefer MONDIALE balers for many reasons: one of them is the pickup design.

- **Low-profile pickup drum.** The rotating fingers of its 62 in. or 79 in. (87 in. optional) fork feeder reach beneath the windrow to lift – not push – the crop into the chamber opening.
- Its **compact design and the adjustable tine position** avoid a 'dead-zone' of product flow between the tines and rotor.
- **Safety shear bolt** prevents damage to the baler due to feeding system overload.
- **Hydraulic floating system** with chain down-stop system ensures that fields are left clean and tidy.



MONDIALE 110 CUT



MONDIALE 120 PRO



TROTTER 125 CUT model is equipped with **13 cutter knives positioned in a double spiral** near the rotor for superior cutting quality. Special knives can be added on the cutter in order to disengage the chopping system.

## Cutting length easily adjusted

With the TOPCUT, **you have a choice of not chopping, or of having twelve, thirteen or twenty-five knives engaged.** This means a chopping length of 3 ½ in. when all knives are engaged, or 1 ¾ in. when using twelve knives. You can manage knives banks from monitor!

## Safety

**Each single knife is spring protected** against damage from foreign objects. If feeding system overload occurs, the rotor feeder safety shear bolt clutches the feeder and pickup.

## Sturdy drive line

The power is transmitted by **two heavy-duty 1¼" pitch drive chains** (on 120 PRO) in combination with large diameter sprocket wheels to minimize wear.



## Chopping improves your results

- **Higher density bales:** heavy bales are produced, leading to a reduction in handling, transport and twine/net-tying costs.
- **Improve feed intake:** Silage cut well will ferment much better due to the sugars in the crop being readily available. This results in tastier fodder, which has a positive effect on the roughage intake of animals.
- **Save time through easier distribution** at feeding time: prevent blockages on moving parts of diet feeders, forage boxes and straw choppers.





# MONDIALE 110 CUT-120 PRO

## NON STOP BALING

### Drop floor unplugging device

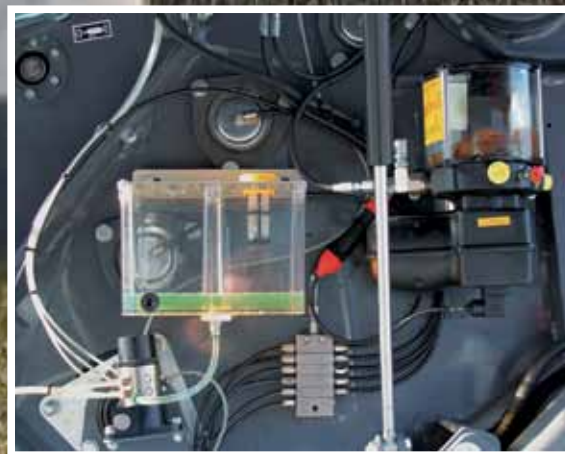
All MONDIALE series are equipped with a new 'drop floor' unplugging device. It's operated from the cab. It enables you to unplug crop without ejecting the bale or exiting the cab, saving you time and effort without sacrificing bale quality.



DROP DOOR IN WORKING POSITION



DROP DOOR OPEN



AUTOMATIC CHAIN LUBRIFICATION



LUBRIFICATION BANKS





## Less maintenance and servicing

The **automatic chain lubrication** system benefits from a large oil tank. All lubrication points are clustered in **easy-access lubrication banks**, making service and maintenance less time-consuming and more convenient.



# MONITORING SYSTEM

The **ICON monitor** allows the operator to have full and immediate access to all the functions of the round baler. You can manage:

- **pressing chamber**
- **bale density, diameters** and configurations
- **feeding and cutting** system
- **drop floor** opening and closing
- engaging and disengaging **cutter blades**
- **wrappings**
- type and settings; **count of bales** produced
- **automatic greasing and lubrication** systems
- **alarms**





## SPECIFICATIONS

CHAMBER	110 CUT	120 PRO
Diameter (ft)	3 ½	4
Width (ft)	3	4
<b>MACHINE DIMENSIONS</b>		
Length (ft)	11 ½	14 ¾
Width (ft)	7 ½	8
Height (ft)	7	8
Weight (lbs)	4982	7606
<b>TRACTOR</b>		
PTO	540 min <sup>-1</sup> - (50 Hp)	540 min <sup>-1</sup> - (90 Hp)
Hydraulic system	1 double acting socket, 1 single acting socket.	
Electric installation	1 socket 12V	
<b>PICK-UP</b>		
Harvesting width (in)	62	79
<b>PACKER</b>		
Type	Rotary	
Unblocking system	Drop floor	
<b>CUTTING UNIT</b>		
No. of blades	10	25 (in two batteries of 12 + 13)
Cutting length (in)	3	1 ¾
<b>DISTRIBUTION</b>		
Distributors	2 double acting	1 single acting - 1 double acting
<b>FORMING CHAMBER</b>		
Rollers	17	19
<b>PRESSING</b>		
Type	Hydraulic	
Density adjustment	Electronic	
<b>BINDERS</b>		
Type	Net	Net, film
<b>TYRES</b>		
Standard	11.5 - 15	400/60 - 15.5





# DUETTO SERIES

## WRAPPING BALER





Time plays a major role during the silage season – and time is money. Produce impeccably wrapped bales with one tractor, one operator, one baler and zero worries. All you need is the **DUETTO** wrapping baler. Its fixed and rugged chamber ensures outstanding bale density and shape. The combination of our proven wrapping system with the heavy-duty feeding system and bale chamber of the **DUETTO** will give you top quality silage.



# DUETTO 125-TOPCUT-ULTRACUT

Offering true multi-crop wrapping fixed baler the DUETTO is a reliable, easy to use and maintain baler. It produces balers 4 ft tall and 4-ft wide. DUETTO series features a 79 in. (87 in optional) pickup and many feeding systems (rotor or cutter). Its unique 18 steel roll bale chamber moves through the thickest windrows with ease.



HAY GRASS



STRAW



CORN



SILAGE



NET



FILM



FEEDER ROTOR



TOPCUTTER ROTOR



ULTRACUTTER ROTOR



## WRAPPINGS



NET



FILM



## ROLLER CHAMBER

To compress the crop into bales with a consistent size and density, the baling process has to be as effective as possible while being gentle on the crop. The **18 heavy-duty rollers equipped with a unique ribbed profile** provide optimal traction and compression. The rollers are formed from **high-grade tubular steel** and **heavy-duty bearings** mounted on **cast iron housing** and firmly bolted outside the bale chamber. Manual bale density control allow you to choose among seven different pressures.





# DUETTO 125-TOPCUT-ULTRACUT

## FEEDER ROTOR



**DUETTO 125** feeding system features with an alternative feeding system with **16 tines have 2¾ in. spacing**. The large clearance between the pickup and chamber preserves crop structure (i.e., highly-nutritive leaves) and improves hay and straw quality, limiting clogging.

## TOPCUT



**DUETTO TOPCUT** model is equipped with **13 cutter knives** positioned in a double spiral near the rotor for superior cutting quality. Special knives can be added on the cutter in order to disengage the chopping system.

## ULTRACUT



When it comes to harvesting fine-chop silage, operator versatility and productivity – no other pickup can surpass the **ULTRACUT** (available with **DUETTO ULTRACUT**). It features **25 knives** to produce short cuts that pay off quickly by higher bale densities, and enhanced silage quality.



## Monitoring system

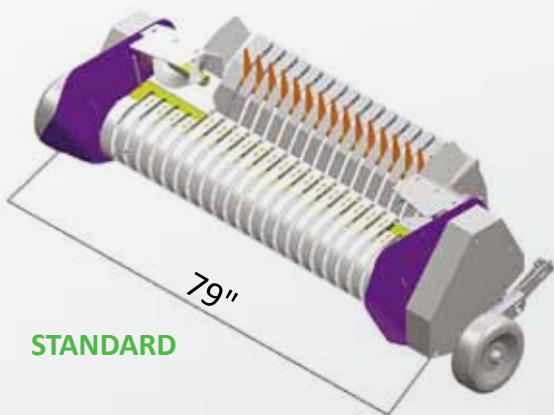
**DUETTO** series features a **simple and easy monitor to control all baler key functions** (baling control, bale density, wrappings, warning indicators).



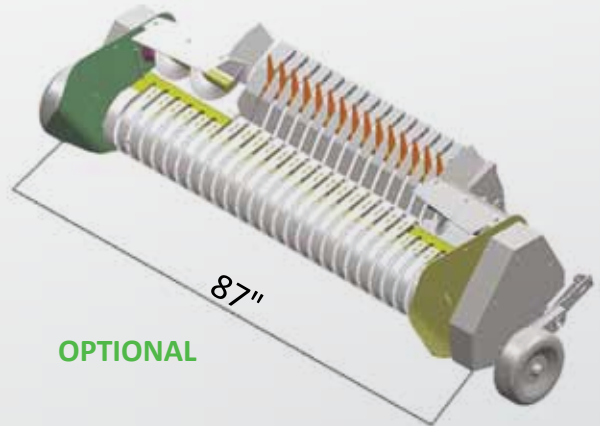
## WRAPPING SYSTEM



## PICK-UP



STANDARD



OPTIONAL

## OPTIONALS



FILM ROLL HOLDERS



WRAPPER STOP BUTTON



# DUETTO SERIES

## SPECIFICATIONS

CHAMBER	DUETTO 125	DUETTO 125 TOPCUT	DUETTO 125 ULTRACUT
Type		Fixed with rollers	
Wrapping		18 rollers	
Compression	Mechanical with manual adjustment, 7 positions		
Dimensions (ft)		4 x 4	
Weight (lbs)	7672	10979	11133
<b>DIMENSIONS</b>			
Width (ft)		9 ½	
Length (ft)		20 ½	
Height (ft)		8	
<b>TRACTOR</b>			
PTO	540 min <sup>-1</sup> - 90 hp	540 min <sup>-1</sup> - 102 hp	540 min <sup>-1</sup> - 110 hp
Hydraulic system	1 double acting socket, 1 single acting socket, 1 free return double acting socket		
Electric system	1 socket 12V		
<b>STANDARD EQUIPMENT</b>			
Pick-up total width (in)		79 (87 optional)	
Lift		Hydraulic	
<b>"FERABOLI CUT SYSTEM"</b>			
Blades (n°)	-	13	25
Cutting length (in)	-	3	1 ¾
"EASYTRONIC" control unit		Multi-purpose electronics	
Binding		Wire, net	
Tyres		400 - 15.5	
Torque limiter		Bolt	
<b>PLASTIC FILM WRAPPER</b>			
Incorporated with 3 roller platform to support bale			
2 winders for 500/750 film			
Automatic film cutter			
Mat to unload bale			









# FERABOLI



# FERABOLI

## the winning team



# GASPARDO UNIGREEN

**COMPANY WITH QUALITY MANAGEMENT  
SYSTEM CERTIFIED BY DNV  
= ISO 9001:2008 =**

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### *Worldwide branches*

**FERABOLI RUSSIA  
MASCHIO GASPARDO QINGDAO  
MASCHIO GASPARDO ROMANIA S.r.l.  
MASCHIO GASPARDO FRANCE SARL  
MASCHIO GASPARDO IBERICA S.L.  
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