



# FIXED CHAMBER BALER



## COLUMBIA EVO



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### THE COLUMBIA EVO SERIES

The Columbia Evo series round balers have fixed chambers with chains and crossbars to always guarantee perfect rotation of their contents. The closed chamber holds inside the whole product, foliage included. The user can choose, according to his needs, between three different pick-up widths. On the basis of the product to be collected and the working conditions (on the flat or sloping) the pick-ups can be coupled with two different feeding systems: alternative feeder or rotary feeder.

The Columbia Evo round balers are available with single twine, double-twine, net or combined net and double-twine binders. The Columbia Evo series is capable of baling any type of product, either dry or green, and represents the ideal choice for all of those seeking an extremely reliable machine able to combine high productivity with low operating costs.

### Pick-up

#### Columbia R98

- Alternative feeder
- Chamber with chains and crossbars
- Ø 120X98 cm
- Standard pick-up width 162 cm



#### Columbia R10-R12 EVO

- Alternative feeder
- Chamber with chains and crossbars
- Ø 120X120 and 155X120 cm
- Standard pick-up width 162 cm



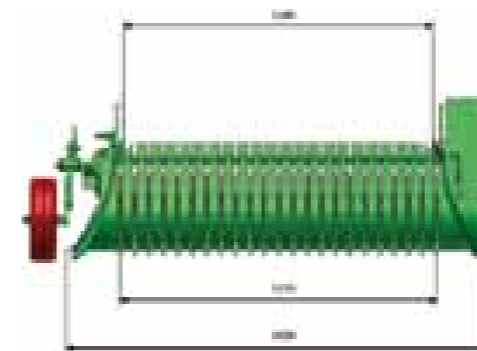
#### Columbia R10-R12 2000 EVO

- Rotary feeder
- Chamber with chains and crossbars
- Ø 120X120 and 155X120 cm
- Standard pick-up width 193 cm

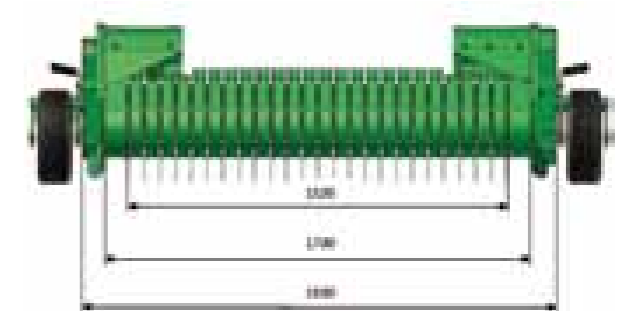


#### Columbia R12 2000 EVO PLUS

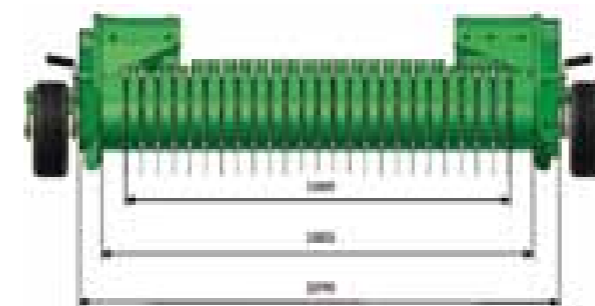
- Alternative or rotary feeder
- Chamber with chains and crossbars
- Ø 155X120 cm
- Standard pick-up width 193 cm
- Lubrication system - electric controls - oversize tyres - wide-angle PTO shaft



Pick-up of 162 cm coupled to an alternative feeder



Pick-up of 193 cm coupled to an alternative feeder or a rotary feeder



Pick-up of 207 cm coupled to a rotary feeder

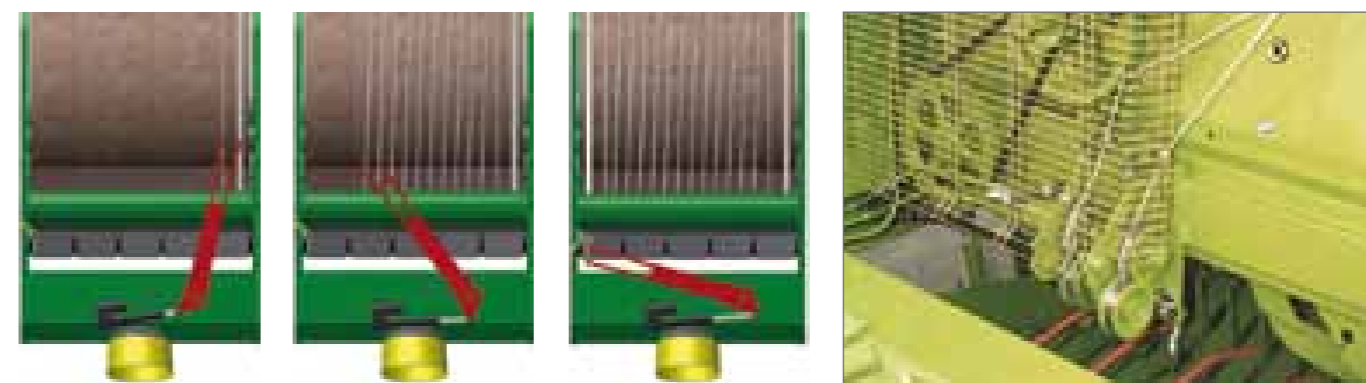
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Binding is a fundamental stage for correct bale shaping. All operations related to the binding process can be directly and comfortably managed from the tractor cab. The operator can choose to use either twine or net, together with the number of turns. The binding apparatus is frontally situated, always visible and at body height to help access for rapid reel changeover.

### Twine binding system

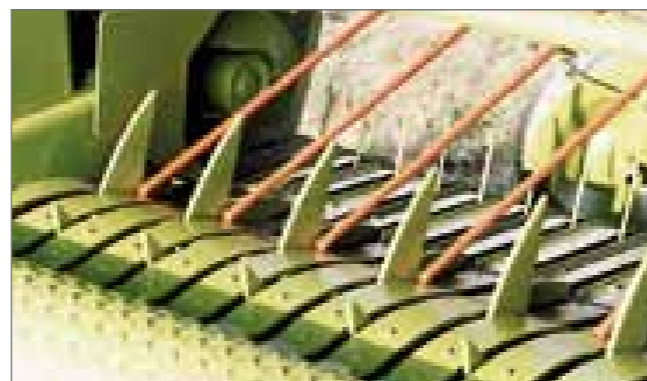
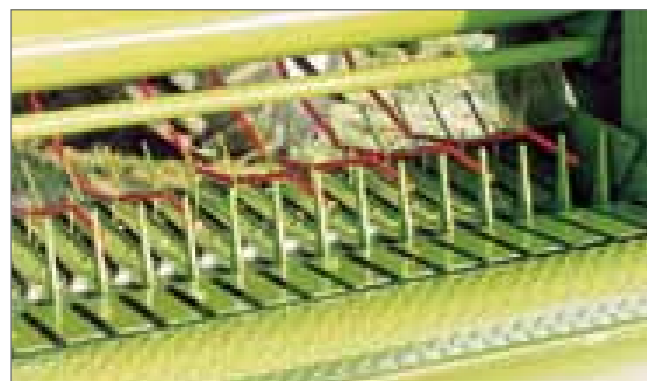
The operator can manage the quantity of necessary twine and its distribution on the bale surface to confer stability and compactness even in the presence of dry and short products. The edges like indeed the central part of the bale are strengthened by multiple overlying passes of twine.



### The alternative feeder

The alternative feeder provides excellent and delicate material introduction into the pressing chamber; important in leguminous hay collection, also when short and friable. This system reduces to a minimum the losses of foliage that contains the major part of the main nutrients. Its construction design, without interferences and obstacles, guarantees working efficiency and high speed on all types of forage.

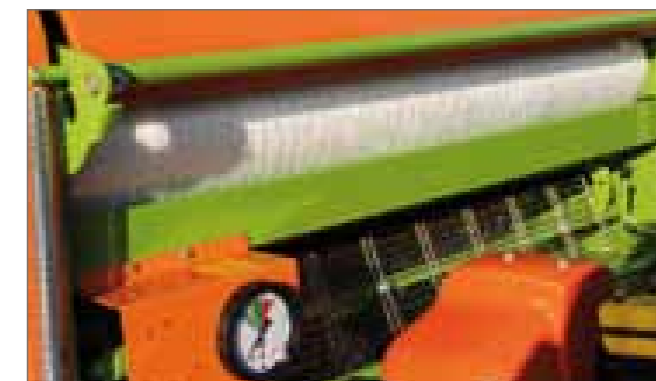
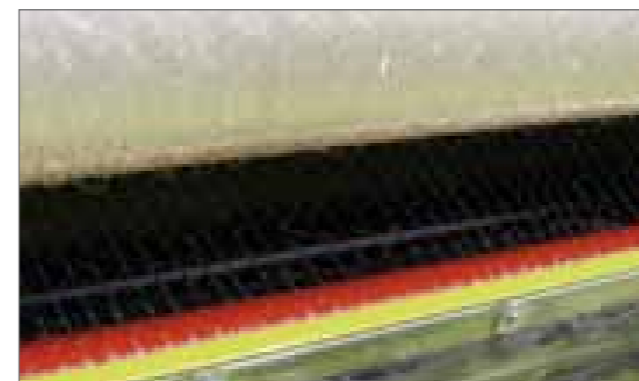
The rotary feeder is made with a rotor having 9 ranks of tines of different sizes. This feature secures a continuous and regular product flow that favors the formation of high density homogeneous bales.



### Net binding system

The operator can manage the quantity of necessary net. The cycle has been designed to maintain constant pressure on the net during the whole operation. The feed system ensures optimum stretching of the net for perfectly covering the entire bale.

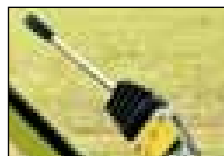
The Wolagri net binding is noted for its operating speed, compactness, bale stability and high work autonomy and is the first choice of professionals in the sector.



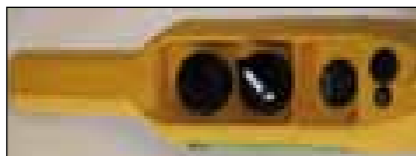
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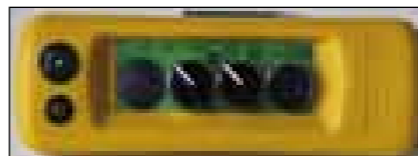
Three-function lever command (opening-closing door, raise-lower pick-up and binding)



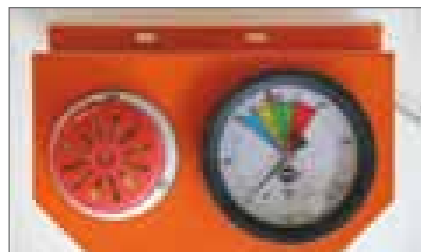
\* Electrical push-button panel for managing the binding process



\* Electrical push-button panel with automatic management of the binding process



\* Acoustic signalling controlled by the pressure set on the manometer



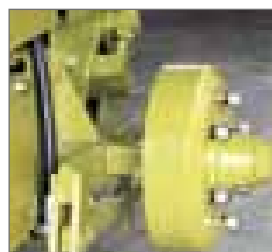
\* Dual-lubrication system with two pumps, one acts automatically on the main transmissions whilst when necessary a manual command acts on the conveyor system, thus avoiding product contamination.



\* Bale pusher: Allows optimisation of working time facilitating and speeding up the discharge of the bale.



\* The brakes connected to the braking system through a simple effect distributor



\* 15.0/55-17 tyres



\* 400/60-15.5 tyres



\* Optional accessories

### Columbia R12 2000 EVO PLUS

The Columbia R12 2000 EVO PLUS is a fixed chamber round baler with chains and crossbars for cylindrical bales of Ø 155x120 cm.

The machine has been designed for the user seeking excellent productivity and reliability coupled with moderate operating costs.

The R12 2000 EVO PLUS represents the top of the range in the Columbia Evo series and is the ideal round baler for small and medium businesses. It is capable of baling any type of product, either dry or green.

The standard equipment of the machine includes:

- Wide pick-up of 193 cm
- Net or net + twine binder
- Alternative or rotary feeder
- Electrical controls
- Oversize wheels of 15.0/55 -17
- Lubrication system
- Wide-angle PTO shaft



The compression chamber is formed of two chains and 43 crossbars in high-strength steel. Optimal for collection of green products.



| Features  | R98  | R10 EVO      | R12 EVO   |
|---|--|--------------|---|
| Bale diameter - cm                                | 120  |              | 155   |
| Bale width - cm                                   | 98   | 120          |   |
| Pick-up width - cm                                | 140  | 162          |   |
| Feeding system                                    | alternative feeder                             |              |   |
| Adjustable pick-up wheel                          | 1 in metal (standard) - 2 in rubber (optional) |              |   |
| Number of crossbars                               | 32   |              | 43  |
| PTO shaft   | shear bolt                                     |              |   |
| Standard tyres                                    | 7.50-16  | 11.5/80-15.3 |   |
| Lubrication (recommended)                         | optional                                       |              |   |
| Swiveling eyebolt attachment Ø 35                 | standard                                       |              |   |
| Road transport signalling kit                     | standard                                       |              |   |
| Road homologation (Italy)                         | standard                                       |              |   |
| Required power (kW/HP)                            | 25/35  |              | 30/40   |
| Machine dimensions - cm (length – width - height) | 341x184x185                                    | 340x224x185  | 370x224x218                                       |
| Weight - Kg                                       | 1720   | 1910         | 2270  |
| Features  | R10 2000 EVO                                   | R12 2000 EVO | R12 2000 EVO PLUS                                 |
| Bale diameter - cm                                | 120  | 155          |   |
| Bale width - cm                                   | 120  |              |   |
| Pick-up width - cm                                | 193  |              |   |
| Feeding system                                    | rotary feeder                                  |              | alternative or rotary feeder                      |
| Adjustable pick-up wheel                          | 2 in rubber                                    |              |   |
| Number of crossbars                               | 32   | 43           |   |
| PTO shaft   | with shear bolt                                |              | wide-angle  |
| Standard tyres                                    | 11.5/80-15.3                                   |              | 15.0/55-17  |
| Lubrication (recommended)                         | optional                                       |              | standard  |
| Swiveling eyebolt attachment Ø 35                 | standard                                       |              |   |
| Road transport signalling kit                     | standard                                       |              |   |
| Road homologation (Italy)                         | standard                                       |              |   |
| Required power (kW/HP)                            | 33/45  |              |   |
| Machine dimensions - cm (length – width - height) | 350x243x208                                    | 370x243x247  |   |
| Weight - Kg                                       | 2160   | 2550         | 2570 (alternative feeder)<br>2640 (rotary feeder) |

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