

EGG COLLECTION SYSTEM

SIDE RAILS

They are made in anodized aluminum, obtained by extrusion that guarantees great precision and correct functioning. The rails are equipped with two plastic profiles that contain the eggs.

TELESCOPIC JOINT

The Telescopic joint's purpose is to enable the lift to raise the various tiers while connecting the fixed part of the conveyor to the mobile part.

EGGWAY WIDTH MM.	CAPACITY EGG/HOUR
300	15000
400	25000
500	35000
600	45000
700	55000
800	65000

BELT CONVEYOR

This conveyor is made of a double belt suitable for use in the food industry, running on a concave sheet metal channel.

The belt is driven by a sturdy driven unit designed to collect eggs from one or more sheds. It is 40 cm wide.

RM EGG COLLECTION SYSTEM

In the "California" and the three-tier "Nevada" battery cages, the eggs can be collected by the RM: one table for each tier with a gear motor for driving the egg conveyor belts which can be moved from one tier to the next. Tables can be folded.
The belt speed is 7 m/min.

MISTER EGG: THE EGG COUNTER

The identification system counts the eggs by image mapping. Counting is carried out without contact or mechanical stress, when the eggs pass under the identification unit on the jute belt or on the Egg-way bar conveyor. The preprocessed data is sent to the central counting unit. The central counting unit can collect the data provided by 30 identification systems, after which it is processed and printed. The accuracy of the egg counter is 0.5/1000.

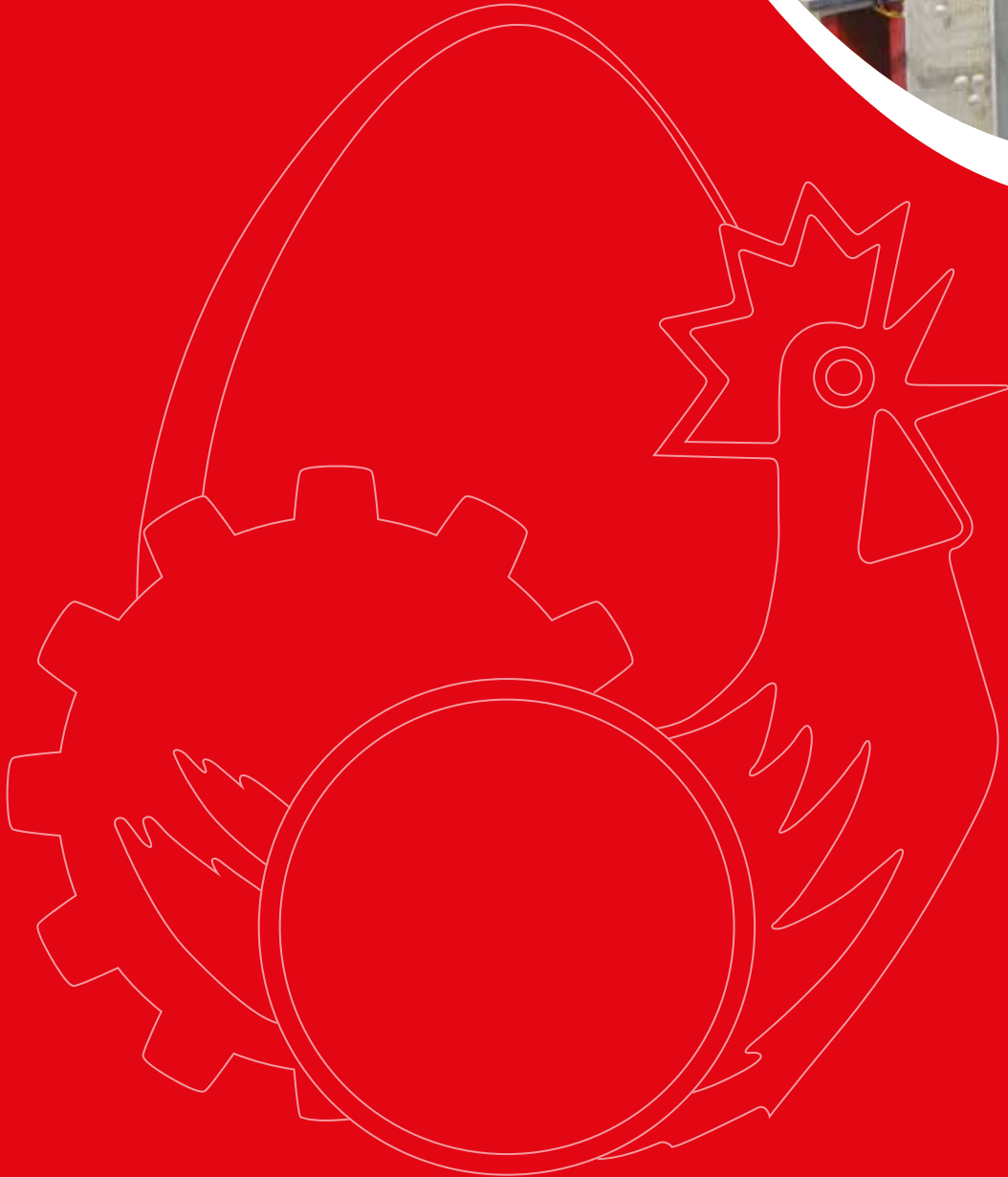


FACCO
POULTRY EQUIPMENT

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NIAGARA

It is a machine with great hourly collection capacity. It is solid, reliable and continuously updated technologically. It can be used with any type of battery cages.

A variable speed unit can be installed (from 0.2 to 1.7 m/min).

- It simultaneously collects eggs from all battery cages of one house or battery by battery;
- The jute belt is cleaned by a brush towed by a motor roller;
- The transfer (between jute belt and bars, between bars and Niagara, between Niagara and Eggway, is particularly smooth and delicate;
- The transfer bars distribute the eggs of an 8-tier battery cage on Niagara;
- The small eggs do not pass through the bars;
- The eggs are cleaner: feathers, dirt and eggs without shell fall in a drawer;
- The egg-way can be installed at any height; it does not hinder the passage through the corridors.

NIAGARA WITH TABLE

In the "Nevada", "Europlastica" and "Eurocompatta" battery cages the eggs can be collected by the Niagara onto a table.

The Niagara and egg belts motor drive is controlled by a pedal switch.

The jute belt speed is 0.9 m/min.



LIFT



The lift collects the eggs of the battery cage, tier by tier, at a speed of 5 m/min.

It can function at two speeds or at variable speed (from 2.5 to 5 m/min). The vertical displacement speed is 0.5 m/min.

The collecting time is longer if compared to the Niagara. The carrying structure is made out of stainless steel and lifting occurs by means of high-precision transmission chains.

- The corridors are free from shafts or transmission rods;
- The transfer of the eggs from the jute belt to the Eggway is smooth due to the presence of a geared roller;
- The jute belt is cleaned by a brush towed by the motor roller.



EGGWAY

The Egg-way is the new Facco conveyor. It does not have any equivalent on the market.

The bar is double and has a ring shape, welded more than 1 cm on each side of the chain. The chain is of high quality, in hardened tempered steel, provided with a warranty certificate.

- 25% less friction because it moves on plastic rails;
- more resistant welding;
- more uniform movement;
- less breakage of eggs.

TOWING

The towing group can be: extreme or intermediate.

Two sprockets are mounted on a countershaft with a gear motor coupled directly to the same; this ensures a correct and silent functioning. The chain moves evenly because it moves forward without jolts at the same speed, both to the right and to the left. Steel guide slides that would cause more friction and wear are not necessary.

GEAR

The idling gear group is made of two pinions on the countershaft. The forward speed of the chain is even, ensuring proper operation.

CURVES

The egg-way can make curves at any angle: 45, 90, 180° and intermediate values. The ring shape of the bars avoids the displacement of the eggs in the curves and therefore prevents the collision of the eggs; in this way, the percentage of egg breakage is reduced.

