



Moba 150 CPH Farmpacker

It looks familiar but it's brand new...

Moba recognized a long time ago that a system that waits for six eggs and only then makes a start-stop movement, lack gentle egg handling and are limited in net efficiency. The result was a series of Mopacks with a continuous carrousel movement offering "the gentle touch" and extreme high net efficiencies.

A technological breakthrough now enables the creation of a packer that does process 6 eggs in parallel but combines this with a continuous moving system.

The speed of the system is automatically adapting to the amount of eggs that are available on the intelligent accumulator. In other

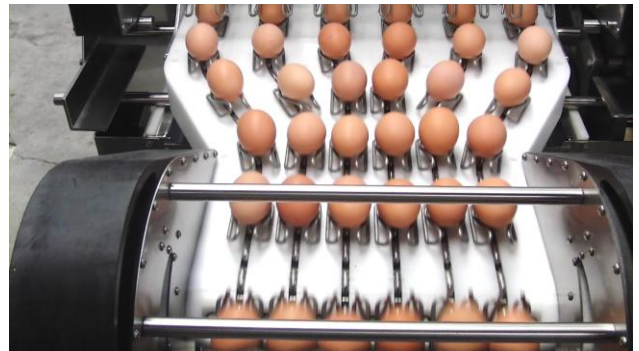
words: the system measures the influx of eggs and ensures in this way a non-stop, very gentle egg handling with no need to wait for the 6th egg each cycle. This results in the highest net efficiency ever seen on a farmpacker with a six-eggs parallel packer process..

The principle

At first eggs are accumulated in such a way that the system predicts the availability of eggs at the entry ports of the packer some seconds in advance. The packer will then adjust the speed so that a smooth continuous motion will pack all the incoming eggs. This means no waiting for the 6th egg as long as the supply of eggs is adequate.

After the entry ports, the eggs will be oriented on a small roller section and will be placed point forward onto transport cups. The cups are mounted in a way that allows excellent egg handling. The cups will transport the eggs to a next stage: the drop system. The conversion to the right pitch of the tray is also carried out by the cup-system.

The drop system itself is also characterised by a continuous movement. Two eggs-guides will rotate and guide the eggs down with a forward movement that equals the continuous moving tray. The result is that the eggs are placed with a zero difference in speed. The result: even the weakest eggs are placed in the trays perfectly.





Continuous drop system places the eggs in various trays used worldwide.
Removable parts enable external cleaning.



Cleaning

The 3 most important units for cleaning can be removed and cleaned using high pressure foaming and rinsing:

- Accumulator
- Roller section + Orientation section
- Cup system + drop system

Specifications of concept study *)

Capacity	150 cases/hour = 54,000 eggs/hour
Configuration	Left or Right handed layout possible
Power consumption	2kVA @ 3 phase+neutral+ground
Length of packer itself	3330mm
Height	1440mm
Width	2640mm

*) May be subject to changes;
production series planned for 4th quarter of 2010

