



## 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 carousel 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 6<sup>th</sup> egg each cycle. This results in the highest net efficiency ever seen on a farmpacker with a six-egg 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 6<sup>th</sup> 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 4<sup>th</sup> quarter of 2010

