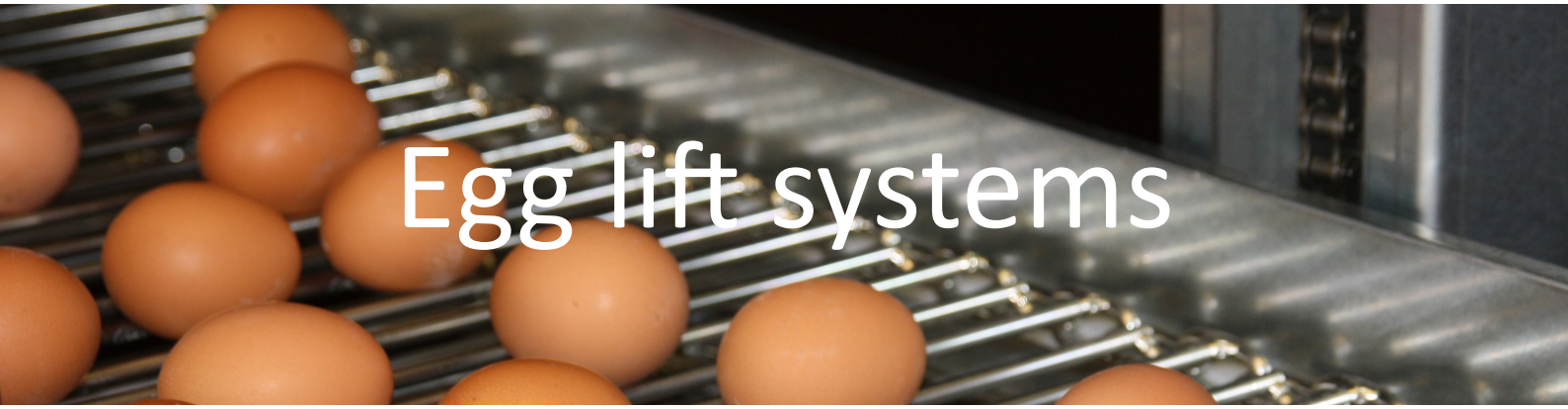

Egg lift systems

Farmtec Egg lift systems

Farmtec egg lift systems with egg conveyors can be combined with all makes and types of equipment for layers, breeders and turkeys.

The egg lift system moves an egg conveyor to any desired level. The eggs are collected from the egg belts in the poultry house tier- by- tier and conveyed to a central collection point. After egg collection, the lift system moves the egg conveyor to a parking position, for free access to the poultry compartment.

Egg conveyors in a lift system may include slope assemblies and curves. During height adjustment of an egg conveyor by a lift system, the length of the conveyor chain is adapted by a telescope set, with a fixed and flexible hinge set.

Our egg lift components are mainly made of galvanised steel, for a robust structure and a long-life span.

Subject to the location of egg collection and space available for the hinge- and telescope sets, curves up to 180 degrees can be included in the up and down moving part of the egg conveyor.

Egg lift systems allow one transfer only between an egg belt and the egg conveyor. This ensures a high percentage of first grade eggs.



Egg lift



Telescope unit

Egg lift system with a front drive, 90-degree curve and telescope set.



Egg conveyors in a lift system are available in various types and widths.

Three conveyor chain types, suitable for slopes up to 40 degrees:

Max. degrees	Max. degrees	Max. degrees
15	20	40
Type spb (flat rods)	Type spbv (stepped rods)	Type spbev (extremely stepped rods)

Specifications of our egg conveyors:

Usable width	**30 cm.**	**40 cm.**	**50 cm.**	**60 cm.**
Frame LxWxH (cm.)	300x35x14	300x45x14	300x55x14	300x65x14
Conveyor speed	4,9 or 5,2 meters per minute			
Max. capacity type spb	25.000 eggs/hr	36.000 eggs/hr	45.000 eggs/hr	54.000 eggs/hr
Max. capacity type spbv	25.000 eggs/hr	36.000 eggs/hr	45.000 eggs/hr	54.000 eggs/hr
Max. capacity type spbev	-	25.000 eggs/hr	36.000 eggs/hr	45.000 eggs/hr
Motor drive unit	400V-3 phase-50 cycles-0,37KW or 0,75 KW			
Outer radius curve	115 cm.	153 cm.	188 cm.	224 cm.
Length drive unit	32 or 53 cm.			

Characteristics and advantages of Farmtec egg conveyor systems:

- All structural parts are made of aluminium and galvanised steel.
- The rods are connected to the chain links through full welding by a welding robot.
- The systems have a long-life span and allow high loads in long systems.
- Open structure, so hardly any dirt attaching. The systems can be cleaned thoroughly and fast, while maintenance is limited to a minimum.
- Chain guiders in system components, like slope assemblies and curves, are of high-quality wear-resistant materials and hardly require maintenance.
- Brightly galvanised rods for a long-life span, optimum system capacity and a high percentage of first grade eggs.

Available for egg conveyors:

Front drive, intermediate drive, end drive, inclines/declines, curves, automatic oil dispenser, top covers, short intermediate conveyors (driven by egg belt drives of layer nests, if desired) and a dirt collection belt under the egg conveyor.

About Farmtec

Farmtec is a Dutch company, established in 1979 and since 2017 part of The Smart Farming Company. We are active in egg collection systems and egg conveyors throughout our worldwide distributors network. We focus on designing, manufacturing and delivery of professional egg collection systems and egg conveyors for modern poultry farms.

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