



Complete Solutions for Broiler Breeders



Complete Broiler Breeder Packages



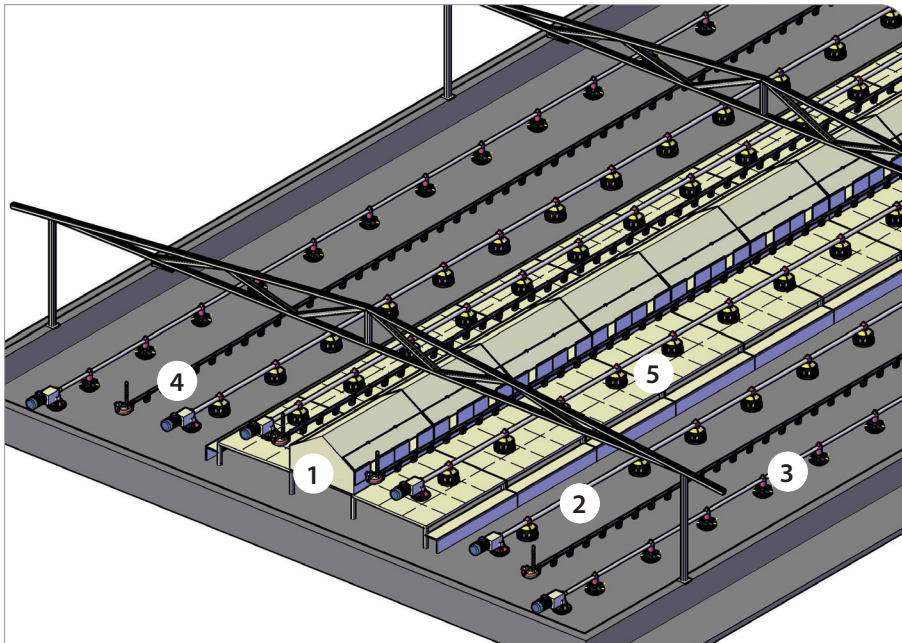
We at PLASSON are aware that the main goal in Broiler Breeder production is to achieve the highest possible number of high quality, clean, fertile and hatchable eggs per layer house along the defined cycle. This goal can be reached by accurate selection of technologies and professional management. We believe there is more than one winning concept and the design must take into account the genetic line, growers skills and climate as major criteria while planning the package.

- Floor space (especially mating space)
- Nesting space and availability
- Feeding space and availability
- Drinking space/points and availability



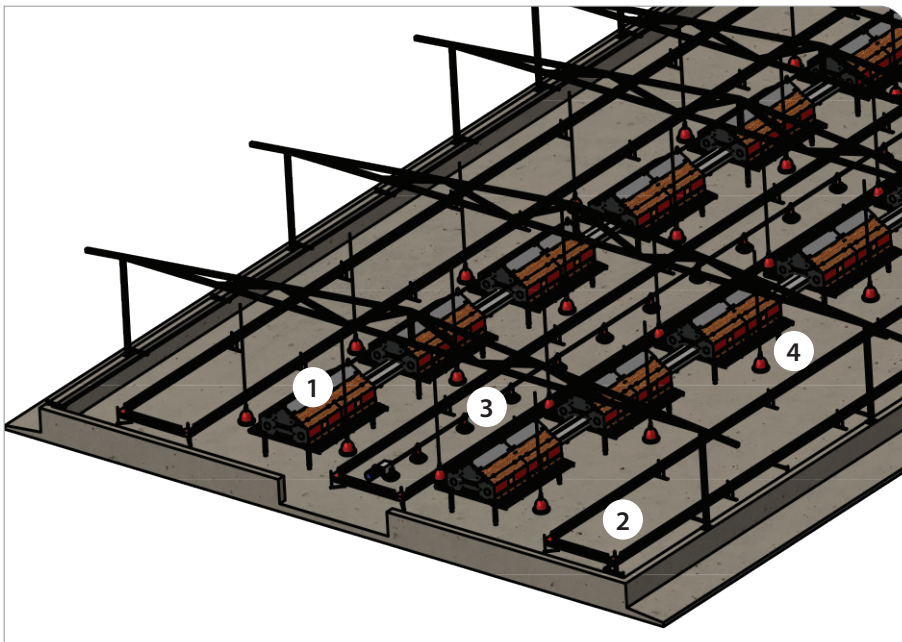
Samples of concepts available with PLASSON equipment:

Using PLASSON equipment will enable you the flexibility to develop many combinations of Nests, Drinking and Feeding Systems into a Complete Solution designed to suit the requested concept.



Center Belt Communal Nest - With Slats

- 1. Nest
- 2. Feeding Pans for Females
- 3. Feeding Pans for Males
- 4. Drinking Nipples
- 5. Slats



PlassNest - No Slats

- 1. Nest
- 2. Chain Feeding for Females
- 3. Feeding Pans for Males
- 4. Drinking Bells



Nests

Recommendation

We recommend to avoid dividing the house into two separate parts!

Choosing the type of Nest is the most important factor defining the Breeder House concept.

PLASSON offers two basic solutions:

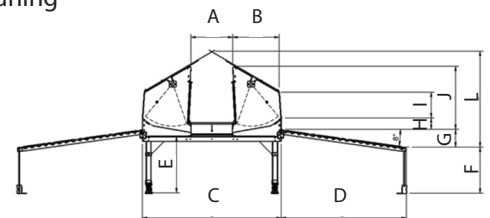
- Center Belt Communal Nest with Slats
- The PlassNest Nest with Jump Bench and no Slats

Center Belt Communal Nest

Features:

- Collection table/ direct connection to cross conveyor with speed control and emergency stop
- Sides and legs made of highly resistant plastic
- Layers expulsion system is built in
- Easy management, cleaning and sanitation
- Plastic slats with a non-slippery surface, and excellent open area for easy cleaning

Dimensions (mm)										
A	B	C	D	E	F	G	H	I	J	K
200	440	1160	1220/1525/1830	450±40/ 550±40	240/90/350/90	170	120	250	615	930
400		1360								

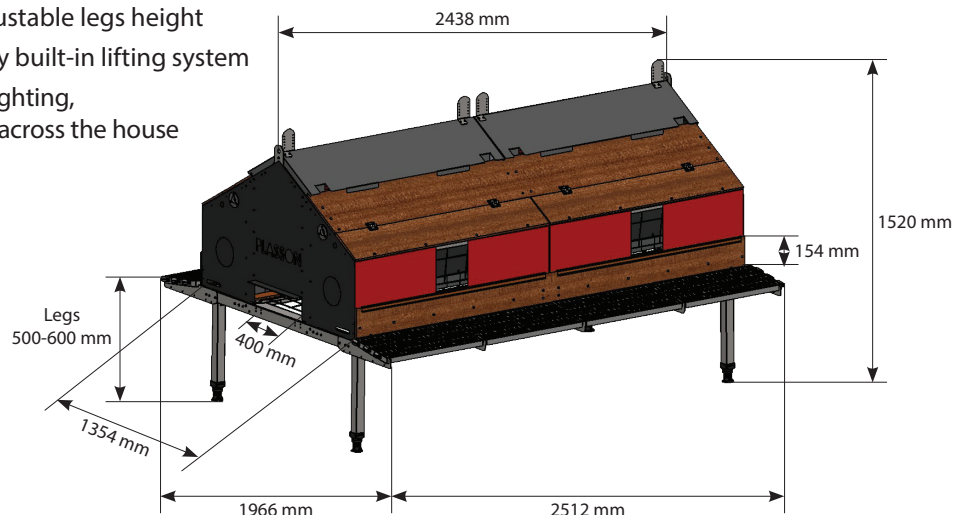


PLASSNEST

PlassNest Nest is a spacious nest applied usually in two rows along the house. The nests can be suspended and mechanically lifted. The system is designed with passages between each two adjacent nests thus allowing airflow and birds to cross the house freely. Slats are not used and nests have only jumping benches which allow more floor (and mating) space, better lighting and ventilation conditions, all leading to increased fertility and hatchability.

Features:

- Collection table / direct connection to cross conveyor with speed control and emergency stop
- Easy young flock training by adjustable legs height
- Easy clean-out between flocks by built-in lifting system
- Flexible layouts allowing better lighting, ventilation and birds movement across the house
- No slats give more floor space
- Removable floor mats





Feeding

Recommendation

Distribution time should be 3-4 minutes and can be achieved by more filling points



PLASSON offers two feeding system:

- Pan Feeding System
- Chain Feeding System

Pan Feeding (for Females)

Features:

- Highly durable quality plastic
- Flexible layouts using odd / even number of lines
- Easy cleaning and sanitizing
- Uniform feed distribution with adjustable amount of feed in the Pan
- Hoppers and Control Pans and corrosion free materials
- Males restriction can be easily adjusted

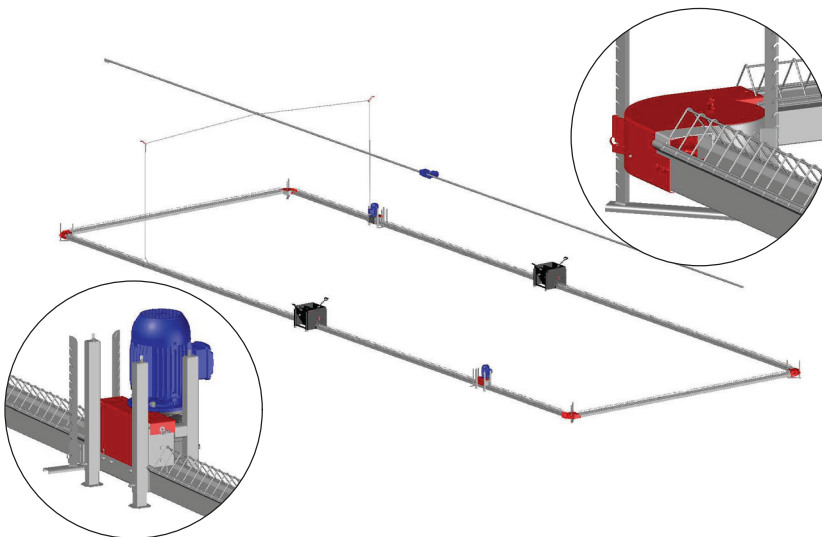


Feeding Pan for Females

Chain Feeding (for Females)

Features:

- Variety of Feed Hopper designs enables flexibility in circuit designs
- Fully suspended system (available also with plastic or metal legs)
- Many options for grill types and dimensions
- Heavy duty wear resistant corners ensure durability of the system



Pan Feeding (for Males)

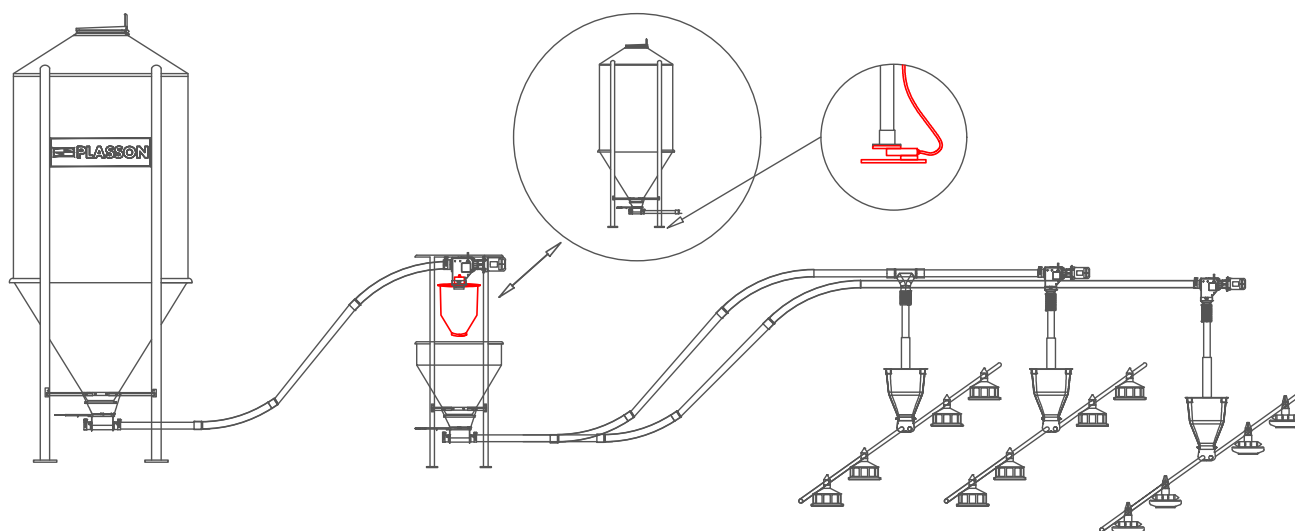
Features:

- Innovative grill-less design
- Shut off allows partial line usage
- Retaining lip minimizes feed waste
- Easy feed level adjustment
- Highly durable quality plastic



Feeding Pan for Males

Silo, Feed Weighing & Fill Lines



Feed Storage Silos

PLASSON offers a wide range of storage Silos.

Features:

- Made of galvanized steel or fiberglass
- Storage capacity from 3 to 50 tons per silo
- Pneumatically or top filled
- Ladder and safety cage included in all models
- Offered in a variety of specifications- capacity, diameter, height, number of legs
- A 60° cone allows easy feed drop
- Optional - Manual feed drop and sight window(s)





Feed Weighing

PLASSON offers two options for Feed Weighing, both backed up by our house controllers line.

Batch Weighing

Features:

- Plastic weighing hopper 50-kg
- Accuracy of +/-0.2 kg

Intermediate Weighing Silo

Features:

- Can serve also for stock monitoring
- Load cells function at all relevant temperature range

Feed Fill Lines

PLASSON offers two solutions for filling the distribution lines.

Direct Filling

Features:

- Simple structure orenables free air movement (better ventilation)
- Simple and straight forward filling control

In-House Hoppers

Features:

- Simple operation of distribution lines





Drinking

Recommendation

Opening passages in the Nipple Line is a good way to enable layers to cross the line on way to the Nests.

PLASSON offers two Watering Solutions with highly efficient applications of Water Management Systems:

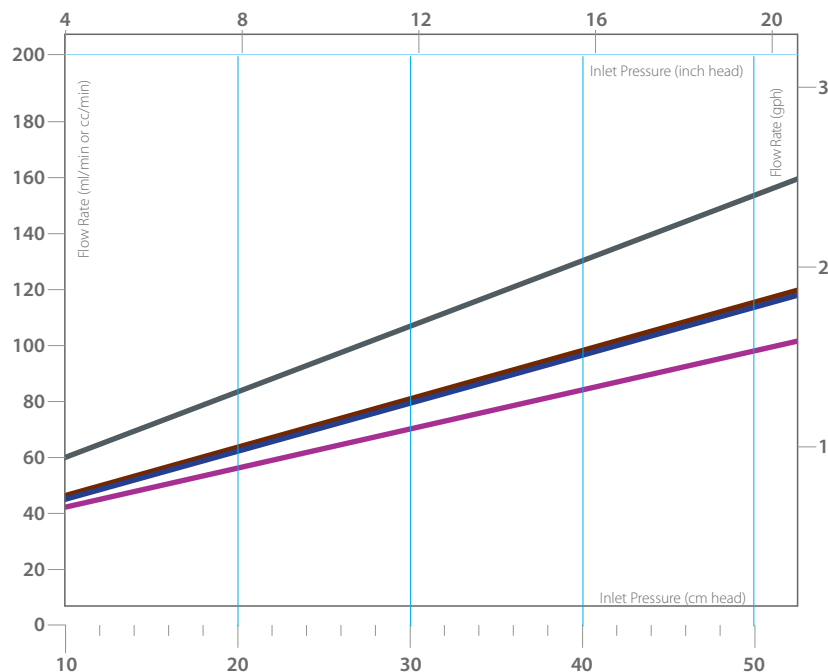
- Nipple Drinking
- Bell Drinking

Nipple System

PLASSON'S well proved Nipple Line covers all the range needed for hot/cold climates, rearing regimes and management practices.

Features:

- PLASSON'S Nipple Systems ensures sufficient water supply at peak consumption times while keep dry floors.
- Double sealing
- Easy Maintenance
- Available combinations and add-ons of partial plugging, Auto Flushing, controlled pressure regulation (WOD) and Slope Regulator.
- Tray for nipple is optional



- Dark Grey For Breeders
- Brown For Breeders
- Dark Blue For Pullets, Pullets Evolving to Breeders & Layers
- Violet For Pullets, Pullets Evolving to Breeders & Layers

Bell Drinkers:

PLASSON well known Bell Drinkers are the industry standard for over 50 years!

Features:

- Reliable life-long products
- Flexibility to position out of line
- Individual height adjustment with optional central lifting



Compact Breeder Drinker



Breeder Drinker

Recommendation

Recommended number of drinkers per 1000 adult birds: 10-12

Recommendation

Morning flow rate (during feed time) is 3-4 times higher than the daily average.



Water Management Systems

PLASSON provides Water Management applications.

Features:

- Filters
- Water meters with electronic output
- Chemicals and medicine dosing
- Water hardness treatment - Siliphos

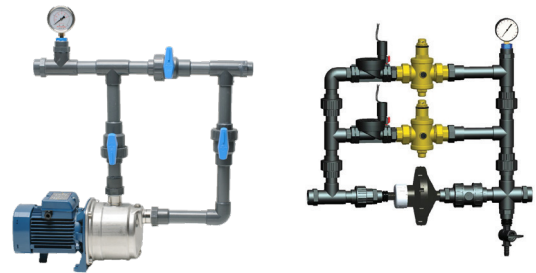
Water on Demand (WOD) and WOD Pro

Features:

- A revolutionary solution for optimal Water Management
- Controls and manages the Water Pressure in all drinking lines from one central point
- Enables presetting of the pressures for the entire grow-out
- Maximizes bird performance with optional water supply
- Enables increasing of water pressure for peak consumption

Water on Demand PRO

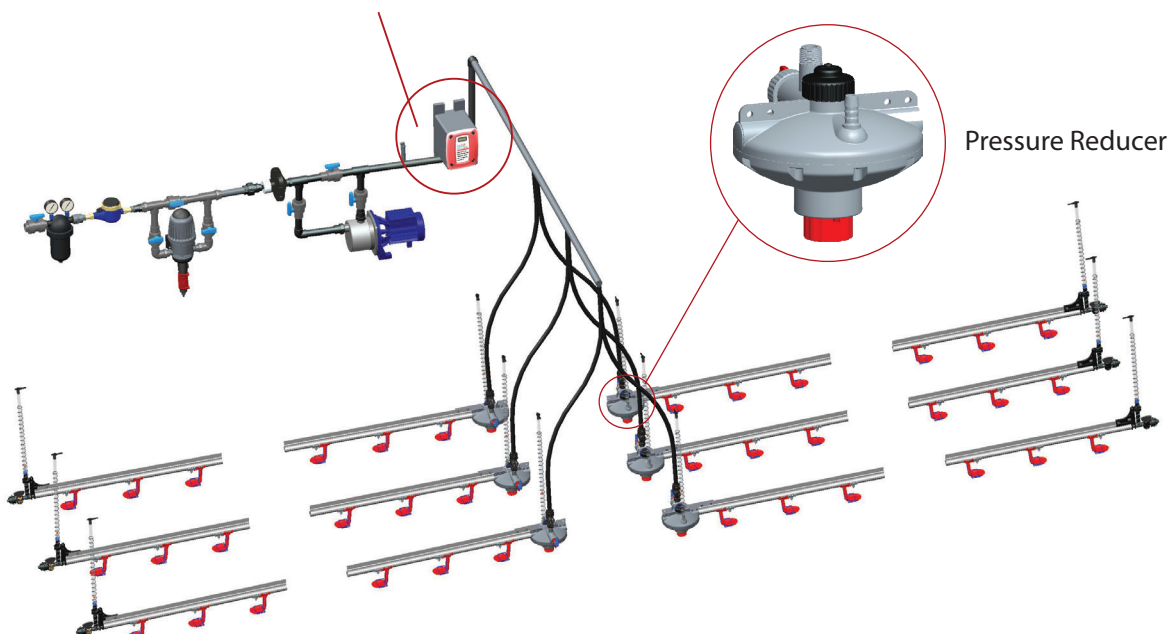
Precise Day Round Water Consumption



Automatic Flushing

Enables:

- Fresh water for the birds
- Refreshing lines with cooler water
- Easy flushing of lines for less biofilm
- Cleaner system and improved system longevity
- Labor saving



Pressure Reducer



Lighting

Recommendation

It is important to keep light distribution even without shadowed spots.

PLASSON LED system includes:

- Dimmer
- Lighting Garland Lines
- LED Bulbs

IGBT Dimmer

Features:

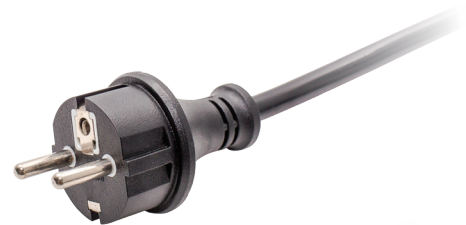
- Works as a stand-alone controller or as a slave to a climate controller or in manual mode
- Up to 2000W in two independent programmable channels
- Built-in protections - surge, short-circuit, overload, overheat
- Excellent power factor and efficiency
- Extends bulb life (higher light intensity maintained)



Lighting Garland

Features:

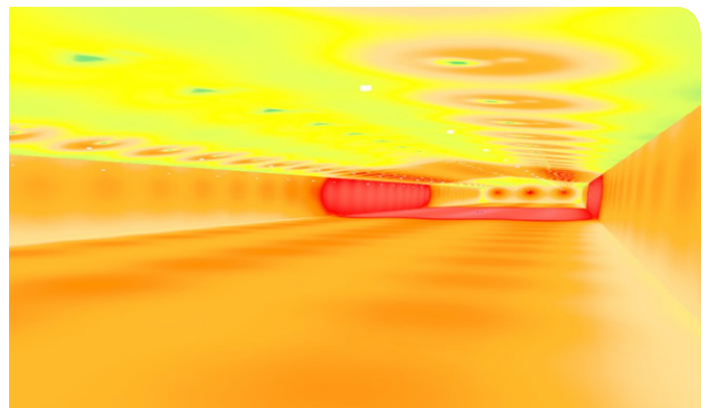
- Easy installation and operation
- Available in different lengths and spacing



LED Bulbs

Features:

- From 7W (600LM) up to 14W (1520LM)
- Ultra-high lumen output and deep dimming supports a wide range of requirements for pullet and layer applications
- Broad beam angle (no spotting, excellent distribution)
- 25,000 hour - guarantee of brightness during the lamp's lifetime



* For further information about PLASSON Climate Solutions, refer to the 'Climate Solutions' catalogue

Egg Transfer & Treatment



PLASSON offers solutions including:

- Egg Conveyors
- Farm Egg Graders and Packers

Eggs Cross Conveyors

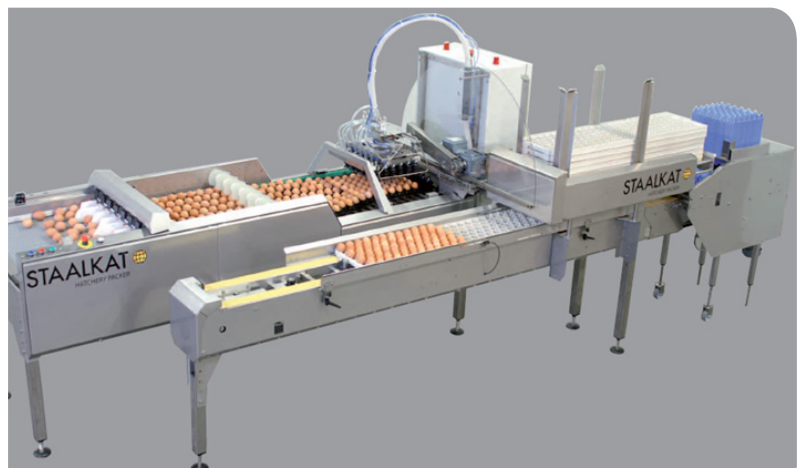
Features:

- High end quality (durable, fast installation)
- All metal chain ensures lifelong smooth work
- Flexible layouts using corners from -15° up to -90° and slopes up to 40°
- Suitable also for Turkeys and Ducks eggs

Eggs Grading/Packing

Features:

- Flexible layouts
- Optional functions include: grading, manual candling, stamping, packing
- Optional disinfection before entering the machine
- Plug & Play installation
- Easy maintenance



Complete Solutions for Broiler Breeders



 **PLASSON**[®]
Livestock



Feeding



Drinking



Climate



Housing

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