



**Big Dutchman®**



FEEDING



WATERING



VENTILATION



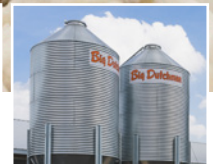
NESTING



CONTROLS



EGG COLLECTION



BIN/FILL SYSTEMS

# **Complete Breeder Management System**

# Enjoy uniform feed and safely handled eggs with Big Dutchman's complete breeder management system

Only Big Dutchman provides you with a complete breeder management system that provides uniform feed for breeders, and safe egg handling from nest to collector. From start to finish, producers trust Big Dutchman to provide solutions resulting in lower waste and higher profits.

The Big Dutchman breeder system includes:

- The Champion™ Chain Feeding System for breeder hens
- Feeding system for optimized feed conversions
- Nests and egg collectors
- Feed tanks and fill systems
- Digital control units
- Feed weigh scales
- Nipple watering system
- Environmental control systems

## PAN FEEDING

Our feeding technology delivers **uniform feed** and has proven it to be the best at **faster starts and bigger birds**.



FLUXX Breeder Pan

The **FLUXXBREEDER** pan creates a **uniform flock** by delivering feed simultaneously and providing optimal space for each bird to feed.

Below are just a few features of our pan feeders:

- 360° flooding mechanism ensures a high feed level in the pan for day-old chicks
- Simple and reliable, one-handed adjustment of the feed level to eight positions
- Reduced feed loss
- Fast and simultaneous filling of all pans
- Easy cleaning after every flock

Feeding the male birds is done with the **MALEPAN**. Separately feeding males guarantees that **all males receive the required amount of feed**, and allows for the use of different feed mixes for hens and males.



MALEPAN



Sliding shut-off to close off individual pans

## THE CHAMPION CHAIN FEEDING SYSTEM

This system presents feed according to your management schedule, allowing you to select the quantity and timing of feed distribution.

The Champion Chain feeding system provides **more feeding space, delivers greater feed conversions, and is flexible** enough to be configured to meet any needs.

- Fast, uniform feed distribution yielding uniform nutrition and bird size, with less stress and migration
- Provides approximately 43% more feeding space than drag auger feeders, and allows birds to eat head-to-head
- Reduces competition for feed with a large-capacity trough
- Reduces feed waste with an internal remix wheel
- Regulates the amount of feed coming from the hopper, keeping a consistent supply of feed on the chain





## INDEPENDENT DRIVE UNIT

The Champion system is available with **independent-drive units**, which are separated from the hoppers, helping to **increase the life of system components**.



## NXB NEST AND PLASTIC EGG BELT SAFELY HANDLES EGGS FROM NEST TO COLLECTION

Offered in single center belt, or double side belt configurations, the **NXB** features:

- Single hole laying nest with 10, 9 or 8 nest holes per section side (length of a section is 8' or 2,438 mm)
- Plastic or Woven belts are available
- Black plastic partitions
- Full nest width egg shields
- Complete coverage of the egg belt keeps eggs hidden
- Nest floor and the substructure below the egg belt consists of corrosion-proof zinc aluminium coated wire grate
- Nest bottom is covered with a perforated nest insert which is easy to install, or taken out for easy cleaning
- Removable sheet metal covers allow the producer easy access to the egg belt for inspection
- Centrally activated closure rods can be lowered at night to prevent hens from sleeping in the nest and aid in keeping the nests clean
- Central suspension system can be winched for servicing between batches



NXB single hole side belt nest provides a safe and comfortable space for hens to lay their eggs.



Perforated black plastic egg belt keeps eggs clean and safe. The plastic belt is easy to clean and sanitize.



EggTrax egg transfer system helps to clean eggs, and keeps them safe during the transition from the egg belt to the cross conveyor

**EggSort egg collection tables are efficient to work with, reliable, and are easy to clean and sanitize.**

They feature a variable speed front mounted control, adjustable shelf, heavy duty construction, plastic or woven belts, removable magnetic pads, and a reliable 3 phase motor.



## A HEALTHIER ENVIRONMENT IN YOUR BIRD HOUSE MEANS HEALTHIER BIRDS

And healthier birds mean more profit for you. Big Dutchman can provide you with an integrated environmental system, configured to keep your house running at peak performance.

To ensure stable control and outstanding environmental conditions for the birds, a ventilation system is required that utilizes **air intake and exhaust air components, heaters, evaporative pad cooling, and a fully automatic control**.



Galvanized and fiberglass fans

# Reliable Big Dutchman components make the system complete

Big Dutchman storage solutions can be **easily configured to any application**, and all systems can be filled either pneumatically or by auger.

## BULK FEED SILOS:

- Die-formed and constructed of galvanized metal for maximum strength and years of use

## FLEX-VEY® AUGER FILL SYSTEMS:

- Carry feed from feed tanks to the house, moving up to 17,000 lbs. (7,700 kg) of feed per hour
- Single or tandem bin installations and can be built as single or double systems
- Customized to meet your needs
- High quality and extremely flexible spring steel
- Feed can be transported into the house around bends of up to 90° safely, quickly and without feed separation
- Universal application for each type of house
- Fast and easy assembly

## NIPPLE WATERING SYSTEM:

- Low-pressure nipple drinker has a triple seal, reducing the probability of leaks
- Fully-enclosed watering system keeps dirt out and water clean

## FEED WEIGH SCALES:

- Dependable, accurate scales for outside use
- Available in capacities of:
  - 5,000 lb. (2,300 kg)
  - 10,000 lb. (4,600 kg)
- Scale, feeder, and extension combination offers an alternative feeding system used inside the building

## DIGITAL CONTROL UNITS:

- Independent fill and feed outputs allow up to 12 starts per day
- Skip-a-day feed and fill program available
- Battery back-up system maintains programs in memory in the event of a power failure



Big Dutchman can provide you with an **integrated environmental system**, configured to keep your house running at peak performance. Big Dutchman is uniquely qualified to design a system for you that maintains a clean, temperature controlled environment which, in turn, **consistently produces uniformly healthy birds**.

## TUNNEL VENTILATION:

### TUNNEL AIR INLET

- The air inlets for tunnel ventilation consist of large openings. These inlets are opened and closed in order to control the volume of air entering the house

### FANS

- Fiberglass and Galvanized

### COOLING

- Evaporative pad cooling
- Fogging systems

## MINIMUM VENTILATION:

### AIR INTAKE

- Plastic inlets installed in the ceiling or side-wall
- Galvanized inlets for side-wall installation
- Slot-Aire back to back inlets
- Continuous ceiling inlets
- Vent / Curtain machine

### FANS

- Galvanized fans
- Fiberglass fans
- Ceiling fans
- Circulating fans

### HEATING COMPONENTS

- SOLaire gas brooders
- Tube heaters
- Box heaters

## CONTROLS:

**Controlling the environment in your houses have never been so easy, and effective.** ViperTouch is Big Dutchman's newly developed environment and production computer for use in poultry houses.



The automatic controls provided from ViperTouch allow you to **take complete control over the production, and the environment of your houses from one central location.**



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