



**Big Dutchman®**



FEEDING



WATERING



VENTILATION



HEATING



CONTROLS



BIN/FILL SYSTEMS

# **Complete Broiler Management System**

# Enjoy uniform feed and the perfect environment with Big Dutchman's complete broiler management system

As a broiler producer, your concern for healthy birds, excellent feed conversions and flock uniformity is highest priority. We've delivered a consistent stream of the most advanced feeding technologies in the industry. From start to finish, producers have entrusted Big Dutchman to provide solutions resulting in lower waste and higher profits.

**The Big Dutchman broiler system includes:**

- Feeding systems for optimized feed conversions
- Feed tanks and fill systems
- Digital control units
- Feed weigh scales
- Nipple watering system
- Environmental control systems

## PAN FEEDING



Our **FLUXX broiler feeding system continues to set the standard for pan feeding.** The unique design delivers **uniform feed** and has been proven to be the best at **faster starts, and producing bigger birds.**

From start to finish, the patented FLUXX broiler feeding system sets the standard for broiler feeding technology. The FLUXX system has been farm tested around the world, showing it to be the **best at faster starts and bigger birds.**

**Features of FLUXX broiler feeding pan:**

- TRUflood™ 360° high feed level flooding allows feed accessibility at day one
- Open grill design provides easy access
- Even feed distribution within the pan
- Feed levels are easily set with our "Spin-n-lock" adjustment
- Internal lip is designed to give big birds easy feed access without wasting feed or injuring birds
- Swinging pan yields less bird injury and is easy to clean
- Snap on top cap for easy installation and service, saving time and maintenance costs
- Heavy duty plastic construction creates a system that will last for years with minimal maintenance



From day one, the **14" FLUXX pan will get your birds feeding right.** The FLUXX pan offers all the proven benefits of the FLUXX pan family, plus **specially designed features for getting your flock started right.**

- Comfortable access to day-olds
- Uniform feed distribution
- Easy to use pan design



## BROODERS

**Big Dutchman Solaire™ brooders meet every need.** Designed specifically for the poultry industry, Big Dutchman Solaire™ brooders—single-jet and infrared—are engineered and manufactured for exceptional durability and performance.

Our **Direct spark ignition brooder eliminates standing pilots** and provides electronic control of a group of brooders. Direct spark ignition is available on single-jet and infrared brooder models. The system requires a transformer.



## DRINKING SYSTEMS FOR A RELIABLE SUPPLY OF FRESH AND CLEAN DRINKING WATER

Big Dutchman watering systems help you to **provide fresh and clean drinking water to your flock**, helping you to achieve optimum performance from your birds.

- Ideally suited for growing poultry up to a live weight of approximately 26 lbs.
- Flow rate of 80 - 95 ml/min, providing sufficient water supply for heavier poultry
- Single-arm drip cup keeps the litter dry while giving birds the water they need

Our drinking systems are the **most reliable, providing a clean and consistent flow of water** to your entire flock.



## MAKING YOUR SYSTEM COMPLETE, FROM FEED TO FINISH

**Every element of Big Dutchman's feeding system is designed for optimal performance and durability.**

### Feeder and hopper unit

- Galvanized steel or heavy-duty plastic available
- Permanently lubricated, sealed bearings give the unit an exceptionally long life
- Removable extension allows the unit to be winched up until the feeder reaches the desired height for easy clean-out
- Hopper wall design allows superior feed-out of all types of feed, providing a steady supply to the auger and faster filling of all pans



Feeder and hopper unit

### Mechanical high limit hopper switch

- Sealed orange electrical box
- Adjustable paddle mechanism
- Reliable micro-switch



### Auger and tube

- Constructed of heavy-gauge, steel with smooth flighting for long tube life and high energy efficiency
- Heavy-gauge construction of the tube prevents twisting, wear, and feed entrapment
- Feed drop-out holes handle most types of feed with no separation of ingredients



Auger and tube

### Drive units

- Reliable, energy-efficient, durable feed-drive units are available in your choice of mechanical or proximity switches
- Drive units feature a low-profile design that provides more winching headroom for cleaning



Direct-drive unit

Put it all together, and you've got the **most proven, cost-effective broiler feeding system on the market**. Big Dutchman's systems deliver dependability, low feed conversions, and minimized feed wastage in a **reliable, efficient and affordable package**.

## 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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