



Big Dutchman®



Champion

Chain Feeding System

The proven Champion™ Chain Feeding System improves production and profits.

The Champion™ Chain Feeding System provides superior feed flow in an easy-to-install, low-maintenance, durable package.



CONSISTENT AND RELIABLE FEED FLOW

The Champion Chain Drive is specifically designed to **ensure excellent feed flow and correct sprocket engagement**. The Champion Chain Feeding System consistently outperforms other feeding systems with these benefits:

- Provides increased egg production and better feed conversions
- Accurately measures feed throughout the grow-out cycle
- The Champion 'presents' feed on the top of its flat chain, helping to eliminate risk of bird injury
- Regulates the amount of feed from the hopper, keeping a consistent supply of feed on the chain
- Provides uniform nutrition for every bird



Cover removed for illustration only

CUSTOMIZE TO YOUR NEEDS

The Champion Chain presents feed according to the producer's management schedule—not the manufacturer's schedule. Feed can easily be increased or decreased.



DEPENDABLE AND LONG LASTING

The Champion system features the independent-drive unit. Drive units are separated from the hoppers, helping increase the life of system components.

Studies show improved feed distribution, production, and feed conversions.

Flexible. Efficient. Productive.

Everything you need from the best feeding system available.

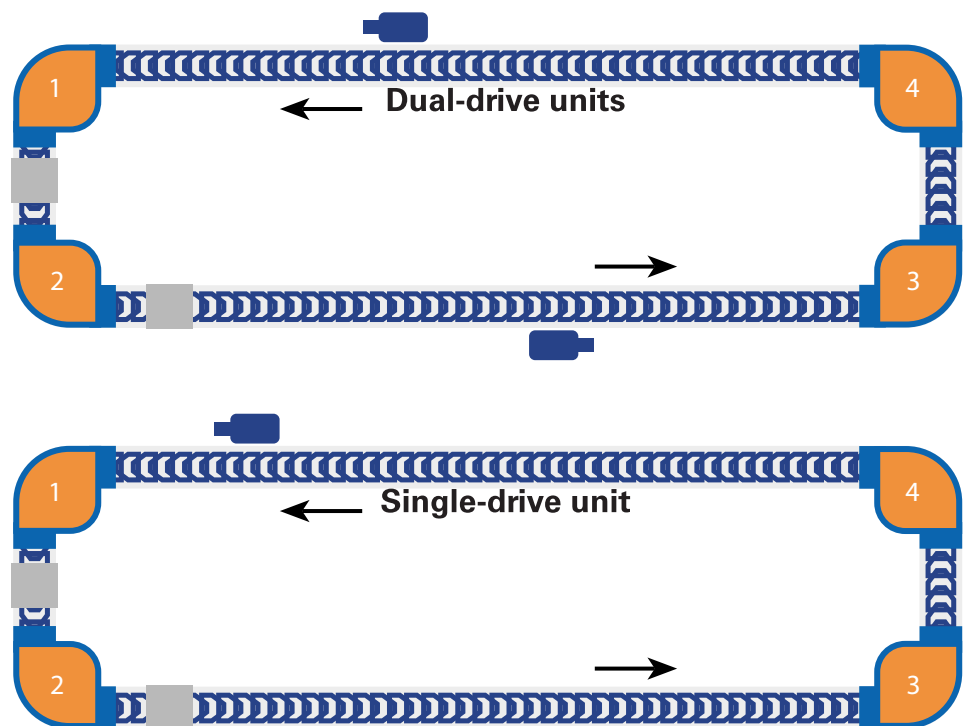
CONFIGURATIONS FOR EVERY HOUSE

Big Dutchman's drive systems are available in a variety of configurations, providing management flexibility. **Load is drastically reduced and the load on all four corners is equal, increasing the life of all components.**

Single and dual-drive systems accommodate a wide range of house lengths. Chain speeds from 40 to 120 feet per minute are available.

FEED CONVERSIONS IMPROVED

Tests comparing chain feeding systems to drag auger systems have revealed the **chain-feeding system's 1.92 feed conversion ratio in the first cycle**, compared to the auger's 1.96 ratio. In the second cycle, the chain feeder produced a 2.14 ratio, compared to the auger's 2.21 ratio.



PRODUCTION INCREASED

Studies also show that chain feeding yields **three more eggs per hen in the first cycle, and two more eggs per hen in the second cycle.**

Chain feeding also provides more uniform feed distribution. A Cornell University study found that with a drag auger, the calcium level of feed dropped 0.57% over 500 feet or 152 m (above the 0.50% change that can adversely affect bird performance). The study showed no significant calcium separation with chain feeding.

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.**



For North, Central and South America please contact:

Big Dutchman, Inc. - USA

3900 John F Donnelly Dr • Holland, MI 49424 • USA

tel +1 616 582 4000 • fax +1 616 392 6188

www.bigdutchmanusa.com • info@bigdutchmanusa.com

Details are subject to change: 12/14

86-00-6038