



Big Dutchman®



Champion™
CHAIN FEEDING SYSTEM

The proven Champion™ Chain Feeding System improves production and profits

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

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.



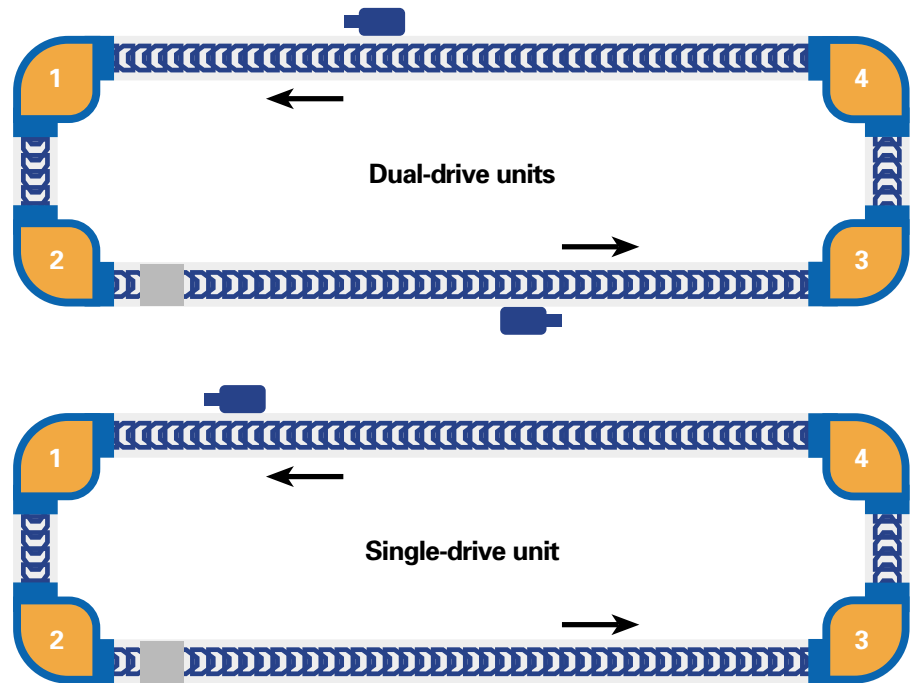
The Champion Chain presents feed according to the producer's management schedule—not the manufacturer's schedule. Feed can easily be increased or decreased.

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

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.**

The center-house dual-drive system accommodates houses over 700 feet (213 m), in a choice of 42, 60, 84, or 120 feet per minute (13, 18, 26, or 37 meters per minute). The single-drive configuration, in a choice of 42, 60, or 84 feet per minute (13, 18, or 26 meters per minute), is ideal for medium houses.



Studies show improved feed distribution, production, and feed conversions

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.**



Big Dutchman

Reliable Big Dutchman components make the system complete

Big Dutchman bulk feed tanks

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



Big Dutchman 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 single or double systems.
- **Customized to meet your needs.**

Big Dutchman 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 feed weigh scales

- **Accurate scales for outside use.**
- Capacities of 5,000 lb. (2,300 kg) and 10,000 lb. (4,600 kg).
- **Scale, feeder, and extension offer an alternative feeding system used inside the building.**

Big Dutchman 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.**



Big Dutchman environmental control systems

- Full line of fans, evaporative pad cooling, and curtain systems.

The choice is chain

Academic studies and 'real-life' observations in houses make it clear— **Champion chain feeding is the obvious choice for improved production and profits.** Contact your Big Dutchman representative to find out why Big Dutchman equipment is the number one choice of poultry producers worldwide.



Big Dutchman®

Germany

P.O. Box 11 63 · D-49360 Vechta · Germany
tel +49 (0) 44 47 801 118 · fax +49 (0) 44 47 801 5118
www.bigdutchman.de · big@bigdutchman.de

USA

P.O. Box 1017 · Holland, MI 49422-1017 · USA
tel +1 616 392 5981 · fax +1 616 392 6188
www.bigdutchmanusa.com · bigd@bigdutchmanusa.com

Asia-Pacific

No. 6B & 6C, Jalan SS 21/62, Damansara Utama
47400 Petaling Jaya · Selangor Darul Ehsan · Malaysia
tel +603 719 0722 · fax +603 719 6543
bdasia@bda.com.my