



**Big Dutchman®**



**UniGROW<sup>®</sup>360**

Broiler Feeding System

# Produce larger birds faster, with better feed conversions

Big Dutchman's UniGROW.360 Broiler Feeding System is a revolutionary, patented pan feeding system that:

- Drastically reduces the time it takes to adjust feed levels
- Improves feed conversion by reducing wasted feed
- Makes it easier to produce larger birds in a shorter period of time

With UniGROW.360, pans are adjusted with a simple turn of the winches, adjusting feed levels simultaneously, accurately, and uniformly. Every pan can be adjusted from a full-flood position to a height you determine—or anywhere in between—in minutes.

## LEVEL FLOORS NOT REQUIRED

Some pan systems need level floors to function properly. Even slightly unlevel floors can cause uneven or minimal feed distribution, which can result in feed waste or migration.

Because the UniGROW.360's feed collar is adjusted with control wire on top of the tube, it doesn't depend on level floors for proper opening and closing. With UniGROW.360, feed levels are consistent, and birds can access feed, regardless of the condition of the floor.

With UniGROW.360 your birds will eat fine feed UniGROW.360 pans are uniquely designed with feed spreaders to deliver a mix of coarse and fine feed to the outside of each pan. Birds can easily eat both coarse and fine feed, ensuring proper nutrition and preventing wasted build-up.

One easy-to-use winch enables simultaneous feed level adjustment of all the pans on a line of up to 250' (76 m), with a simple turn of the crank.

The high-tensile steel rod acts both as a shocker wire (to keep birds from roosting), and a control wire (for pan adjustment). The patented one-wire design simplifies equipment and eliminates the risk of birds' legs getting caught between two wires.

The adjustment line links the control wire to the feed collar. The nylon copolymer line is extremely durable.

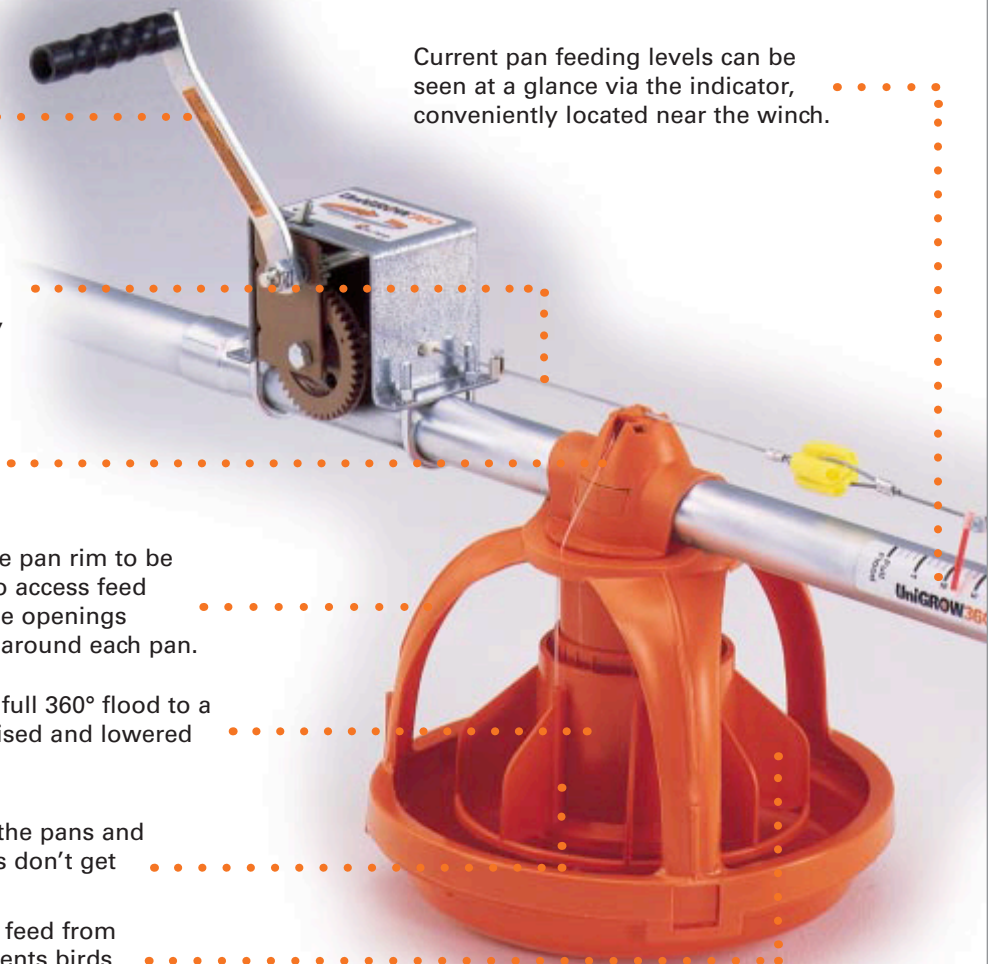
The unique grille design allows more of the pan rim to be exposed, making it easier for small birds to access feed without having to enter the pan. Three large openings between struts allow more birds to gather around each pan.

The feed collar adjusts the feed level from full 360° flood to a predetermined height. The feed collar is raised and lowered with the winch.

Line guides ensure smooth adjustment of the pans and keep the line enclosed in the unit, so chicks don't get tangled in the line.

Unique baffles prevent birds from slinging feed from side to side, while the feed-saver ring prevents birds from flipping feed out of the pan.

Current pan feeding levels can be seen at a glance via the indicator, conveniently located near the winch.





Raising the feed collar to the top allows the pan to flood, providing excellent starts for chicks. Feed flows out in a complete 360° circumference, eliminating competition for feed and the 'valleys' that can trap birds.



Lowering the collar reduces feed flow and helps keep feed in the pan as birds grow. Variable adjustment capability allows for optimum feed levels throughout the growth cycle.



The feed collar is lowered to a preset height for the appropriate finish feed level. Adjustment of the pan's drop allows for eight different minimum feed level settings. The feed level setting is determined according to your birds and feed; it's set during installation and can be changed if needed.



The unique shut-off feature allows any individual pan to be easily shut off, by hand, anywhere along the line.



The durable top cap snaps onto the pan assembly for easy installation and maintenance—there's no need to disassemble the feed line to replace parts

The unique three-strut grille makes it easier for small birds to get to the feed and get a better start. Day-olds can easily get in and out of the pan without getting trapped.

The feed collar is raised or lowered with the winch system, adjusting the feed level from full, 360° flood to minimal feed flow. The integral anti-scratch ring prevents feed from being scratched from the pan, while the feed collar baffles keep birds from slinging feed from side to side.

Multiple minimum feed level settings allow you to custom-set pans. The drop also allows you to shut off feed flow to individual pans. The drop feed spreader disperses feed in a full 360° circumference and keeps feed from becoming stale and being wasted due to fines settling in the middle of the pan.

Pull on two finger tabs and the 13" (33 cm) plastic pan swings down easily for washdown.

UniGROW.360 pans flood in a full 360° circumference, so even day-olds can easily access feed, providing great starts. The UniGROW.360 offers benefits throughout the growth cycle, as birds grow, adjust levels with the turn of a crank.



Birds finish beautifully, with lower feed conversions, since less feed is wasted and feed level adjustments can be made more often with less work.

The UniGROW.360's flooded pans can also help entice birds to move to the non-brood end of the house. Once birds have spread out through the house, simply adjust the pans with the winches. Individual pan assemblies can easily be shut off, if required.



# 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: 4/14

86-00-6069