



# Big Dutchman®



## **FLUXX 330 & 360**

The proven feed pans for successful broiler production

# FLUXX 330 & 360

## Two feed pans, many advantages

FLUXX is a feed pan for broiler growing developed by Big Dutchman. It not only satisfies the needs of day-old chicks but also those of heavy birds during the final grow-out period.

The innovative 360° flooding mechanism ensures a high feed level in the pan during the chicks' first days in the house – without causing any additional work!

As the birds grow, the entire line of feed pans is raised according to the birds' age and size. The flooding mechanism closes automatically and the feed level drops, reducing feed wastage to an absolute minimum. FLUXX is available in different versions depending on your needs:

- pan diameter: 330 or 360 mm
- FLUXX 330 with 5 or 14 grille bars

- FLUXX 360 with 8 or 16 grille bars
- with deep or flat, sectioned dish
- FLUXX 330 with overflowing mechanism
- with or without FlexLED glo
- with or without sliding shut-off

This feed pan is a must for every professional broiler producer.



Filled FLUXX 330 feed pan with sectioned dish

## FLUXX 330 with overflowing mechanism



The specifically developed FLUXX 330 feed pan can be overfilled for an ideal chick start

Our well-proven FLUXX 330 feed pan is now available with an innovative **overflowing mechanism!**

Without any additional work, the feed pan is automatically overfilled so the day-old chicks find the feed more easily and almost immediately. To stop the overflow, the Augermatic line just needs to be raised slightly, which closes the overflowing mechanism.

This facility can also be retrofitted for existing feed pans by simply replacing the inner and outer cylinder.

The advantage for broiler producers is that manually distributing feed on chick paper is no longer necessary.

## Advantages

- 1 The pan is flooded when it stands in the litter or on the ground.  
→ **high feed level, ideal for day-old chicks**
- 2 The pan is not flooded when it is suspended.  
→ **low feed level**  
→ **always fresh feed in the pan**  
→ **virtually no feed wastage**
- 3 Screwless snap-on system → **easy and fast assembly**
- 4 The feed level can be adjusted easily and securely using a triple thread (patents EP no. 1458231, EP no. 1458232).  
→ **no accidental changes possible**
- 5 Flexible grille bars  
→ **birds can eat without barriers**  
→ **day-old chicks can easily enter and leave the pan**
- 6 The large feed-saving lip is curved inwards.  
→ **virtually no feed wastage**
- 7 The pan rim has a smooth profile.  
→ **no breast bruises in the final grow-out period**
- 8 The baffles turn together with the outer cylinder.  
→ **virtually no feed wastage**  
→ **easy and thorough cleaning**
- 9 The pan dish can be opened up. → **thorough cleaning**
- 10 The flat pan dish is divided into sections.  
→ **ideal for day-old chicks with a low layer of litter**
- 11 The V-shaped pan dish sits deep in the litter.  
→ **ideal for day-old chicks with a higher layer of litter**
- 12 The pan can swing freely or be fixed to the pipe as an option  
→ **animal welfare**
- 13 Sliding shut-off → **closes the feed pan**

FLUXX 330 with flat, section

Only possible



The feed only flows when the pan is on the ground



The day-old chicks immediately find the feed and are animated to eat from the pan

Shallow dish: flooded  
in standing position



**FLUXX 360** with deep dish: not flooded  
Suspended position



## FlexLED glo: the lamp in the feed pan



FlexLED glo in FLUXX 330

FlexLED glo is a very small LED lamp that is installed in the central cylinder of the feed pan.

As well as older broilers, the illumination makes it easier for chicks, especially, to find feed during the first days in the house. This ensures an ideal chick start. In a best-case scenario, chick paper might not be necessary at all.

## iDOL 29: the illuminated feed sensor for control pans

Our smart iDOL 29 feed sensor registers the feed level in the second to last feed pan, the control pan. The integrated illumination is a new and very beneficial feature.

An illuminated control pan ensures that the birds always empty this pan, guaranteeing a new supply of fresh feed for the entire Augermatic line.

iDOL 29 is connected to the translucent inner cylinder, so no additional assembly work is required. The sensor settings, for example its sensitivity, delay times or a timer function, can easily be configured using a smartphone app. An NFC chip integrated in the smartphone reads the data provided by iDOL 29.



## Even greater animal welfare in broiler houses

Animal-friendly management systems are increasingly required, both now and for the future. Big Dutchman offers a wide range of additional products for improved animal welfare in broiler houses. This includes:

- the use of straw or hay baskets;
- elevated resting areas or A-racks;
- litter boxes.

The folding A-racks 5800 from Big Dutchman are made entirely of metal. A total of five perches are mounted on four cross members at different heights. This means that even young birds can easily “take a seat”. Each A-rack generates 29 m of perching space. The elevated resting areas by Big Dutchman are made entirely from plastic. They are easy to set up and to remove. Thorough cleaning is also not an issue. The birds find it easy to get onto the platform, which is 330 mm high. The standard dimensions are 3448 x 750 mm,

i.e. the platform has a surface area of 0.878 m<sup>2</sup>. Broilers are very interested in baskets filled with hay or straw. These baskets are easy to suspend from the ceiling. When the house is depopulated, the baskets can simply be removed.

For more detailed information about these and other welfare products, consult the separate flyer on welfare products for broilers.



A-rack 5800 – code no. 83-13-8698



Elevated resting area – code no. 15-22-5086



Straw or hay basket – code no. 65-97-3530

## Technical data of the Augermatic conveying system

- Hopper with feed container capacity approx. 115 L / 75 kg
- Extension for feed hopper capacity approx. 38 L / 25 kg
- Maximum system length 150 m
- Feed pipe with 2, 3, 4 holes diameter 45 mm
- System length 3000 mm + sleeve coupling
- Drive unit 0.37/0.55 kW, 230/400 V, 50 Hz, 3 phases, 325 rpm special voltages upon request
- with gear motor approx. 450 kg/h
- Conveying capacity up to 4 mm
- Pellet size central ceiling winch, manual or with motor
- Suspension



# Reference values for the use of the FLUXX 330 and FLUXX 360 feed pans

## FLUXX 330

good price : performance ratio per feeding space



### Code no. 11-31-4773

- 5-arm grille: very good access to the pan
- deep dish for more feed in the pan



### Code no. 11-31-4774

- 5-arm grille: very good access to the pan
- flat, sectioned dish: easy access to the feed, especially with a low litter layer



### Code no. 11-31-4771

- 14-arm grille: minimal feed wastage
- deep dish for more feed in the pan



### Code no. 11-31-4772

- 14-arm grille: minimal feed wastage
- flat, sectioned dish: easy access to the feed, especially with a low litter layer



### Code no. 11-31-4788

- overflowing mechanism
- 14-arm grille
- flat, sectioned dish

## FLUXX 360

10% more feeding space → 1 feed line less\*



### Code no. 11-31-4680

- 8-arm grille: very good access to the pan
- deep dish for more feed in the pan



### Code no. 11-31-4780

- 8-arm grille: very good access to the pan
- flat, sectioned dish: easy access to the feed, especially with a low litter layer



### Code no. 11-31-4670

- 16-arm grille: minimal feed wastage
- deep dish for more feed in the pan



### Code no. 11-31-4770

- 16-arm grille: minimal feed wastage
- flat, sectioned dish: easy access to the feed, especially with a low litter layer

\* Specific house widths in combination with FLUXX 360 may reduce the number of feed lines by one.

All versions are optionally available with a sliding shut-off and/or as illuminated feed pan with FlexLED glo.

| Final weight broilers | Birds/pan FLUXX 330* | Birds/pan FLUXX 360* |
|-----------------------|----------------------|----------------------|
| up to 1.5 kg          | approx. 100          | approx. 117          |
| up to 2.0 kg          | approx. 85           | approx. 94           |
| up to 2.5 kg          | approx. 70           | approx. 79           |
| up to 3.0 kg          | approx. 66           | approx. 70           |
| up to 3.5 kg          | approx. 55           | approx. 63           |

## Applicable for FLUXX 330/360:

### Broiler growing – ad libitum feeding

- 1 feed line per 4 to 5 m house width, i.e.
- 9 to 12 m house width → 2 feed lines
- 12 to 15 m house width → 3 feed lines
- 15 to 18 m house width → 4 feed lines

## Pullets 1.3 to 1.5 kg live weight\*

Fluxx 330: 60–45 birds/pan

Fluxx 360: 68–51 birds/pan

## Layers 1.8 to 2.2. kg live weight\*

Fluxx 330: 45–30 birds/pan

Fluxx 360: 51–34 birds/pan

## Turkeys and ducks up to 2.0 kg\*

FLUXX 330: approx. 85 birds/pan

FLUXX 360: approx. 94 birds/pan

\* These figures are average values and can vary depending on the breed, stocking density and climate. Regional reference values must be considered.



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