



Big Dutchman®



AugerMatic

The feeding system for successful poultry growing

AugerMatic – a universal feeding system that allows success

A feeding system for poultry growing must meet very high standards – depending on feed distribution (ad libitum or controlled feeding) and age and type of birds. The system has to satisfy the needs of day-olds as well as those of heavy birds. Easy

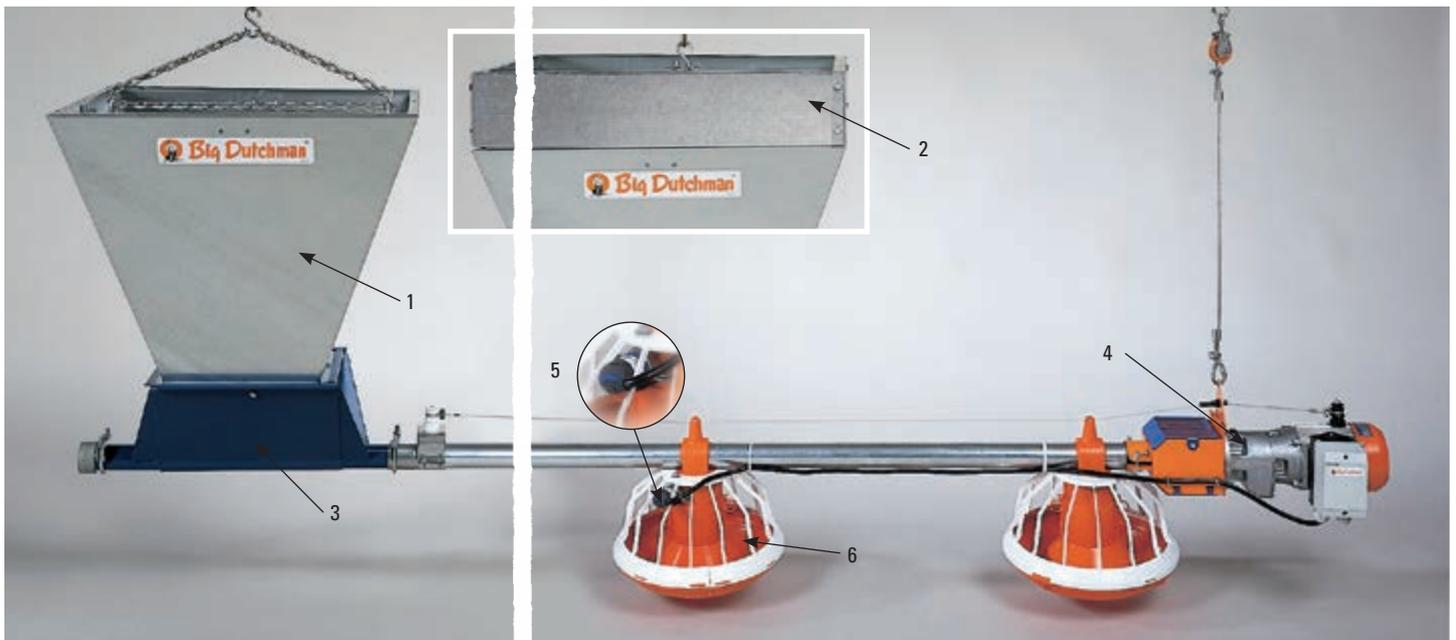
access to the feed and avoidance of feed wastage are of great importance. To meet these requirements the best possible way, we offer our customers a variety of feed pans that can all be filled with feed by means of the renowned AugerMatic

conveying system:

- ✓ BigPan 330
- ✓ BigPan Plus
- ✓ MultiPan
- ✓ MultiPan Plus

The AugerMatic system consists of:

- ✓ lower part and upper part of feed hopper
- ✓ extension for feed hopper
- ✓ tube with conveying auger
- ✓ feed pan
- ✓ drive unit with sensor for automatic
- ✓ stopping of conveying auger
- ✓ suspension system with winch
- ✓ anti-roost wire



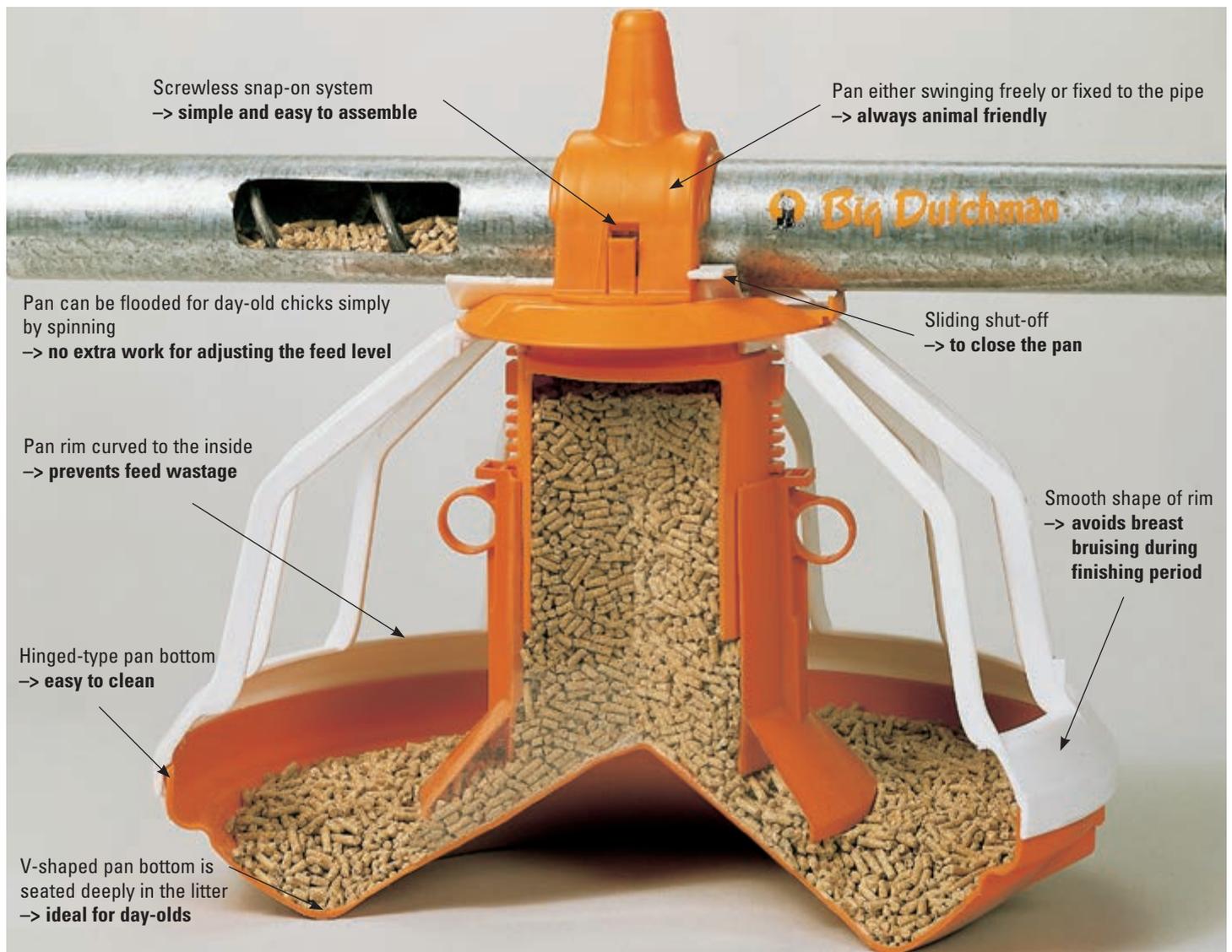
The upper part of the feed hopper (1) without or with extension (2) is easy to detach from the lower part (3). Thus, the entire system can be winched all the way to the ceiling. This allows for maximum height beneath the feed pans during manure removal. The rugged drive unit (4) and strong auger permit a conveying length of up to 150 meters. As soon as all pans are filled with feed, the sensor (5) at the control pan (6) automatically switches off the unit.



Heat can be supplied to broilers by a hot-water heater – Big Dutchman's HeatMaster

Successful rearing and growing of broilers, ducks, turkeys and other

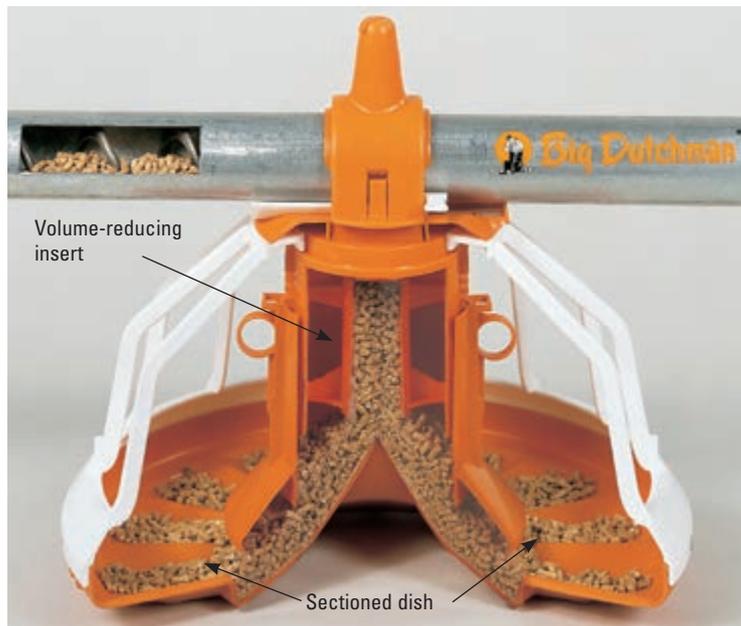
BigPan 330 – the well-proven feed pan for broiler growing



HYGIENE is of utmost importance. Just point the high-pressure cleaner into the pan so the pan starts to rotate. To dry the pan, simply unhinge its bottom. There are no crevices for dirt.



BigPan Plus for controlled growing of broilers and rearing of ducks



Especially birds of more than 2 kg live weight can receive controlled feeding today. In this way, the development of the cardio-vascular system and the skeleton can keep pace with the increase in weight. An essential prerequisite for controlled feeding is that the feeding system distributes the feed **rapidly** throughout the entire house upon each feeding time. AugerMatic with BigPan Plus is ideally suited for this purpose. The volume reducing insert in combination with the sectional dish reduces the feed volume by approx. $\frac{2}{3}$. This allows filling the pans of one line with feed very rapidly.

- less damage to the skeleton, less leg and foot problems;
- improved feed conversion due to smaller fat deposits and lower mortality rate;
- precise attainment of the bird weights desired for the day of slaughter.

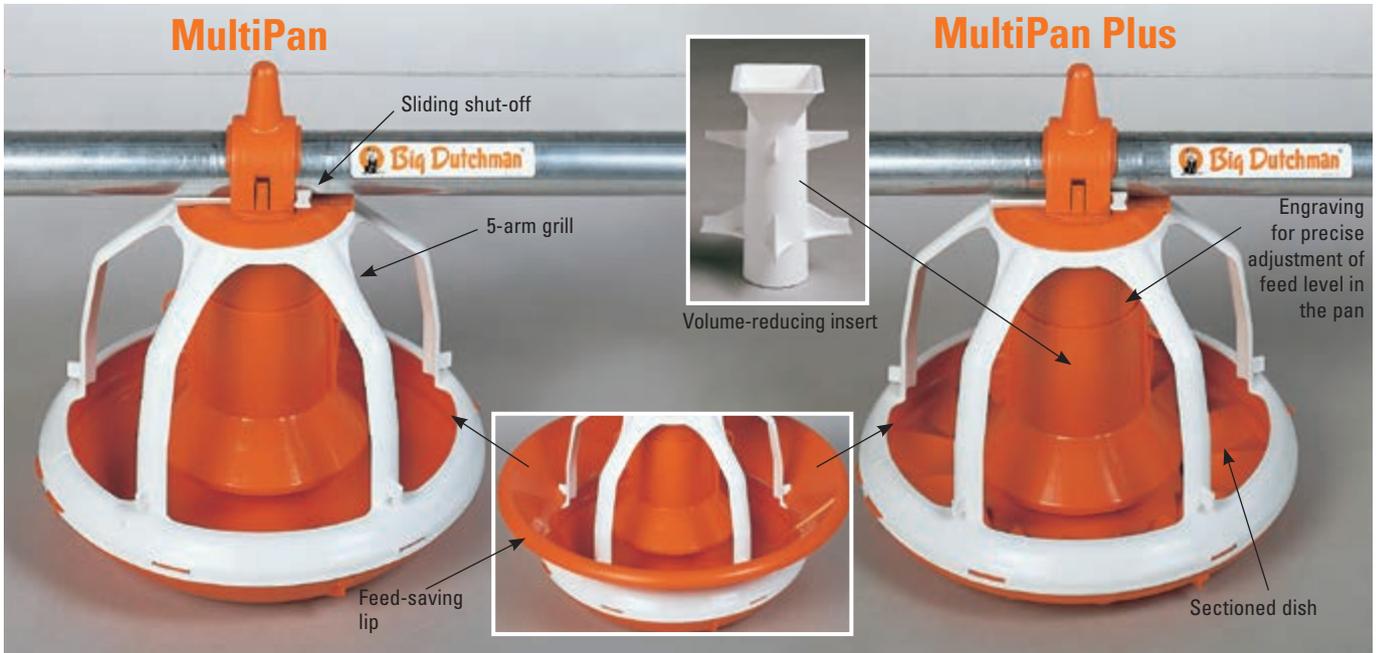


BigPan Plus is also suited for rearing ducks up to a weight of 2.5 kg. The shallow sectioned dish provides an optimum start for the ducklings, only requires a small layer of litter and prevents feed losses. Furthermore, ducks can very easily feed from the pan due to its sections. The grill prevents birds from entering the pan, and thus keeps the feed unsoiled. BigPan 330 and BigPan Plus can also be used for rearing pullets and for feeding layers.



Supplementary wheat feeding can be a good alternative in growing broilers for saving feed costs and for improving the birds' health. The technical requirements for this are a second silo, the FW 99-B feed weigher, conveying augers (FlexVey) from the silo to the weigher and to the feeder as well as the ViperTouch production computer. ViperTouch allows continuous adjustment of the portion of wheat to the total ration according to the birds' development. Feed is mixed with wheat via the weighing drum and the collecting basin.

Flexible feed pans for rearing and growing



MultiPan and MultiPan Plus can be used with or without feed-saving lip; volume-reducing insert is necessary for controlled feeding



Using MultiPan for rearing turkeys



Using MultiPanPlus for growing ducks

Do you want to face the changing requirements of the poultry meat market and be flexible in reacting to these requirements?

Then you should choose Big Dutchman MultiPan or MultiPan Plus feeders. These feed pans were specially designed for alternative growing of broilers, turkeys, ducks and other growing poultry (guinea fowl, pheasants, geese) up to a live weight of 12 kg. Depending on the type of bird and feeding (ad-libitum or controlled), MultiPan or MultiPan Plus is the right pan for your house.

For growing poultry up to approx. 2.5 kg live weight as well as for rearing turkeys and ducks, the pans are used without feed-saving lip.

From a live weight of approx. 2.5 kg upwards, the lip can be installed to minimise feed losses. For controlled feeding, place a volume-reducing insert into MultiPan Plus, reducing the feed volume by approx. $\frac{2}{3}$ in combination with the sectioned dish. This ensures rapid and uniform filling of all pans in one line immediately at the start of feeding. Both pans are equipped with a sliding shut-off.

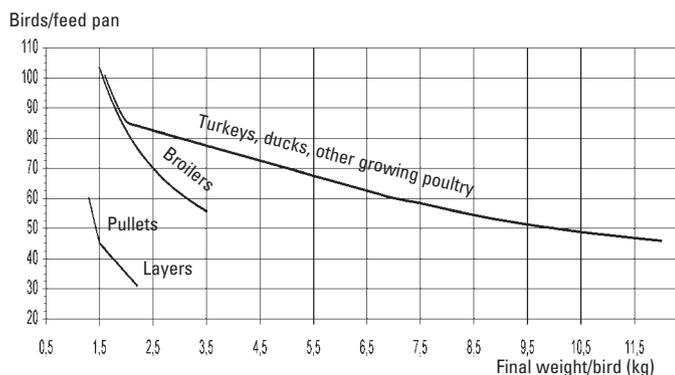
The sectioned dish is ideally suited for ducks, since they can feed easily due to the shape of their beak.

Areas of application of the different feed pans

Production type	Weight (kg)	BigPan 330	BigPan Plus	MultiPan	MultiPan Plus
Broiler growing	0-3.5	✓ ad libitum	✓ controlled	✓ ad libitum	✓ controlled
Pullet rearing	0-1.4	✓ ad libitum	✓ restricted		
Laying hens	1.4-2.2	✓ ad libitum	✓ ad libitum	✓ ad libitum	
Turkey rearing	0-2.5			✓ ad libitum	✓ controlled
Turkey growing*	2-12			✓ ad libitum	✓
Duck rearing	0-2.5		✓ ad libitum	✓ ad libitum	
Duck growing	2-3.5			✓ ad libitum	✓ controlled
Other growing poultry*	0-12			✓	✓
Height of pan rim (mm)		76	61	71/127*	56/112*

* From a live weight of 2 kg upwards only use pans with feed-saving lip.

Guide values for the number of birds per pan



The bird numbers shown in the diagram are average values and can vary depending on the breed, stocking density and climate. Please also seek advice from your bird supplier. Differing regulations depending on the specific country should also be considered.

In general:

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

Pullet rearing: 1.3-1.5 kg live weight: 60-45 birds/pan

Layer management: 1.8-2.2 kg live weight: 45-30 birds/pan

In case of restricted or controlled feeding: 25-30 % less birds per pan.

Technical data of the conveying system

- Upper & lower part of feed hopper content approx. 115 l / 75 kg
- Extension for feed hopper content approx. 38 l / 25 kg
- Max. system length 150 m
- Feed tube with 2, 3, 4 holes Ø 45 mm
- Length of tube 3,000 mm + sleeve coupling
- Drive unit 0.37/0.55 kW, 230/400 V, 50 Hz, 3 phases, 325 rpm special voltages upon request
- Conveying capacity approx. 450 kg/h
- Size of pellets up to max. 4 mm
- Suspension central ceiling winch: as manual or motor winch



Picture of a house with AugerMatic lines



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