



VDL AGROTECH



MOST ACCURATE FEEDING SYSTEM
MATRÌX
EXCLUSIVELY FOR MALES

INNOVATIVE LIVESTOCK TECHNOLOGY



FEED LEVEL REGULATOR



UNIFORM FEEDING TIME

MATRIX

ANIMAL WELFARE AND PERFORMANCE

The Matrix feeding system for males improves animal health and welfare, as there is more space and comfort for the males. The males eat simultaneously and receive equal portions of feed. They eat side by side, this is less stressful for males and females. There is less selective feeding behaviour, better continuity and stability and a positive effect on hatchability and fertility.

ACCURATE AND SLOWER FEEDING

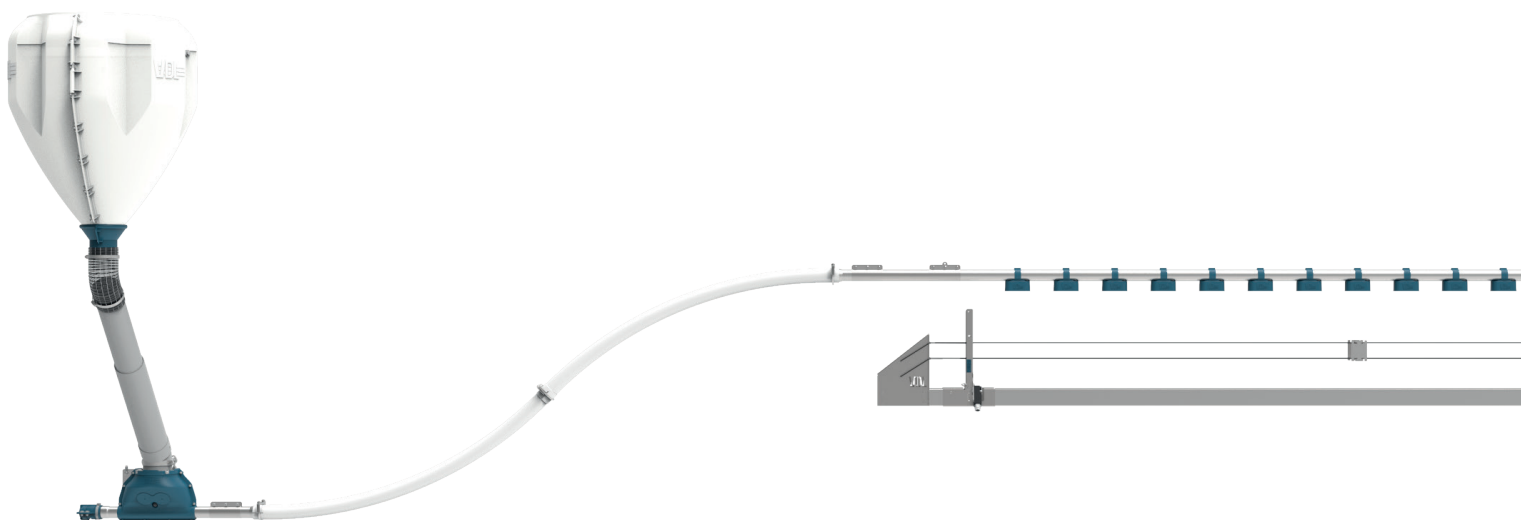
The daily portion is completely dosed before feeding. This ensures uniform and accurate feed distribution along the whole length. Feed can be weighed accurately. The ball valve set closes the suspended storage funnel automatically. The feed intake is slower. This contributes to better uniformity.

FLOOR SPACE EFFICIENT SYSTEM

The Matrix is a very compact and space-efficient system and can house approximately 30% more birds, based on a layout of 15 x 100 metres. An S-bend can be installed in houses where height is limited and for middle lines. This makes the Matrix a suitable system for any type of poultry house.

NATURAL WEAR OF UNTREATED BEAKS

The abrasive coating on the inlay strips offers the possibility for a balanced prevention of overgrown beaks. The wear can be controlled by the opening time of the feed trough. The inlay strip is easily removed. Males spend more time eating with the inlay strip, limiting pecking damage and therefore contributing to the welfare of the animals.



➤ FLEXBIN, IMPACT-RESISTANT HDPE TRANSPARENT STORAGE FUNNEL

- Lightweight: weighs only 6.1 kg
- Contour of feed is clearly visible
- Easily to be shortened, if height is limited
- Various accessories, galvanised cover, extension to increase hopper capacity, clamping ring

➤ DOSING CUPS

- Unique telescopic design
- Even feed distribution
- Very accurate dosing of the feed
- Suitable for all feed types

➤ FEED TROUGH

- Starter trough includes tensioners for the anti-perch wires
- End trough includes end sensor
- Standard size of the feed trough is 3 metres, other sizes are available on request
- Abrasive inlay strip optionally available for natural wear of the untreated male beaks

➤ TROUGH COUPLER PIECES AND FEED LEVEL REGULATOR

- Feed portion easily adjustable with 10-position feed level regulator
- Feed trough is not accessible for the males during dosing
- Daily feed quantity is completely dosed into dosing cups
- After dosing, the trough with the feed is automatically lowered to the correct feeding height, so that all the males can eat simultaneously

➤ CABLE OR TUBE WINCHING

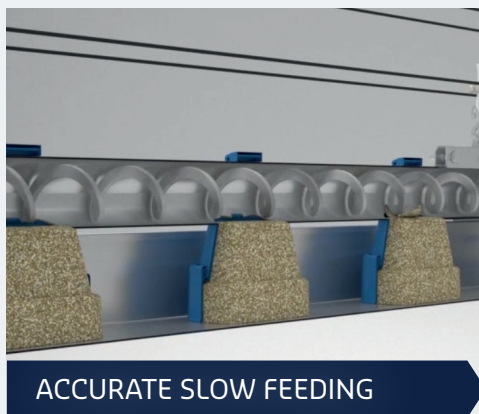
- Winchable by means of central main cables or rotating tubes
- Attachment to wall or ceiling
- Counterweights for proper alignment of the dosing tube

➤ CONTROLLER

- Switch rail is required for daily winching, can be set to filling height and feeding height
- Various control panels available
- Control panels with HP-200kg hopper weighing, choice depends on number of Matrix feeding lines
- HP-200kg hopper weighing for weighing storage funnel and automatic feed dosing

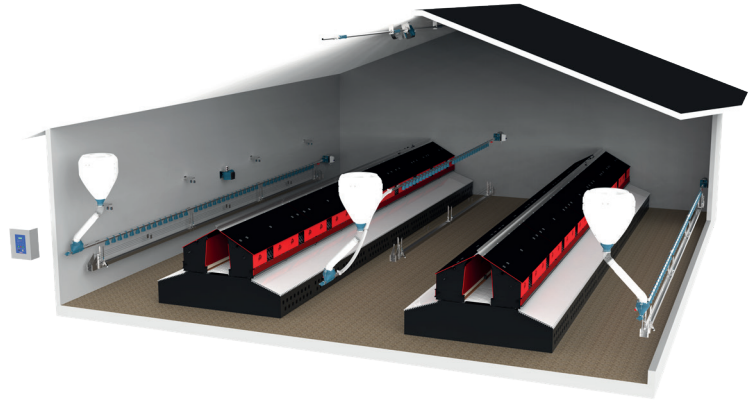


FLEXBIN



MATRIX

- Simultaneous and easy access to feed
- Equal portions of feed for all males
- Better control and selection possibilities
- Less stress among birds
- Better performance and animal welfare
- Space-saving due to compact design
- Efficient and user-friendly operation



TECHNICAL DETAILS

Density		
Matrix line positioned against wall	5 - 6 birds /meter	Accessible from 1 side
Matrix line positioned in the middle	8 - 10 birds / meter	Accessible from 2 sides
Feed trough		
Type	Matrix U-shape	
Optional	Abrasive inlay strip	Natural wear beaks
Dosing system		
Feed level regulator	Adjustable in 10 levels	
Minimum level feed density (0.75 kg/L)	70 grams / portion	Suitable for all feed types
Maximum level feed density (0.75 kg/L)	200 grams / portion	Suitable for all feed types
Transport system		
Drive unit	0.18 kW	
Rotations	105 rpm	
Capacity	Approximately 135 kg/hour	
Diameter feeding tube	44.5 mm	
Maximum length feeding line/ drive unit	Approximately 100 metres	>100 metres with double hopper

WANT TO KNOW MORE?

Do you want to know more about our breeder solutions? Scan the QR-code to visit the website and watch the product-specific videos, or contact us via the details on the right side.



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