

Spin Feeder



SPIN FEEDING

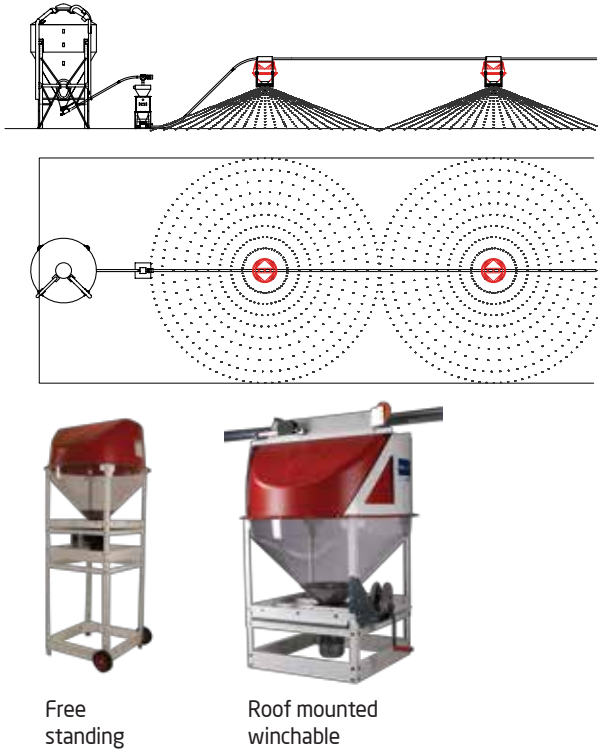
Broiler breeder performance can be influenced by many factors, feeding being a major consideration. Floor feeding offers certain advantages; increased flock uniformity, improved litter condition and the reduction of physical damage to legs.

The Spin Feeding System rapidly distributes feed over a large circular area, instantaneously providing an equal distribution of pellets, reducing flocking and competitive stress at feeding time. It is the superior accuracy and consistently even feed distribution that is key to the success of the feeders.

HOW THE SPIN FEEDER WORKS

Pelleted feed is delivered to the storage hopper of the spin feeder by overhead conveyor. The feed can either be supplied in pre-weighed batches via a in-line electronic batch weigher or the spin feeder hopper can be filled to capacity and the feed metered on a volumetric basis by running the feeder for a fixed time span.

Each feeder has a variable drive motor which regulates the spread pattern of the feed. This can easily be adjusted to suit house size. Spin feeders are only suitable for pelleted feed stuffs with a maximum diameter of 6 mm and a maximum length of 20 mm.



BENEFITS

UNIFORM GROWTH: Birds achieve point of lay at the same time. Feed is broadcast over a large area allowing all animals equal access to feed.

MINIMISES STRESS: Reduced flocking minimises stress during feeding.

LOW COST SYSTEM: Each dispenser can feed a large number of animals.

LABOUR SAVING: Automatic operation; spin feeder dispensers are replenished automatically.

EASY TO USE: One central control unit, the amount of feed dispensed is simply adjusted by automatically batching set weights to each feeder or by varying Spin feeder running time. Can be fully automated.

RELIABLE OPERATION: Premium quality components, Plasteel™ (plastic coated steel) frame with durable plastic body, clear cone and stainless steel internal parts.

PERSONNEL: Not associated with feeding time therefore able to move more freely amongst the animals.

CONFORMS TO WELFARE CODE: Encourages animals natural behaviour-freedom of movement promotes healthy condition.

EASILY ADAPTED TO MOST TYPES OF BUILDINGS:

Can be installed high up to avoid cleaning out machinery. Roof Mounted or Free Standing options available.

VERMIN PROOF: Hygienic easy clean materials assembled in a fully sealed system maintains feed freshness.

Feeders may be detached from the roof mounted conveyer and lowered for easy cleaning.

SAFE OPERATION: No risk of injury from moving parts, spinner plate is enclosed to deny personnel access. All cleaning is performed at ground level minimising work at height.

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Spin Feeding for Poultry



Economic, stress free feeding for broiler breeders that delivers uniform growth.

Benefits

Uniform Growth:

Birds achieve point of lay at the same time. Feed is broadcast over a large area allowing all birds equal access to feed.

Minimises Stress:

Reduced flocking minimises stress during feeding.

Low Cost System:

Each dispenser can feed a large number of birds.

Labour Saving:

Automatic Operation; SpinFeeders are automatically replenished after feeding to ensure problem free feeding the following day.

Easy to Use:

Simply adjustable by automatically batching set weights to each feeder via digital or rotary control panel.

Reliable Operation:

Quality components, frame manufactured from premium high tensile, galvanised steel frame.

Personnel:

Not associated with feeding time therefore able to move more freely amongst the birds for improved management.

Conforms to Welfare Code:

Encourages birds natural behaviour-freedom of movement promotes healthy condition.

Easily Adapted to Most Types of Buildings:

Can be installed high up to avoid cleaning out machinery. Roof Mounted or Free Standing options available.

Vermin Proof:

Hygienic easy clean materials assembled in a fully sealed system maintains feed freshness. Feeders may be detached from the roof mounted conveyor and lowered for easy cleaning.

Options on Controls:

Choose between a simple rotary control panel for daily manual feeding, or a fully automated, digital feed management system.



Broiler breeder performance can be influenced by many factors, feeding being a major consideration. Floor feeding offers certain advantages; increased flock uniformity, improved litter condition and the reduction of physical damage to legs.

The Tavsan Spin Feeding System rapidly distributes feed over a large circular area, instantaneously providing an equal distribution of pellets, reducing flocking and competitive stress at feeding time.

It is the superior accuracy and consistently even feed distribution that is key to the success of the Tavsan feeders.

Specification

Shell Capacity of 228kg @ 650kg/m³

Self Weight (without feed)

- Floor Mounted: 56kg
- Roof Mounted: 72kg

Feed Spread Pattern

- Variable from 5m-20m max
- Even Distribution

IP66 Electrical Ingress Protection (Power Washing)

- Spinner Motor
- Feed Outlet Actuator
- Enclosure (Inverter & I/O Board)

0.37kW Spinner Motor

Additional System Requirements

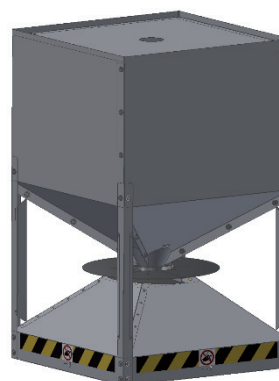
- Auger - Rotaflex 75mm, 75mm o/d, wall 3.2mm
- Spiral - 60mm o/d, 36mm i/d
- Electronic Batch Weigher
 - Max Weigher Chamber Capacity: 40kg @ 650kg/m³
 - Max Weigher Chamber Load Volume: 0.075m³
 - Number of Load Cells: 2
 - IP Rating: IP54 (Dust / Water Splash)

Spin Feeding is Versatile

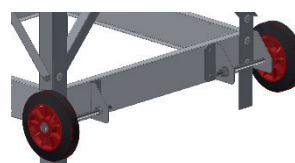
Models are available to accommodate both new and existing buildings.



Free standing



Roof mounted



Optional wheel kit

How the Spin Feeder works

Pelleted feed is delivered to the storage hopper of the spin feeder by overhead conveyor. The feed can either be supplied in pre-weighed batches via an in-line electronic batch weigher or the spin feeder hopper can be filled to capacity and the feed metered on a volumetric basis by running the feeder for a fixed time span.

Each feeder has a direct drive motor which regulates the spread pattern of the feed, this can easily be adjusted to suit house size. Spin feeders are only suitable for pelleted feedstuffs with a maximum diameter of 6mm.

