

# Spin Feeding for Poultry

Collinson 

The most simple and effective feeding solution for uniform growth of parent and grandparent stock.

## Why is Spinfeeding the key to uniformity?

It's all down to the perfect spread pattern. The unique design of our UniSpread plate inside the Spinfeeder guarantees the optimum spread giving all birds equal access to feed at the same time, reducing stress and flocking during feeding which is proven to have a negative impact on growth, health and uniformity.

## Benefits

### Labour Saving

Spinfeeders are re-filled automatically via a conveyor after feeding to ensure problem free feeding the following day.

### Simple controls

Batched feed amounts can be set and easily adjusted using a simple rotary control or a fully automated, digital feed management system.

### Reliable Operation

Premium quality components, frame manufactured from premium high tensile, galvanised steel frame in a Plasteel™ (polymer based colour coating system) finish. Durable plastic body parts and transparent lower cone section to allow visual inspection before feeding.

### Flexible Installation Options

Roof Mounted or Free Standing models available to suit all building designs. Both models are designed with easy shed cleaning in mind.

### Conforms to welfare code

Scratching for feed encourages the birds natural behaviour and promotes healthy muscle condition

### Personnel

Staff are no longer associated with feeding and so can move freely throughout the shed during daily stock checks.

### Vermin Proof

The Spinfeeder is manufactured from hygienic easy clean material, fully sealed to maintain freshness of feed.

### Safe Operation

All moving parts are enclosed to remove all risk of injury to personnel.



## Spinfeeding for optimum uniformity

An even distribution of feed creates a stress free feeding environment because of equal access to feed.



FG5 - Good distribution



FG6 - Great distribution

## Specification

Feed Capacity of 287kg @ 650kg/m<sup>3</sup>

- 150mm Extension Ring, add 75kg
- 300mm Extension Ring, add 150kg

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
  - 60mm o/d, 36mm i/d
- **Electronic Batch Weigher**
  - Max Weigher Chamber Capacity: 40kg @ 650kg/m<sup>3</sup>
  - Max Weigher Chamber Load Volume: 0.075m<sup>3</sup>
  - Number of Load Cells: 2
  - IP Rating: IP54 (Dust / Water Splash)

Also available from Collinson. Ask the team for more information.

## 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 Collinson 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.

