



CHICKSORT 4.0

**Foodmate production control, grading and distribution systems** make sure industrial processes are carried out efficiently, consistently and with as little variation as possible. They help maintain throughput, quality, yield and efficiency. Production control, grading and distribution systems measure, monitor and control manufacturing processes and activities. They identify and help users to correct any abnormalities or variations from specified values, either manually or automatically. The aim is to make sure that production is consistent and that as little product is wasted as possible.



Processing plants can rely on the ChickSort continuous replanning algorithms to ensure that the best decision is made for every bird, keeping production consistent and minimizing product waste.

With seamless integration to Foodmate Flexible Cut-up Systems, ChickSort 4.0 has been designed to control weighing, distribution, InVision quality grading, and Flexible Cut-up Systems. ChickSort 4.0 can also connect to the Duravant ONSIGHT™ IIoT Platform, giving complete visibility of the entire whole bird, cut-up and deboning process.

foodmateglobal.com

The Netherlands (HQ) · USA · UK · Poland · China · Brazil



CHICKSORT 4.0

An Intelligent Decision For Every Bird







VISION AND GRADING

## CHICKSORT 4.0

POULTRY GRADING FOR THE 21ST CENTURY

THE BEST DECISION FOR EVERY BIRD

### The Strength of Foodmate Production and Distribution Control Solutions

**Foodmate Production Control, Grading, and Distribution Systems** accurately measure, control and monitor manufacturing processes and activities. Our intuitive user interfaces allow production managers to easily translate complex production requirements into highly efficient production recipes, which correct and adapt abnormalities or variations from specified values.

Processing plants can rely on the ChickSort continuous replanning algorithms to ensure that the best decision is made for every bird, keeping production consistent and minimising product waste.

**Next generation ChickSort 4.0** builds on the global leading ChickSort family of weighing, grading and distribution controls, setting a new standard as the most advanced user-friendly, graphics-based grading and distribution software on the market.

### CHICKSORT 4.0 Dashboard

The advanced Dashboard indicates at a glance:

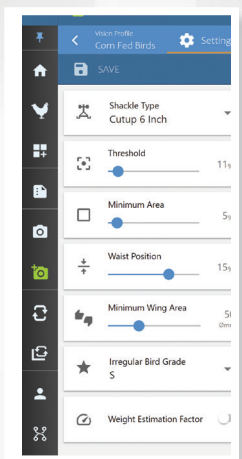
- ✓ Current production
- ✓ Combined piece rate
- ✓ Total piece production
- ✓ Automatic weight band widening
- ✓ Individual line histogram
- ✓ Total production histogram
- ✓ Grade performance graph
- ✓ Average bird weight
- ✓ Whole bird weight spread
- ✓ Individual line speeds
- ✓ Hanging efficiency
- ✓ Hanging efficiency per line and combined

### ChickSort 4.0 is the new standard in Production Control, Grading and Distribution Solutions.

- ✓ HTML5, browser-based platform, enabling simple multi-site visibility.
- ✓ Improved sorting engine - ChickSort assigns “the best decision for every bird”, replanning continuously based on any changes to recipe, weight, grade or changing condition.
- ✓ Improved, faster recipe & InVision system management.
- ✓ Higher performing InVision engine. Improved vision analysis, particularly skin tear management and different profiles, such as dyed birds.
- ✓ Improved line builder tool with integrated line configuration import tools from ChickSort 3
- ✓ Integrated local dashboards for Foodmate deboning machines.
- ✓ Improved user interface with streamlined, simple settings update tools.
- ✓ Better long term software security support.
- ✓ Integration with Duravant ONSIGHT™ IIoT Platform.

### INVISION DETECTION Parameters

- ✓ Skin flaws/barking
- ✓ Single leg hang
- ✓ Physical size
- ✓ Broken wings
- ✓ Missing parts
- ✓ Hock length
- ✓ Hock burn
- ✓ Bile stain
- ✓ Bruises
- ✓ Feathers
- ✓ Organs
- ✓ Missing shackle detection



Enabling seamless control of Foodmate Flexible Cut-up Systems, ChickSort 4.0 integrates with Foodmate deboning machines and data management systems to deliver complete visibility of the entire cut-up and deboning process.

