MULTIPOND

WEIGHING TECHNOLOGY

ARGUS CAMERA SYSTEM: KEEPING AN EYE ON YOUR PRODUCT

INTELLIGENT 3D CAMERA SYSTEM FOR PROCESS SUPPORT

FASTER, SAFER, MORE PRECISE

FOR MAXIMUM PROCESS RELIABILITY

3D cameras supply basic data for automatic adjustments in the feeding process. The same is true for the **ARGUS camera from MULTIPOND.** The patented camera system optimizes the feeding of the product on the weigher, improves distribution, and ensures controlled filling of the weigh hopper.

Optimizing the product flow effectively reduces the feeding times and the number of overfills. The result is a greater variety of combinations, even for products that are difficult to convey such as salad ingredients, cheese or meat. The benefits to the customer are a greater output, higher accuracy, less giveaway and ultimately **significantly reduced costs.**

THE BENEFITS TO YOU AT A GLANCE:

- **Greater output and higher accuracy**
- **No manual intervention required**
- **Less giveaway**
- **Reduced process costs**
- **MAXIMUM PROCESS RELIABILITY**

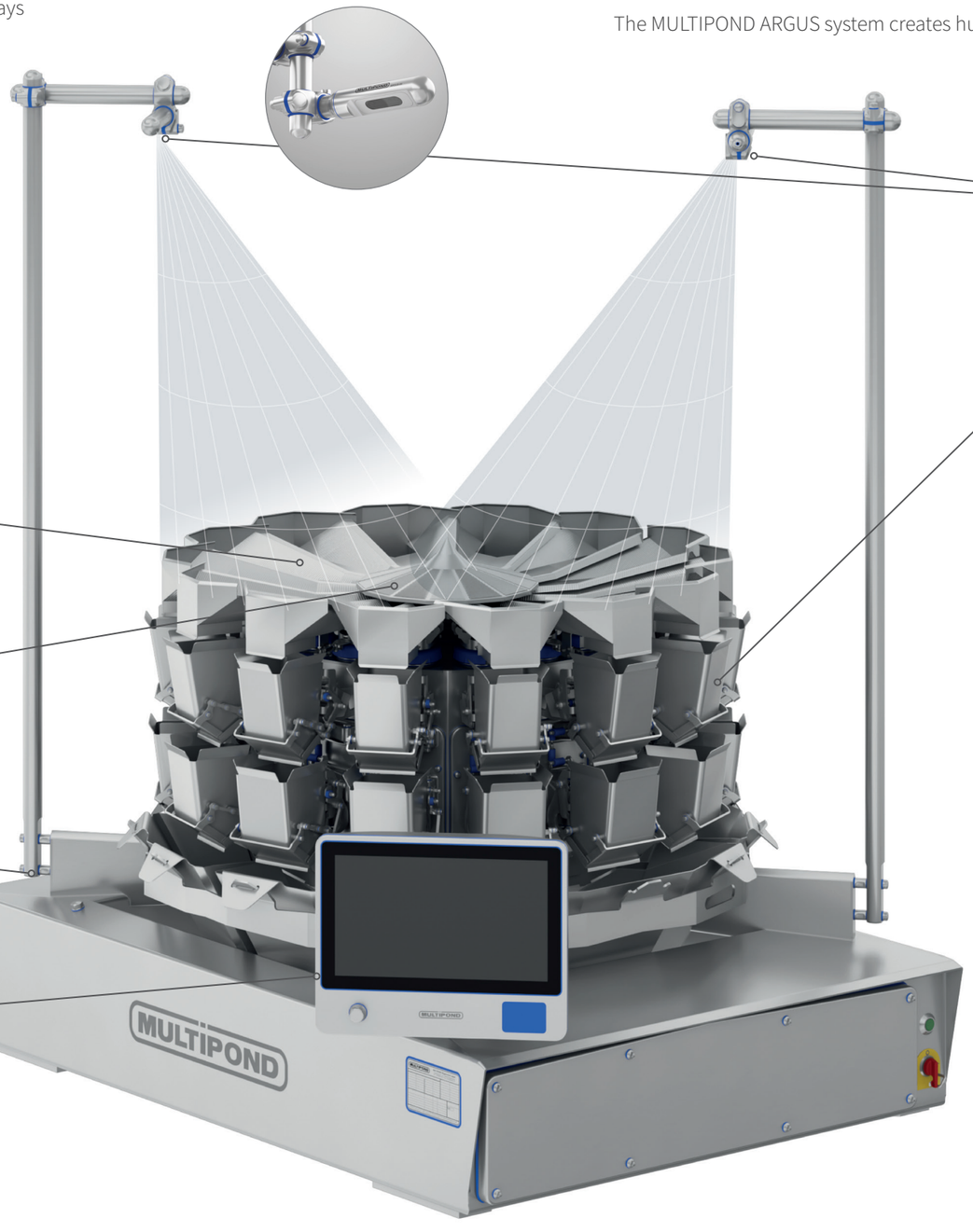
SO YOU SEE
WHAT YOU WANT TO SEE

The ARGUS system is able to set the product volume on the weigher in ring-like fashion in a way that prevents product accumulation around the distribution cone. As a result, product can be placed on all trays uniformly which **minimizes secondary feeding.**

The weighing system can detect where there is too much or too little product on the weigher through the ARGUS camera. The system then corrects the situation by itself to ensure **uniform distribution**.

The overall volume can be kept constant and **overfills** are avoided because the ARGUS system equalizes the fluctuations in the product flow caused by the feeding process. As a result, the ARGUS system significantly increases **process reliability**.

The MULTIPOND ARGUS system creates huge benefits, especially for products such as salad ingredients, cheese or meat.



Self-optimizing process for
UNIFORM DISTRIBUTION

OPTIMIZED PRODUCT FLOW
through shorter feeding times

RETROFITTING
Can be integrated into older weighers

SIMPLE OPERATION AND DATA ANALYSIS
with user-friendly touch screen monitor

COMPLETE OVERVIEW
through optimal positioning

EVEN MORE PRECISE RESULTS
through controlled filling

Watch the video on the
MULTIPOND ARGUS system

ARGUS-04 – AN OVERVIEW OF THE NEW GENERATION:

With ARGUS-04, MULTIPOND is further developing the ARGUS system to ensure a more uniform and precisely controlled product flow during the weighing process.

- **New camera module:**
  The 3D depth sensor improves the system's robustness, temperature stability, and service life. This ensures reliable operation over the long term.
- **Modular housing design:**
  The sensor, electronics, and data cables are individually replaceable. This simplifies maintenance and supports the sustainable use of the system.
- **Setup:**
  Measurement ranges can be defined more easily. This simplifies system setup.
- **Hygienic Design:**
  Hygienic design for easy and safe cleaning.
- **IP69 protection rating:**
  The ARGUS-04 housing is designed for intensive wet cleaning.
- **Integration and compatibility:**
  Up to four cameras per weigher allows for different configurations. The system is compatible with earlier ARGUS generations.
- **Software:**
  The software is continuously updated to ensure reliable operation.

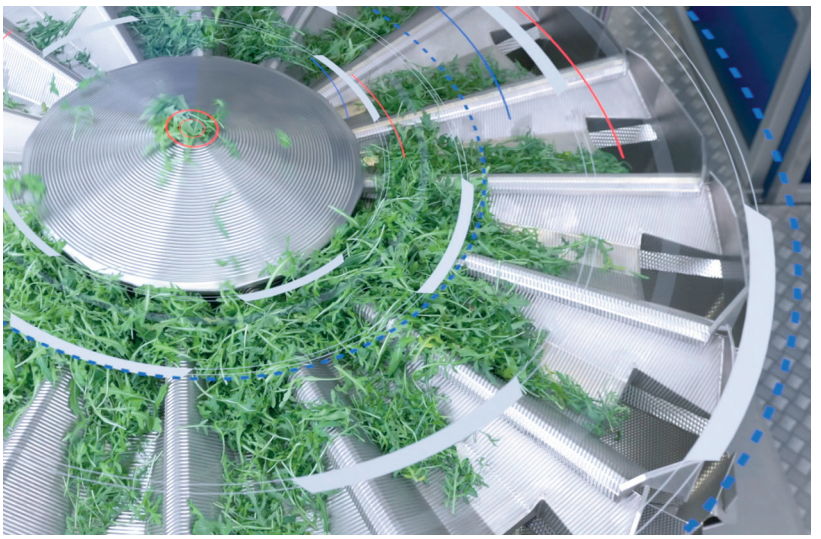
EYES
FOR YOUR WEIGHER

3D IMAGE DATA SCANNED

The advantage of the camera-monitored weigher is clear to see. Thanks to the automatic reaction to the 3D image data, this system innovation guarantees a controlled filling of the weigh hopper.

OPTIMIZED PRODUCT FLOW

The product is uniformly placed on all the trays on the weigher, ensuring optimum distribution. As a result, the prefeed hoppers are filled in a controlled manner and the variety of combinations increases.



SELF-OPTIMIZED PROCESS

The ARGUS system is able to significantly avoid overfills since the fluctuations that occur when the product is fed are equalized by the self-optimizing process.

Consequently, there is no need to intervene in the feeding process. This reduces the risk of unhygienic contamination and cuts costs.

MULTIPOND

WEIGHING TECHNOLOGY

ENGINEERED AND MANUFACTURED IN GERMANY

SINCE 1946

OVER **5,000** WEIGHING SYSTEMS PRODUCED AND INSTALLED

We make every effort to offer our customers from the food and non-food sectors the best possible solution tailored to them each and every time.

POWER TO INNOVATE FOR OVER **80** YEARS

We have a long tradition of developing, producing and distributing top class products for weighing and metering systems.

OVER **450** EMPLOYEES WORLDWIDE

Over 450 highly qualified employees worldwide work to secure our leading position as a technology provider for the fully automated weighing of food and non-food products.

5 SITES

Sales, project planning and service are handled by the headquarters in Germany, by the 4 subsidiaries in France, the Netherlands, the United Kingdom and the USA, and by a global network of agents.

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