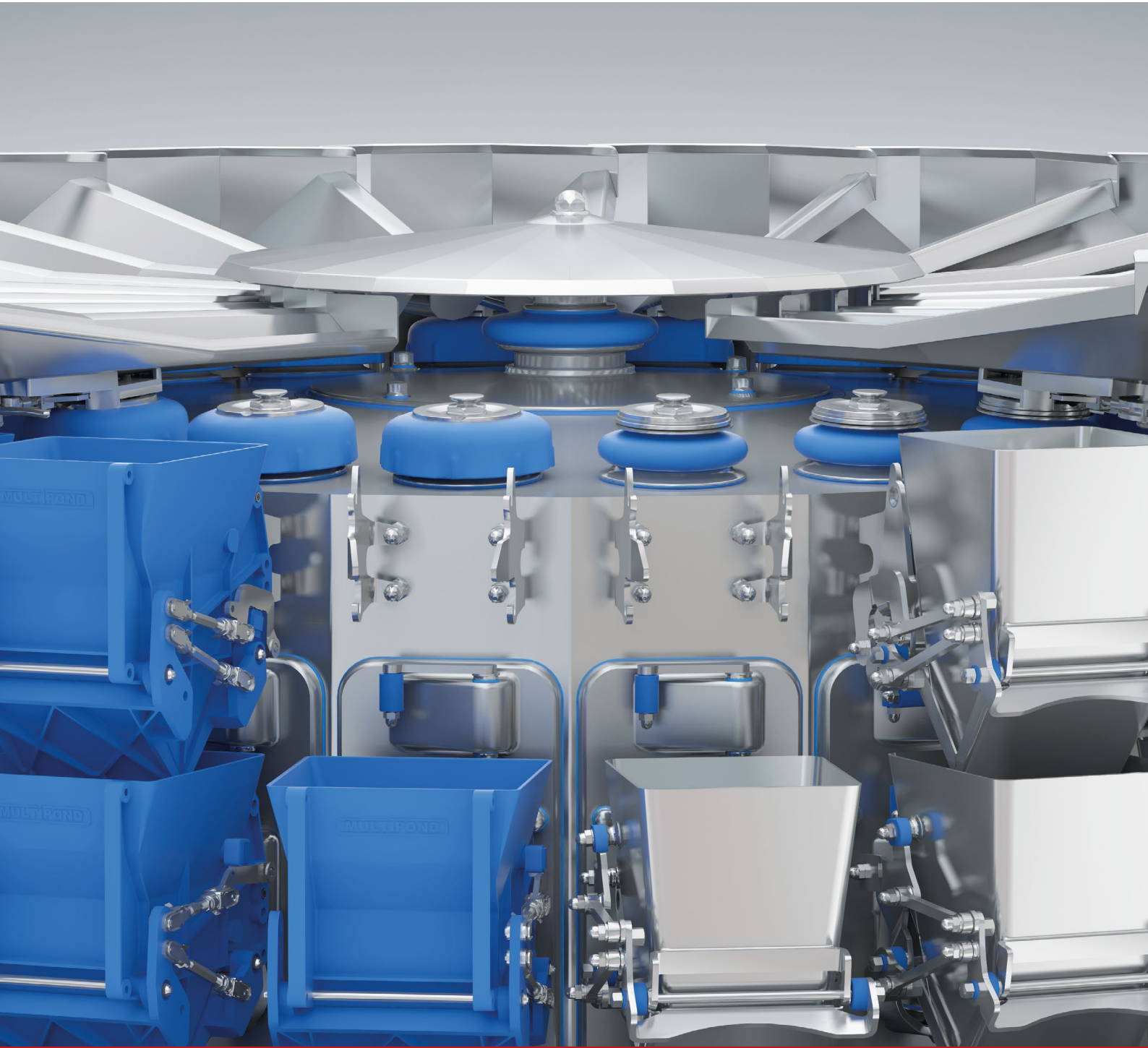




WEIGHING TECHNOLOGY



THE J GENERATION: HYGIENE IN THE SPOTLIGHT

HYGIENIC DESIGN DOWN TO THE FINEST DETAIL



HYGIENE - A MATTER OF DESIGN

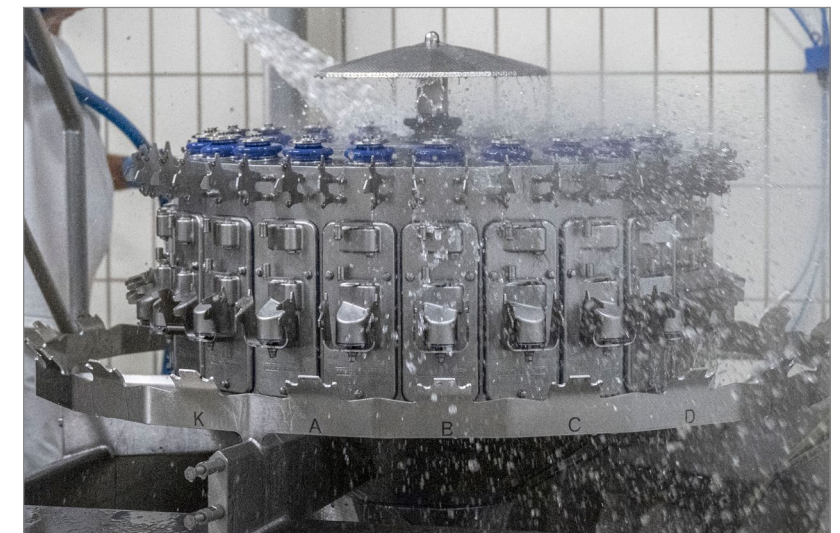
INVENTIVE, HYGIENIC DESIGN

The entire design of the multihead weighers, from the machine frame to the internally developed hygienic bolts to the rating plate, complies with the toughest hygiene regulations worldwide.



PROTECTION CLASS IP69

The weighing systems from MULTIPOND conform to IP69, a protection class that guarantees a water-proof machine design. Problem-free, quick and simple cleaning by means of a high-pressure cleaner. MULTIPOND is the only manufacturer of multihead weighers to achieve this protection class without generating expensive overpressure in the machine.



HYGIENE STANDARDS

MULTIPOND is an active member of the European Hygienic Engineering & Design Group (EHEDG). This organization aims to contribute to hygiene-compliant construction and design in food production to guarantee absolute safety in food manufacturing and processing.



HYGIENE REDEFINED

HIGH LEVEL OF AWARENESS IN FOOD PRODUCTION

Hygiene is first and foremost a matter of design, materials and components. Food manufacturing and processing are governed by strict specifications, standards and guidelines. The awareness concerning hygiene, cleaning and product safety is therefore equally high. The strict requirements and rigorous specifications span the entire production chain and are influencing machine construction to an ever-greater degree.

The **experience and knowledge** MULTIPOND has gathered over decades in the food industry is consistently transformed into technological innovations. Process-specific solutions ensure **safety, simplified cleaning processes and reduced time input**. The high hygiene standards are fulfilled. Minimize process costs and increase the efficiency of your packaging line with the unique weighing technology from MULTIPOND in a **sturdy, hygienic design**.

THE BENEFITS TO YOU AT A GLANCE:

- » Highest possible hygiene standards guaranteed
- » Fast, safe and efficient cleaning
- » Reduced time input, increased availability
- » Product protected against contamination
- » MAXIMUM PROCESS RELIABILITY

NEW STANDARDS IN HYGIENE

With the J generation, MULTIPOND has focused its attention on hygiene. The primary requirement for the hygienic design of machines, devices and components is ensuring **simple cleanability, protecting the product from contamination and preventing dirt particles or microorganisms from accumulating.**

The avoidance of double surfaces, gaps, dead and hollow spaces is the basis for **quick, safe and simple cleaning.** Exposed threads are securely and tightly sealed using internally developed hygienic bolts. All surfaces are inclined to allow water to drain off by itself. However, the inclination angles on the cage frame are designed to ensure that cleaning agent and disinfectant can take effect before draining off too quickly. Only materials that are safe for use in the foodstuff **industry are employed in the manufacturing process.** The plastics used are FDA-approved and comply with all EU regulations. Wherever technically feasible, they are detectable and designed in blue.



OPERATING UNIT BDE-16

- Hygienic design and protection class IP69
- IK10 - Test class for impact resistance
- Hygienic mounting



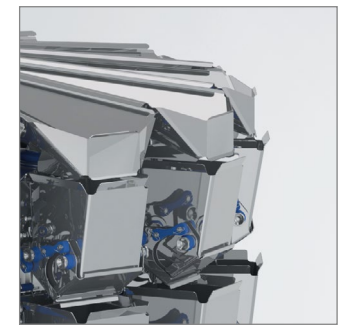
CROSS CLAMPS

- Sturdy stainless steel cast part
- No exposed, double surfaces
- Only one circumferential sealing in each case



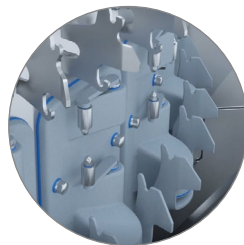
ACTUATORS

- No double surfaces or gaps
- Available for highly sensitive applications also without cover cap
- Entire drive technology within the machine



DRIP, DROP AND DRAIN

- Drips drained off
- Collecting pan easy to clean



LOAD CELL UNIT

- Stainless steel front plate
- Simple and safe cleaning
- Backward compatible with previous generations

CAGE FRAME

- Reduced number of components
- No spray shadows
- Hygienically sealed frame arms
- Surfaces inclined

RATING PLATE

- Chemical-resistant lettering
- Special hygienic sealing concept
- Sealing screw to prevent manipulation

PREFEED AND WEIGH HOPPERS

- Hygienic and tight laser welded joints
- Precise flap settings
- FDA approved materials
- Resistant to aggressive cleaning agents

CHUTES

- Simple, clean unhooking
- Laser parts without any weld seams
- Hygienic mounting
- Targeted product guidance up to the timing hopper through single chutes

HYGIENIC BOLTS

- Chemical-resistant and detectable sealing washers
- Screw head and screw surface hygienically sealed and easy to clean

MAIN SWITCH / SIGNAL LAMP

- Accessible for cleaning
- Machine can be secured with a padlock



Watch the video of the hygienic
MULTIPOND J Generation





WEIGHING TECHNOLOGY

ENGINEERED AND MANUFACTURED IN GERMANY

SINCE 1946

OVER **5000** WEIGHING SYSTEMS PRODUCED AND INSTALLED

We are doing everything we can to offer our customers in both food and non-food areas an optimal, individual solution.

INNOVATIVE STRENGTH FOR OVER **75** YEARS

In long tradition, we develop, produce and sell top products in the field of weighing and dosing technology.

OVER **420** EMPLOYEES WORLDWIDE

With over 420 highly qualified employees worldwide, we secure the top position in the technology of fully automatic weighing of food and non-food products.

4 SUBSIDIARIES

Sales, project planning and service take place via the headquarters in Germany, as well as via the 4 subsidiaries in France, the Netherlands, England and the USA, and a worldwide acting network of representatives.

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