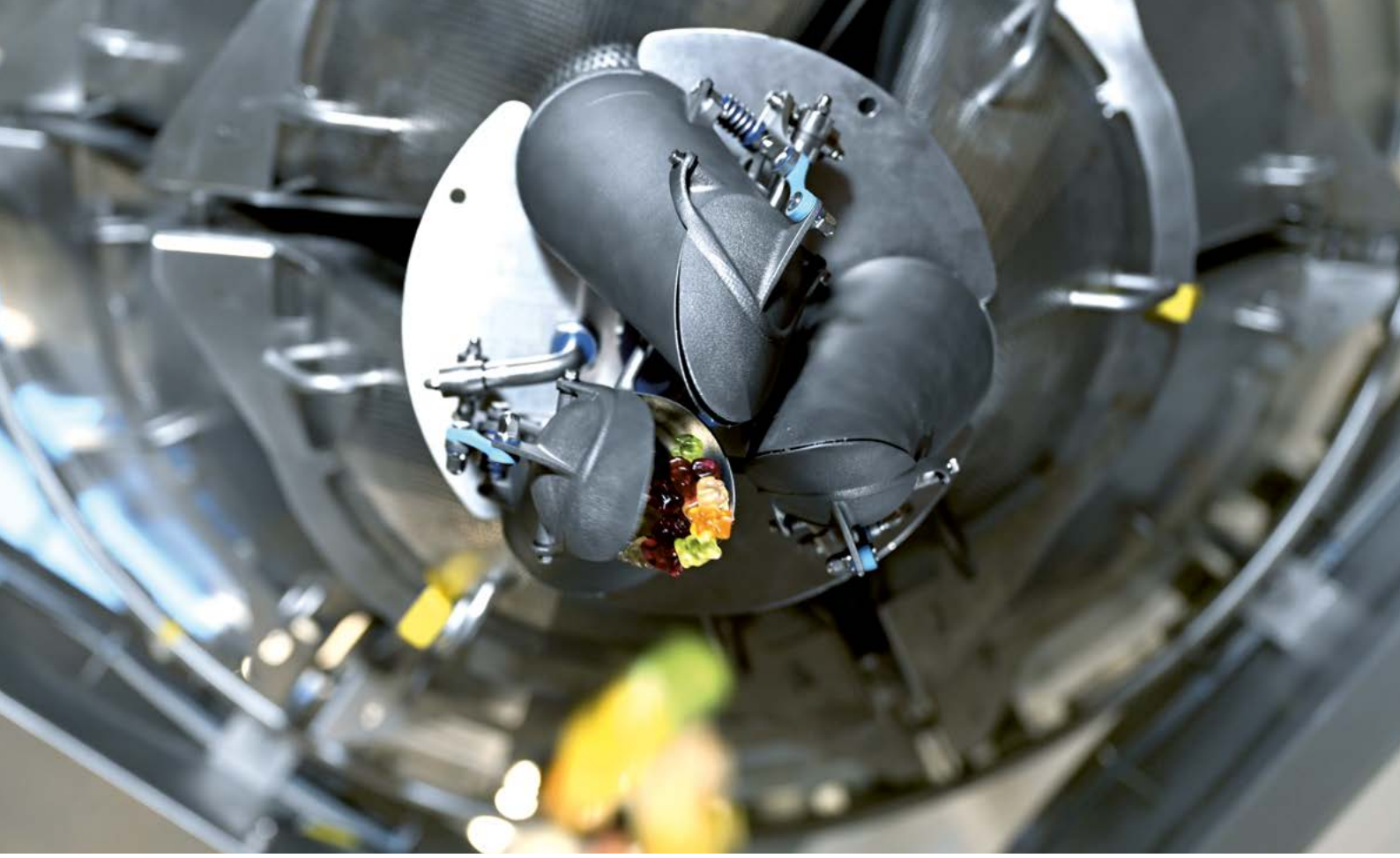
MULTIPOND

WEIGHING TECHNOLOGY

MULTISPIN: MAXIMIZES HIGH-SPEED PERFORMANCE

300 CYCLES/MIN FOR 100 G

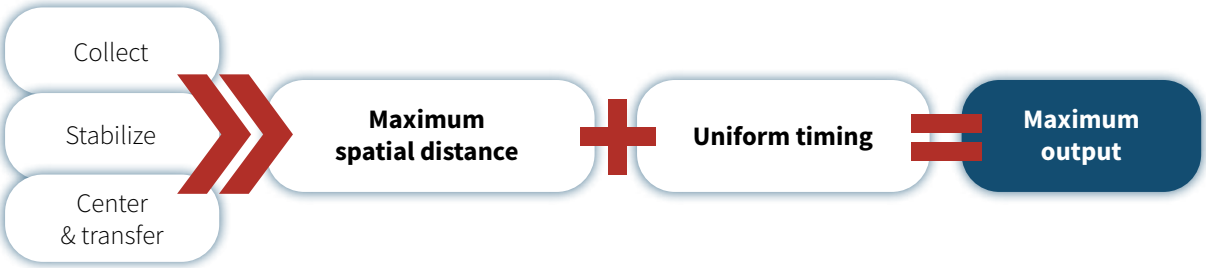


GET MORE OUT OF YOUR LINE

MULTISPIN MAXIMIZES HIGH-SPEED PERFORMANCE

When high speed matters, product transfer is key. MULTISPIN is designed for modern food packaging lines.

These applications call for precise coordination of all process steps. To achieve this, the line has to dispense portions into the format tube in a compact and consistent manner. The new MULTISPIN timing hopper consolidates and stabilizes the portion, guiding it to ensure compact, centered, and controlled product transfer.



MULTISPIN technology ensures that food packaging lines achieve their planned capacity reliably, even at high speeds.

TIMED TRANSFER.
MAXIMIZED HIGH-SPEED PERFORMANCE.

A packaging machine's performance depends on the quality of the portion it receives. Uncontrolled, misaligned, or inconsistent product feed into the form-fill-seal machine forces the packaging machine to slow down. **MULTISPIN overcomes this challenge.**

OTHER PRODUCT TRANSFER SOLUTIONS ON THE MARKET
The portion breaks up inconsistently and enters the format tube in a scattered flow, reducing performance.

MULTISPIN TRANSFER
The portion drops into the format tube in precise, compact form. The line's cycle and target speed can be consistently maintained.

The **synchronized, precise product transfer** achieved by the MULTISPIN unlocks the full performance potential of high-speed lines – **boosting output by up to 50 %**. The following values show validated cycle rates:

DUPLEX SETUP (2 x 300 CYCLES/MIN FOR 25 G CONFECTIONERY)

Calculated MULTISPIN output: 600 cycles/min

Setup	with conventional product transfer	25 % increase in performance target (conservative estimate)	MULTISPIN potencial
» **Cycles/min (total)**	400	500	600
» **Output for 25 g (22 h) in pieces**	528000	660000	792000
» **Output for 25 g (22 h) in tonnes**	13.2	16.5	19.8

MONO SETUP (1 x 300 CYCLES/MIN FOR 100 G CONFECTIONERY)

Validated MULTISPIN output: 300 cycles/min

Setup	with conventional product transfer	25 % increase in performance target (conservative estimate)	MULTISPIN potential
» **Cycles/min (total)**	200	250	300
» **Output for 100 g (22 h) in pieces**	264000	330000	396000
» **Output for 100 g (22 h) in tonnes**	26.4	33	39.6

300 CYCLES/MIN FOR 100 G

PRECISION IN EVERY DETAIL
FOR TRUE HIGH-SPEED PERFORMANCE

High cycle speeds can only be maximized when product transfer is fully reliable and sealing time remains long and stable.

WHAT THIS MEANS FOR YOUR BUSINESS:

PRODUCT AND LINE

- Faster line speed
- Higher line output

QUALITY

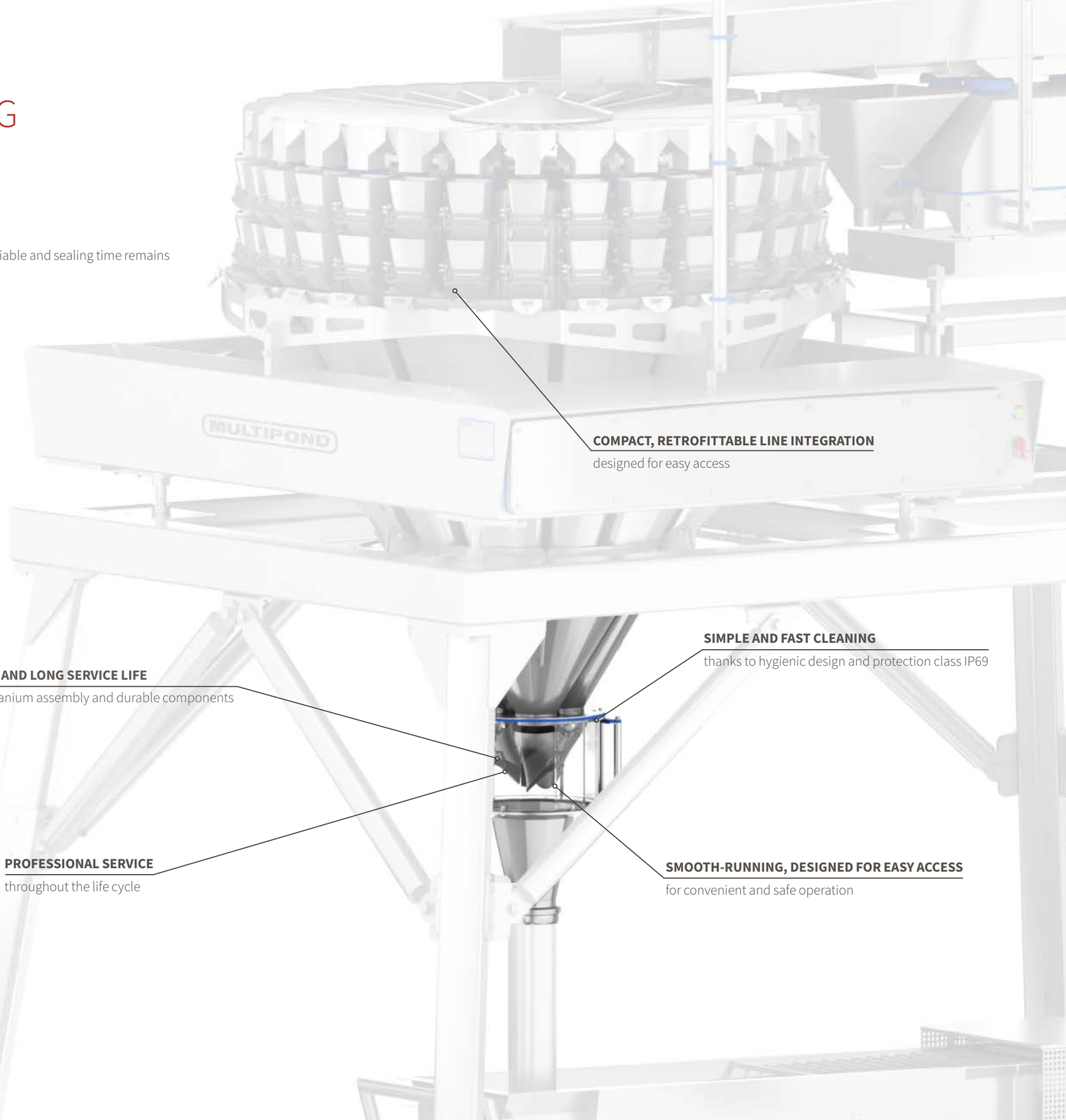
- Consistent processes ensured

TECHNOLOGY AND SERVICE

- Quick removal (approx. 1 minute) of machine parts
- Fewer parts and simple assembly

MANAGEMENT AND CONTROLLING

- Improved capacity utilization
- Increased net output

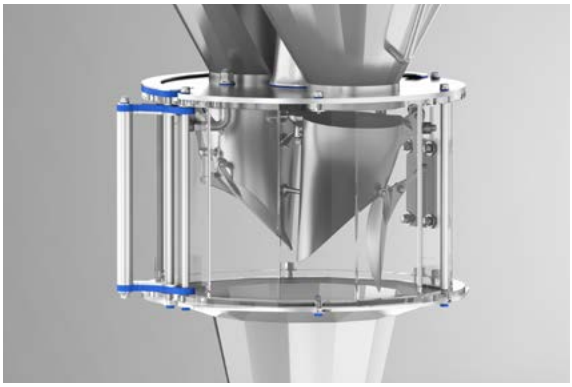


MORE OUTPUT. CUSTOM-DESIGNED.

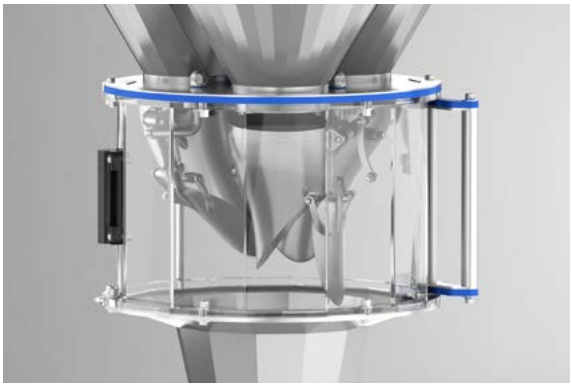
MULTISPIN AS THE SOLUTION FOR YOUR LINE.

MULTISPIN is available in several configurations to meet different project and product requirements.

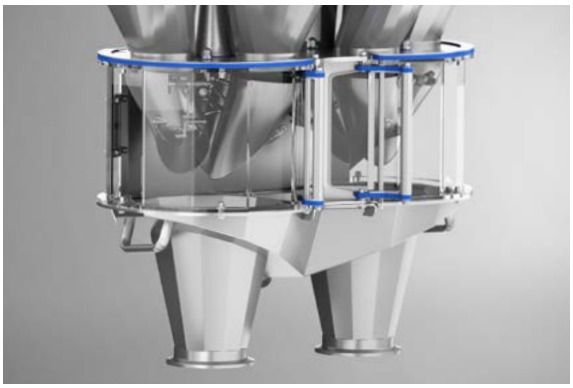
VARIATIONS AND CONFIGURATIONS



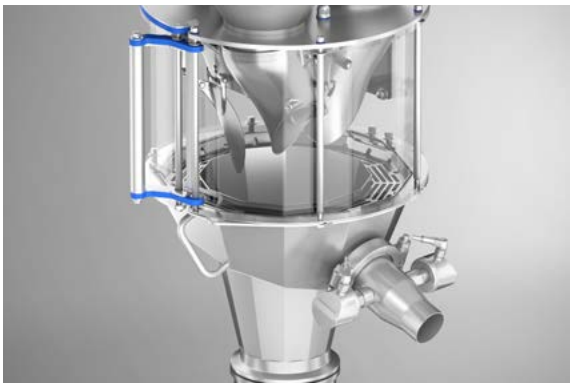
2-way (duplex possible starting from a distance of 320 mm)



3-way (duplex possible starting from a distance of 320 mm)



Duplex



Dust enclosure (optional)

TIMING HOPPER VOLUMES

- **0.5 l**
- **1.0 l**
- Additional sizes coming soon
- Customized sizes available

PRODUCT-SPECIFIC SURFACES AND MATERIALS (OPTIONAL)

- Additively manufactured titanium components for high durability and reduced adhesion
- Complex geometries made possible through additive manufacturing
- Product-specific surfaces at relevant touch points

IS MULTISPIN RIGHT FOR YOU?

If your line reaches its limit at higher cycle rates, it's worth taking a look at the product transfer. Let's work together to identify where your line holds untapped potential.

MULTISPIN is right for you if …

- Your line slows down at higher cycle speeds and does not run at a constant rate.
- Your form fill seal machine loses its rhythm due to unstable portions.
- Product changes and cleaning lead to excessive downtime.
- You need to get more out of your existing line – without adding new equipment.
- You want to increase your line capacity.
- Your vertical form-fill-seal machine still has untapped performance potential that is not being fully utilized.
- You want to significantly increase output per m^2.

If any of these points apply to you, we should talk.

To quickly and accurately determine whether MULTISPIN is the right solution for you, we need to know just two things:

- Maximum cycle rate of your form fill seal machine
- Target weight and type of product to be weighed

Send us your inquiry using the contact form – ideally with the two bits of information we mention– and we'll work with you to decide whether MULTISPIN is a good fit for your line.

SCAN THE QR CODE AND GET IN TOUCH

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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