

# PRODUCT RANGE



Engineered and Manufactured in Germany

**MULTIPOND**



OUR CUSTOMERS  
SET THE BENCHMARK  
FOR **QUALITY**.

WE OFFER THE **LATEST**  
**TECHNOLOGY** AND  
OPTIMISED **ECONOMY**.

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## AN OVERVIEW

# PRODUCT RANGE

All our systems are distinguished by accuracy, maximum performance and reliability –our comprehensive range of equipment can be summarized as:

- » MULTIHEAD WEIGHING SYSTEMS
- » SPECIAL VARIANTS
- » SPECIAL WEIGHING SYSTEMS
- » ADDITIONAL EQUIPMENT

## MULTIHEAD WEIGHING SYSTEMS

Our „basic range“ of multihead weighers comprises six product series which are mainly differentiated from each other by the measuring range of the load cells and the hopper capacities. These systems are available with 10 heads up to 36 heads.

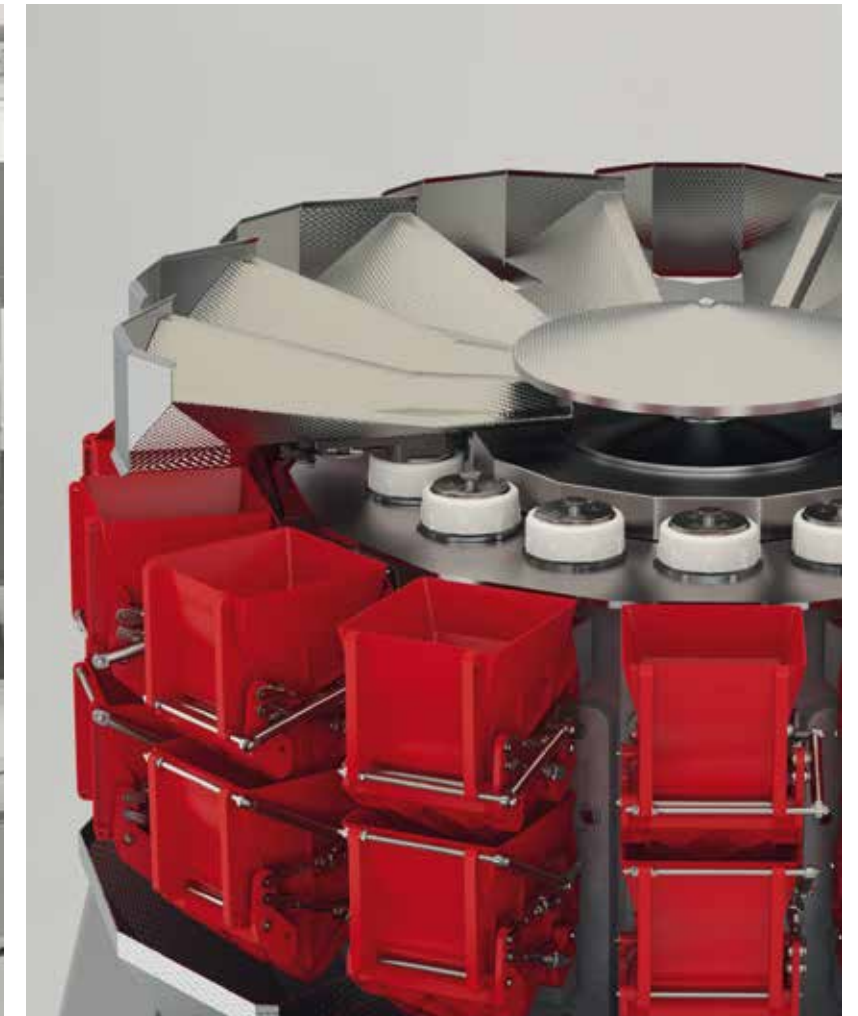
## SPECIAL VARIANTS

We provide a range of options which build on our “basic range”.

- » Memory Weighers: For high performance and mixture applications
- » Systems with the possibility of single variety dump: For mixture applications

## SPECIAL WEIGHING SYSTEMS

- » **Mobile combination weighers:** Mobile and easy to clean, ideal for frequent product and location changes
- » **Topping Units:** For smaller batch sizes and/or frequent product and / or location changes
- » **Dosing Weighers:** Ideal for powdery to granular products
- » **Semi-automatic linear multihead weighers:** Ideal for precise piece count and net weight of products that are difficult to convey

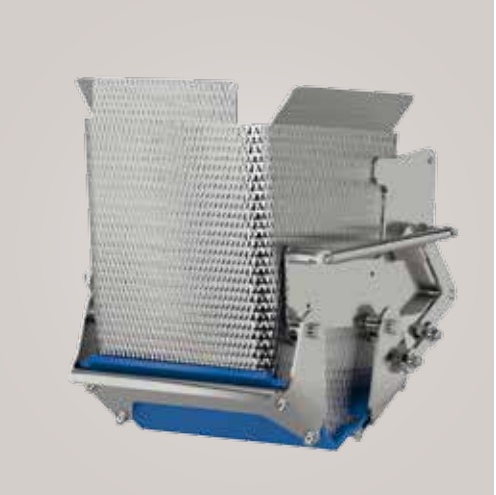
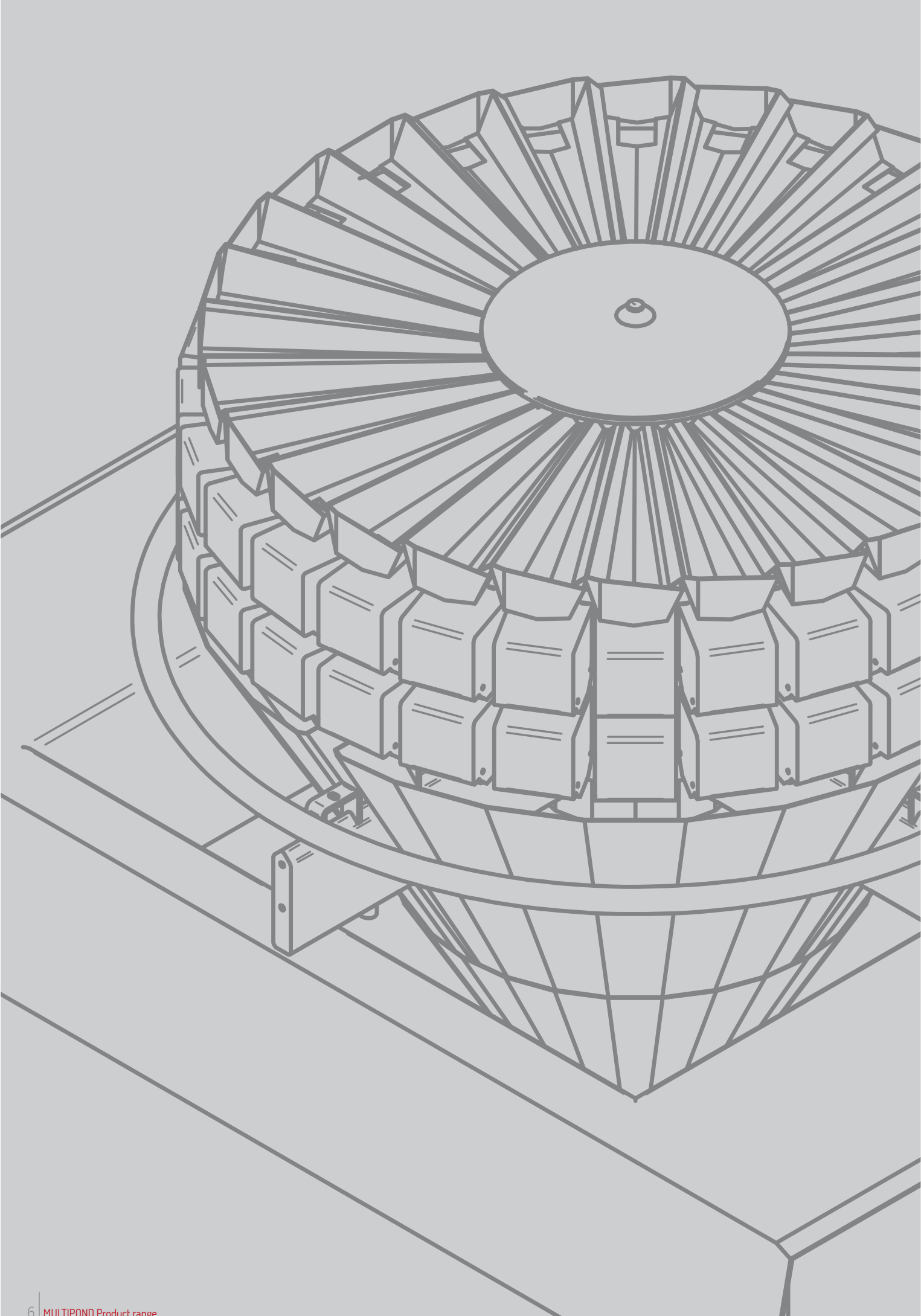


## ADDITIONAL EQUIPMENT

The product feed to the weigher and the transfer of the weighed portions to downstream packaging machines are also among our strong points. Proven technology and a diverse range of designs guarantee maximum output and operational reliability of your packaging line.

## PROJECTS

Sales and Application Technology work hand in hand with our customers. Our sales professionals worldwide are adept at tackling problems and developing solutions as they constantly monitor markets, dialog, and closely collaborate with our customers and engineers. Our expert teams are always at the cutting edge of technology and develop workable cost-effective solutions. Taking into account the scope of supply, current project requirements, and the need for flexibility, we fulfil customer needs. Comprehensive product evaluation and testing helps us understand the project. Communication with customers, to the point they are part of the development team, assures fulfilment of project objectives and ownership in the process.



MULTIHEAD WEIGHING SYSTEMS



# MULTIHEAD WEIGHING SYSTEMS

WEIGHING SYSTEMS FOR SMALL, MEDIUM AND LARGE WEIGHTS OR VOLUMES



HIGH-SPEED  
MINIMIZED  
HEADROOM



IDEAL FOR WEIGHING SMALL PORTIONS OF UP TO 200 G, EXCELLENT FOR CONFECTIONERY

MULTIHEAD WEIGHING SYSTEMS  
SERIES 400

FACTS

- » Up to 500 weighings per minute in combination mode
- » Up to 720 weighings per minute in dosing mode
- » Portion weights for individual dump: up to 200g
- » Optimised accuracy for the lowest weights
- » Compact, dust and water-repellent design
- » Extremely compact design developed to cope with headroom restrictions
- » Target weights from 1g up to 200g
- » Ideal for small target weights (e.g. mini bags, soup mixes and dried ingredients)
- » Combining, mixing, counting and dosing applications

TECHNICAL DATA

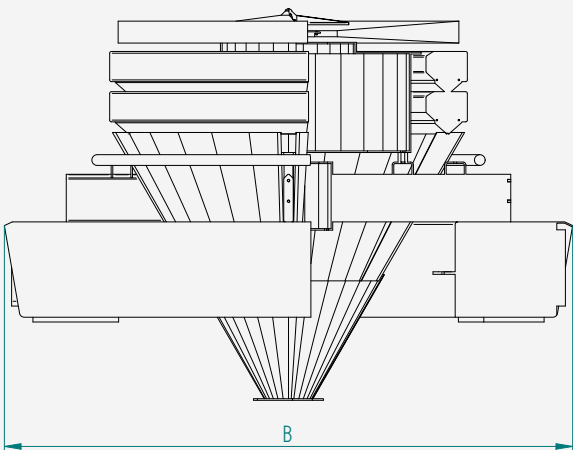
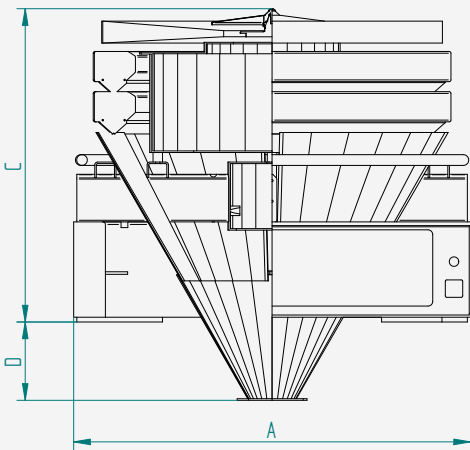
Type	Number of weigh hoppers	Max. theoretical weighings per minute* (depending on product and target weight)
MP 28-400/400-C	28	450
MP 36-400/400-C	36	500

\* in combination mode

MACHINE DIMENSIONS

A	B	C	D for 45°	D for 60°
1250	1790	986	246,7	206
1510	2050	1044	480,5	206

Subject to change.





IDEAL FOR WEIGHING  
PORTIONS OF UP TO 500 G

MULTIHEAD WEIGHING SYSTEMS  
SERIES 1000

FACTS

- » Up to 450 weighings per minute in combination mode
- » Up to 540 weighings per minute in dosing mode
- » Portion weights for individual dump: up to 500g
- » Higher weights in large portion or multiple dump mode are possible
- » Maximum accuracy
- » Fully automatic calibration and taring
- » Product-specific equipment
- » Compact, dust and water-repellent design
- » Combining, mixing, counting and dosing applications

TECHNICAL DATA

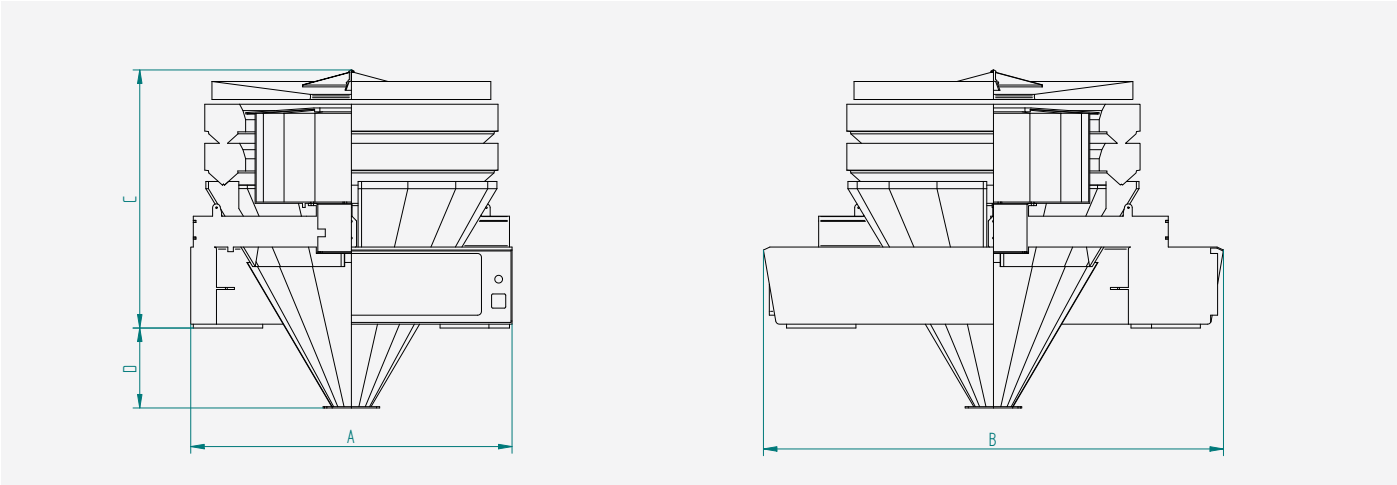
Type	Number of weigh hoppers	Max. theoretical weighings per minute* (depending on product and target weight)
MP 10-1000/400-H	10	85
MP 12-1000/400-H	12	150
MP 14-1000/400-H	14	200
MP 16-1000/400-H	16	200
MP 20-1000/400-H	20	300
MP 22-1000/400-H	22	300
MP 22-1000/400-J	22	300
MP 24-1000/400-H	24	350
MP 30-1000/400-H	30	375
MP 32-1000/400-H	32	400
MP 36-1000/400-H	36	450

\* in combination mode

MACHINE DIMENSIONS

A	B	C	D for 45°	D for 60°
1000	1116	966	-146	95
1250	1790	983	-50	303
1000	1116	966	-148	95
1250	1790	983	-51	302
1650	2190	1000	49	479
1320	1860	991	19	422
1355	1862	974	50	385
1650	2190	1000	152	660
1750	2290	1010	210	759
1750	2290	1015	235	802
1910	2450	1020	268	872

Subject to change.





IDEAL FOR WEIGHING MEDIUM-SIZED PORTIONS OF UP TO 3000 G (E.G. IQF PRODUCTS, PIECES OF MEAT)

MULTIHEAD WEIGHING SYSTEMS  
SERIES 2400

FACTS

- » Up to 200 weighings per minute in combination mode
- » Up to 300 weighings per minute in dosing mode
- » Portion weights for individual dump: up to 1.500g / 3.000g
- » Higher weights in large portion or multiple dump mode are possible
- » Maximum accuracy
- » Fully automatic calibration and taring
- » Product-specific equipment
- » Dust and water-repellent design
- » Combining, mixing, counting and dosing applications

TECHNICAL DATA

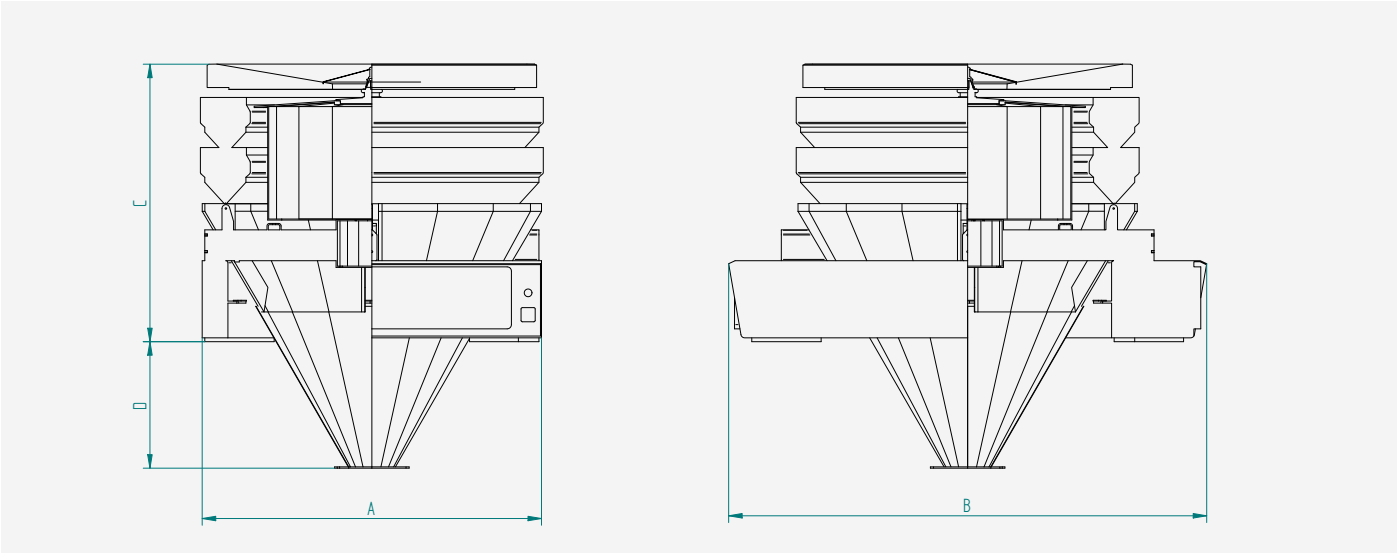
Type	Number of weigh hoppers	Max. theoretical weighings per minute* (depending on product and target weight)
MP 10-2400/1250-H	10	80
MP 10-2400/2500-H	10	80
MP 14-2400/1250-H	14	140
MP 14-2400/2500-H	14	140
MP 16-2400/1250-H	16	160
MP 16-2400/2500-H	16	160
MP 20-2400/1250-H	20	200
MP 20-2400/2500-H	20	200
MP 24-2400/1250-H	24	250
MP 24-2400/2500-H	24	250

\* in combination mode

MACHINE DIMENSIONS

A	B	C	D for 45°	D for 60°
1250	1790	1003	25	416
1250	1790	1003	25	416
1250	1790	1003	35	475
1250	1790	1003	35	475
1320	1860	1016	73	505
1320	1860	1016	73	505
1610	2150	1016	183	690
1610	2150	1016	183	690
2020	2560	1086	323	958
2020	2560	1086	323	958

Subject to change.







IDEAL FOR WEIGHING  
PORTIONS OF UP TO 5000 G

MULTIHEAD WEIGHING SYSTEMS  
SERIES 3800

FACTS

- » Up to 200 weighings per minute in combination mode
- » Up to 240 weighings per minute in dosing mode
- » Portion weights for individual dump: up to 5.000g
- » Higher weights in large portion or multiple dump mode are possible
- » Maximum accuracy
- » Fully automatic calibration and taring
- » Product-specific equipment
- » Dust and water-repellent design
- » Combining, mixing, counting and dosing applications

TECHNICAL DATA

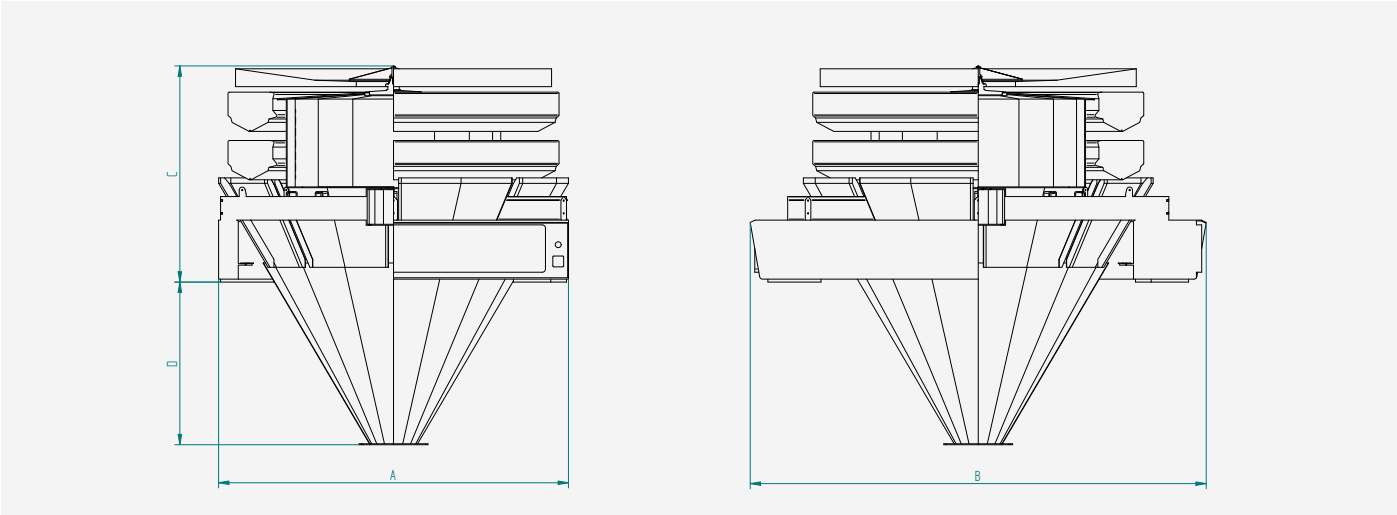
Type	Number of weigh hoppers	Max. theoretical weighings per minute* (depending on product and target weight)
MP 10-3800/1250-H	10	75
MP 10-3800/2500-H	10	75
MP 14-3800/1250-H	14	120
MP 14-3800/2500-H	14	120
MP 16-3800/1250-H	16	140
MP 16-3800/2500-H	16	140
MP 20-3800/1250-H	20	160
MP 20-3800/2500-H	20	160
MP 24-3800/1250-H	24	200
MP 24-3800/2500-H	24	200

\* in combination mode

MACHINE DIMENSIONS

A	B	C	D for 45°	D for 60°
1320	1860	1150	48	480
1320	1860	1150	48	480
1610	2150	1100	203	601
1610	2150	1100	203	601
1780	2320	1100	290	868
1780	2320	1100	290	868
2100	2640	1166	400	1066
2100	2640	1166	400	1066
2300	2840	1205	540	1312
2300	2840	1205	540	1312

Subject to change.







IDEAL FOR WEIGHING PORTIONS OF UP TO 7500 G  
OR LARGE-VOLUME PRODUCTS SUCH AS SALAD

MULTIHEAD WEIGHING SYSTEMS  
SERIES 7100

FACTS

- » Up to 140 weighings per minute in combination mode
- » Portion weights for individual dump: up to 7.500g
- » Higher weights in large portion or multiple dump mode are possible
- » Maximum accuracy
- » Fully automatic calibration and taring
- » Product-specific equipment
- » Dust and water-repellent design
- » Combining, mixing, counting and dosing applications

TECHNICAL DATA

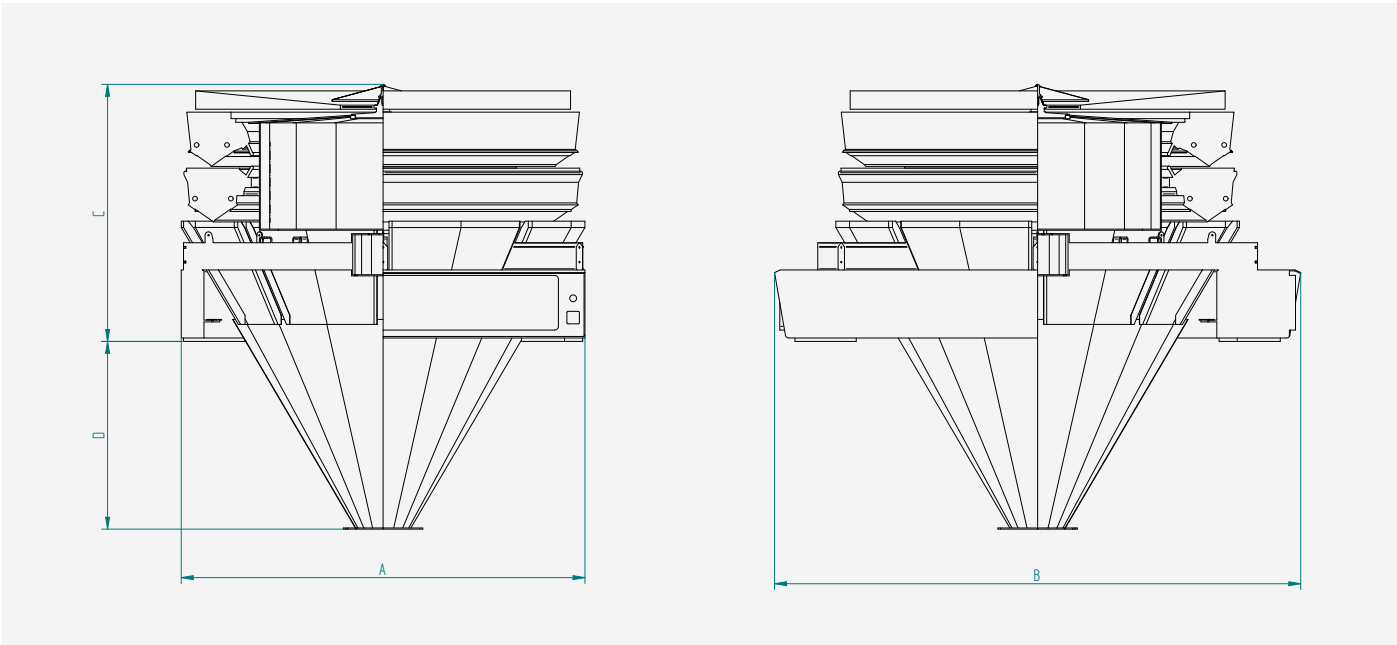
Type	Number of weigh hoppers	Max. theoretical weighings per minute* (depending on product and target weight)
MP 10-7100/2500-H	10	70
MP 14-7100/2500-H	14	110
MP 16-7100/2500-H	16	130
MP 20-7100/2500-H	20	140

\* in combination mode

MACHINE DIMENSIONS

A	B	C	D for 45°	D for 60°
1320	1860	1178	18	435
1610	2150	1072	68	669
1780	2320	1072	259	829
2100	2640	1134	420	1064

Subject to change.





IDEAL FOR WEIGHING LARGE PORTIONS OF UP TO 10.000 G OR LARGE PRODUCTS SUCH AS IQF FISH FILETS OR IQF CUTLETS

MULTIHEAD WEIGHING SYSTEMS  
SERIES 9600

FACTS

- » Up to 120 weighings per minute in combination mode
- » Portion weights for individual dump: up to 10.000g
- » Higher weights in large portion or multiple dump mode are possible
- » Maximum accuracy
- » Fully automatic calibration and taring
- » Product-specific equipment
- » Dust and water-repellent design
- » Combining, mixing, counting and dosing applications

TECHNICAL DATA

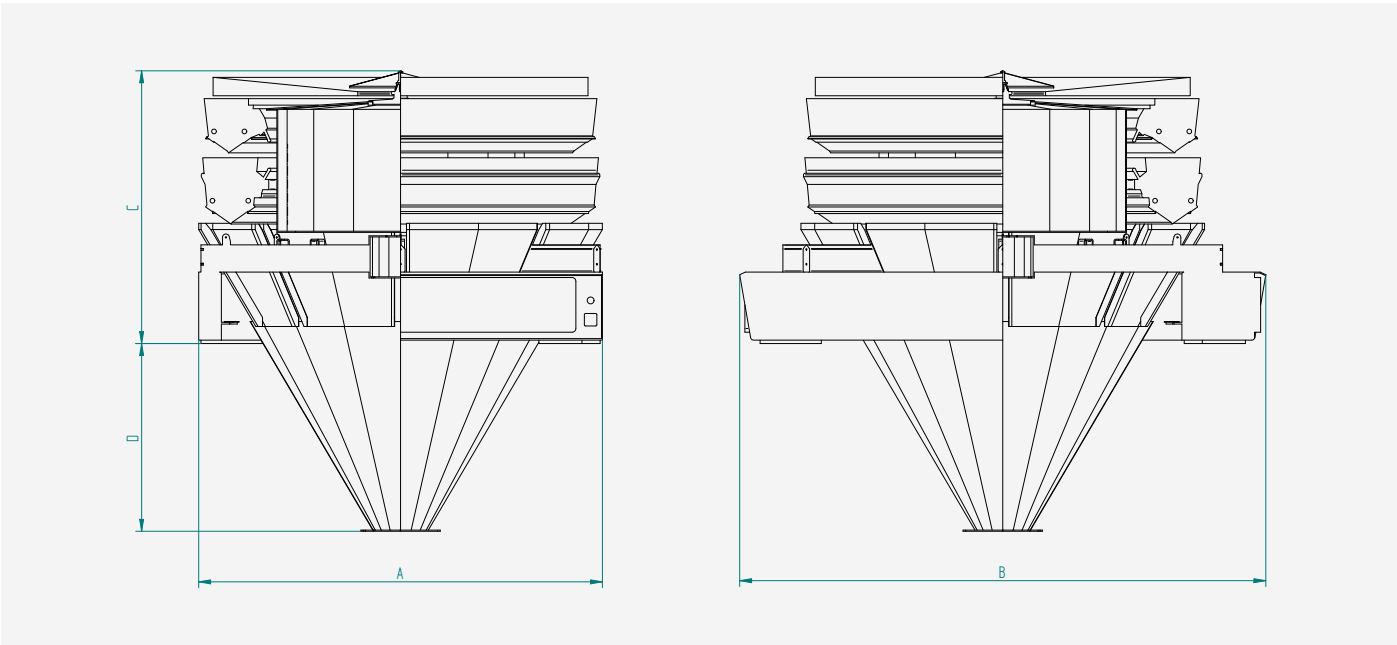
Type	Number of weigh hoppers	Max. theoretical weighings per minute* (depending on product and target weight)
MP 14-9600/2500-H	14	100
MP 16-9600/2500-H	16	120

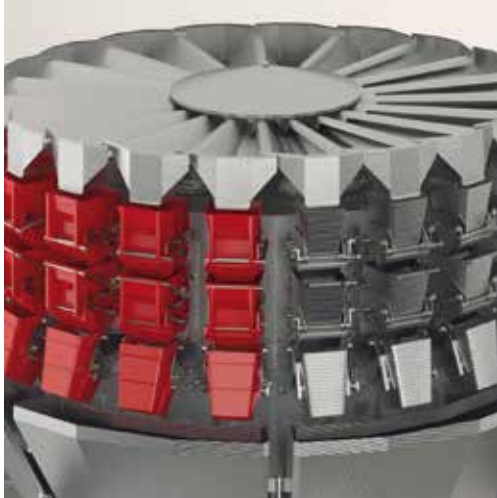
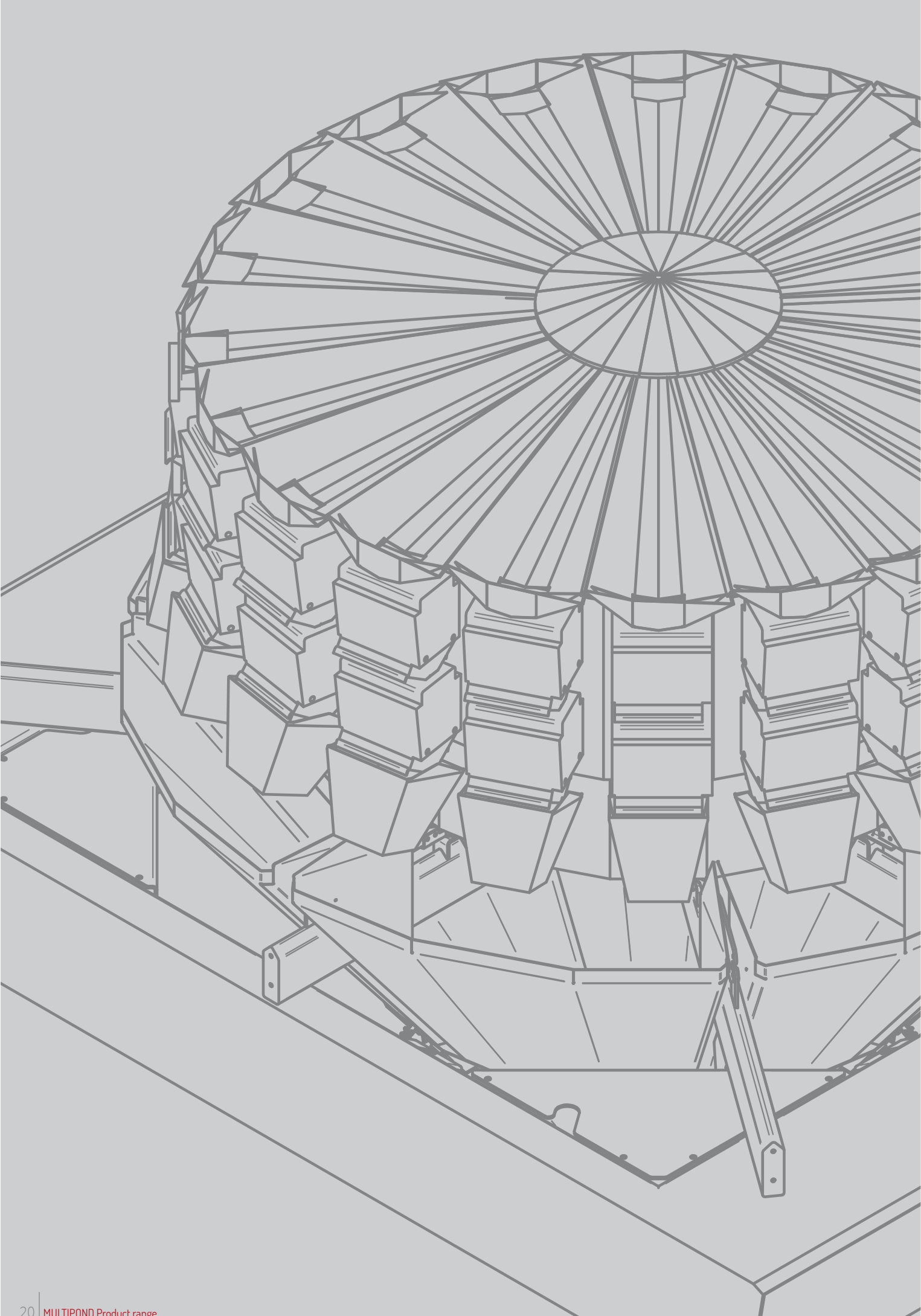
\* in combination mode

MACHINE DIMENSIONS

A	B	C	D for 45°	D for 60°
1610	2150	1215	173	663
1780	2320	1205	270	827

Subject to change.





## SPECIAL VARIANTS

IDEAL FOR HIGH PERFORMANCE  
AND MIXTURE APPLICATIONS

SPECIAL VARIANTS





### S5: MEMORY HOPPER WEIGHING SYSTEMS

This special system relates to the design of memory weighing systems. There are two memory hoppers ❶ placed underneath each weigh hopper. The weigh hoppers are filling partial portions via a swivelling funnel ❷ into the memory hoppers where the partial weights ❸ are stored intermediately. This results in a higher combination multiplicity range which is the basis for highest accuracy and highest speeds. This option is available for weighing systems with 12, 16, 20, 24, 30, 32 and 36 weighing heads. This version is especially suitable for mixing applications in the high-speed range.

#### Advantages compared to conventional systems:

- » Higher combination power and thus higher accuracy
- » Higher speeds

## SPECIAL VARIANTS SERIES 1000-S5

### FACTS

- » Up to 720 weighings per minute in combination mode
- » Portion weights for individual dump: up to 500g
- » Higher weights in large portion or multiple dump mode are possible
- » Maximum accuracy
- » Fully automatic calibration and taring
- » Product-specific equipment
- » Ideal for high-speed and mixing applications
- » Dust and water-repellent design
- » Combining, mixing, counting and dosing applications

### TECHNICAL DATA

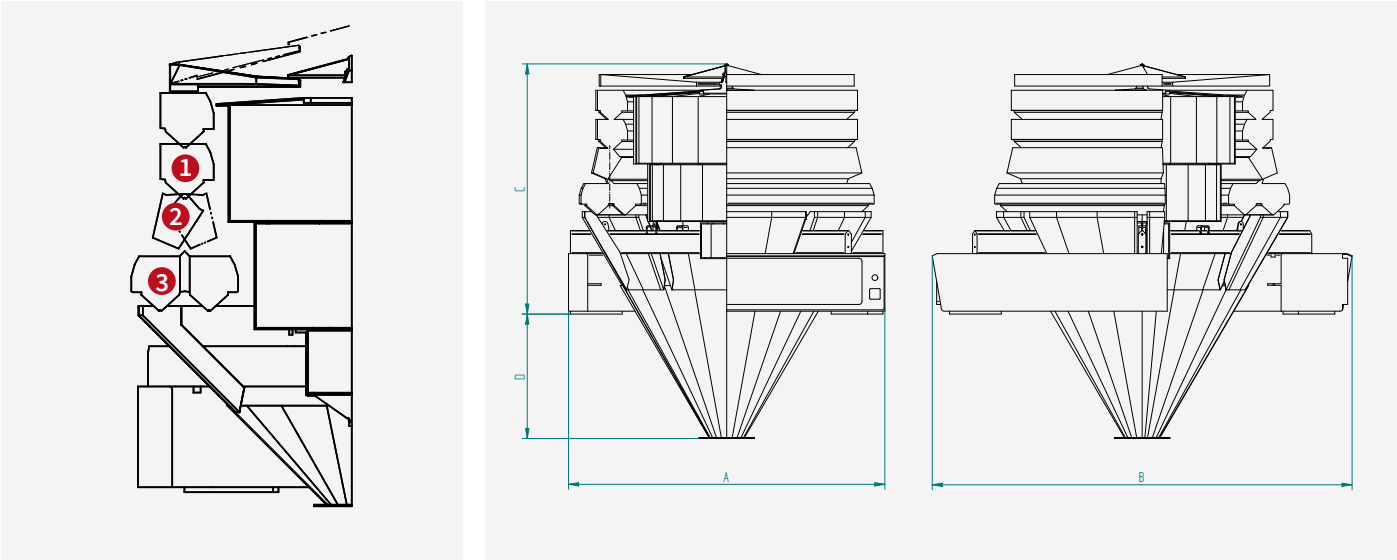
Type	Number of weigh hoppers	Max. theoretical weighings per minute* (depending on product and target weight)
MP 12-1000/400-H-S5	12	180
MP 16-1000/400-H-S5	16	240
MP 20-1000/400-H-S5	20	360
MP 24-1000/400-H-S5	24	480
MP 30-1000/400-H-S5	30	560
MP 32-1000/400-H-S5	32	640
MP 36-1000/400-H-S5	36	720

\* in combination mode

### MACHINE DIMENSIONS

A	B	C	D for 45°	D for 60°
1250	1790	1300	39	453
1250	1790	1300	39	453
1650	2190	1300	169	662
1650	2190	1300	248	793
2150	2690	1300	348	1016
2150	2690	1300	398	1103
2300	2840	1300	495	1270

Subject to change.





### S5: MEMORY HOPPER WEIGHING SYSTEMS

This special system relates to the design of memory weighing systems. There are two memory hoppers ❶ placed underneath each weigh hopper. The weigh hoppers are filling partial portions via a swivelling funnel ❷ into the memory hoppers where the partial weights ❸ are stored intermediately. This results in a higher combination multiplicity range which is the basis for highest accuracy and highest speeds. This option is available for weighing systems with 16, 20 and 24 weighing heads. This version is especially suitable for mixing applications in the high-speed range.

#### Advantages compared to conventional systems:

- » Higher combination power and thus higher accuracy
- » Higher speeds

## SPECIAL VARIANTS SERIES 2400-S5

### FACTS

- » Up to 300 weighings per minute in combination mode
- » Portion weights for individual dump: up to 1.500g / 3.000g
- » Higher weights in large portion or multiple dump mode are possible
- » Maximum accuracy
- » Fully automatic calibration and taring
- » Product-specific equipment
- » Ideal for high-speed and mixing applications
- » Dust and water-repellent design
- » Combining, mixing, counting and dosing applications

### TECHNICAL DATA

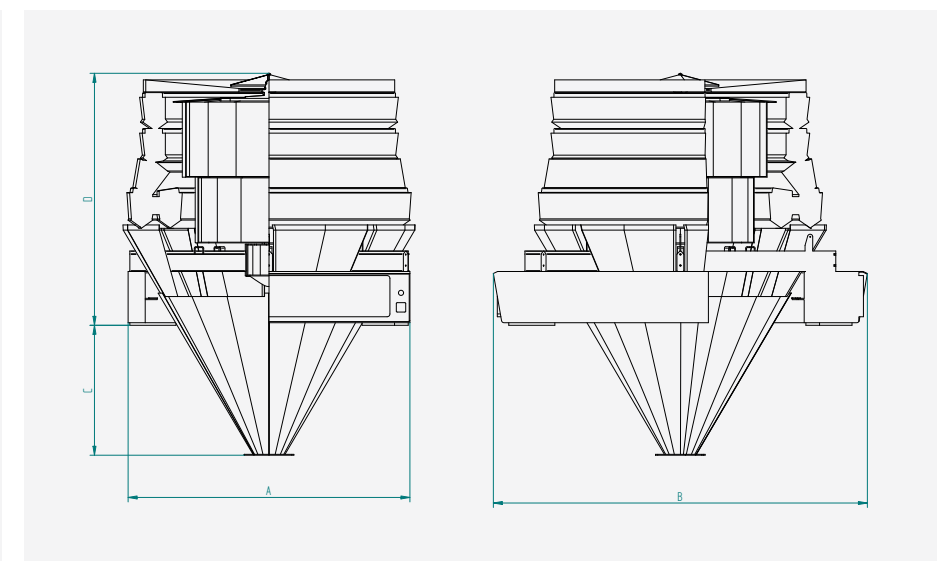
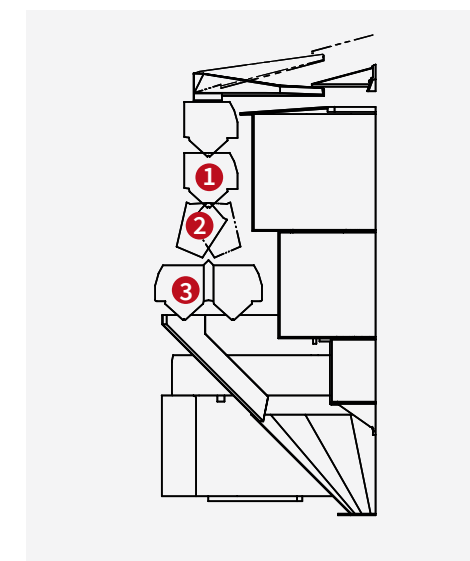
Type	Number of weigh hoppers	Max. theoretical weighings per minute* (depending on product and target weight)
MP 16-2400/1250-H-S5	16	220
MP 16-2400/2500-H-S5	16	220
MP 20-2400/1250-H-S5	20	300
MP 20-2400/2500-H-S5	20	300
MP 24-2400/1250-H-S5	24	380
MP 24-2400/2500-H-S5	24	380

\* in combination mode

### MACHINE DIMENSIONS

A	B	C	D for 45°	D for 60°
1650	2190	1495	218	785
1650	2190	1495	218	785
2020	2560	1495	353	1016
2020	2560	1495	353	1016
2300	2840	1495	479	1237
2300	2840	1495	479	1237

Subject to change.







### S5R: MEMORY HOPPER WEIGHING SYSTEM WITH SPECIAL REJECT OPTION FOR OVER WEIGHTS

The concept is based on a standard memory weighing system where the outer memory hopper is replaced by a second swivelling funnel, as shown in the figure. **4** Over weights can be discharged, correctly sorted, by the second swivelling funnel to a reject bin before the packaging process, **5** allowing the weighing system to continue the weighing process without interruption, and no loss in weighing performance / speed result. The discarded product can now be fed back to the weighing process manually or automatically. This guarantees the highest possible product yield. It is also possible to use the S5R option only in certain parts of a weighing system for mixing applications. This option is available for weighing systems with 16, 20, 24 and 36 weighing heads. This system is thus optimally suited for counting individual piece weights and weighing small quantities or target weights, as is frequently necessary in the ready meals or confectionery industry, for example.

#### Advantages compared to conventional systems:

- » Discharge of over weights without sacrificing speed
- » Higher combination power and thus higher accuracy
- » Higher speeds
- » Correctly sorted reject and thus maximum product yield

## SPECIAL VARIANTS SERIES 1000-S5R

### FACTS

- » Up to 720 weighings per minute in combination mode
- » Portion weights for individual dump: up to 500g
- » Higher weights in large portion or multiple dump mode are possible
- » Maximum accuracy
- » Fully automatic calibration and taring
- » Product-specific equipment
- » Ideal for high-speed and mixing applications
- » Dust and water-repellent design
- » Combining, mixing, counting and dosing applications

### TECHNICAL DATA

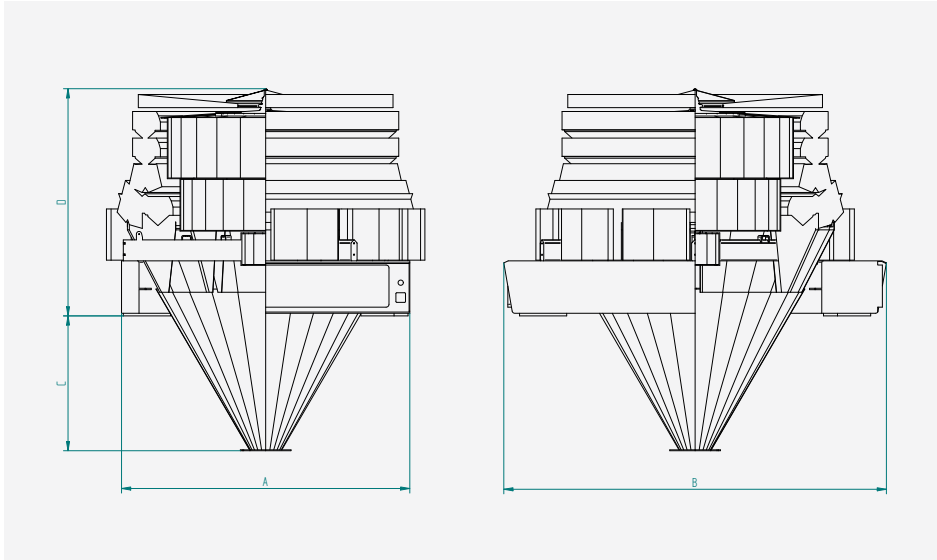
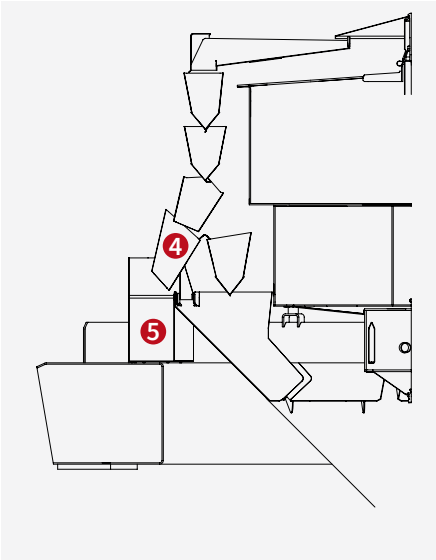
Type	Number of weigh hoppers	Max. theoretical weighings per minute* (depending on product and target weight)
MP 16-1000/400-S5R	16	240
MP 20-1000/400-S5R	20	360
MP 24-1000/400-S5R	24	480
MP 36-1000/400-S5R	36	720

\* in combination mode

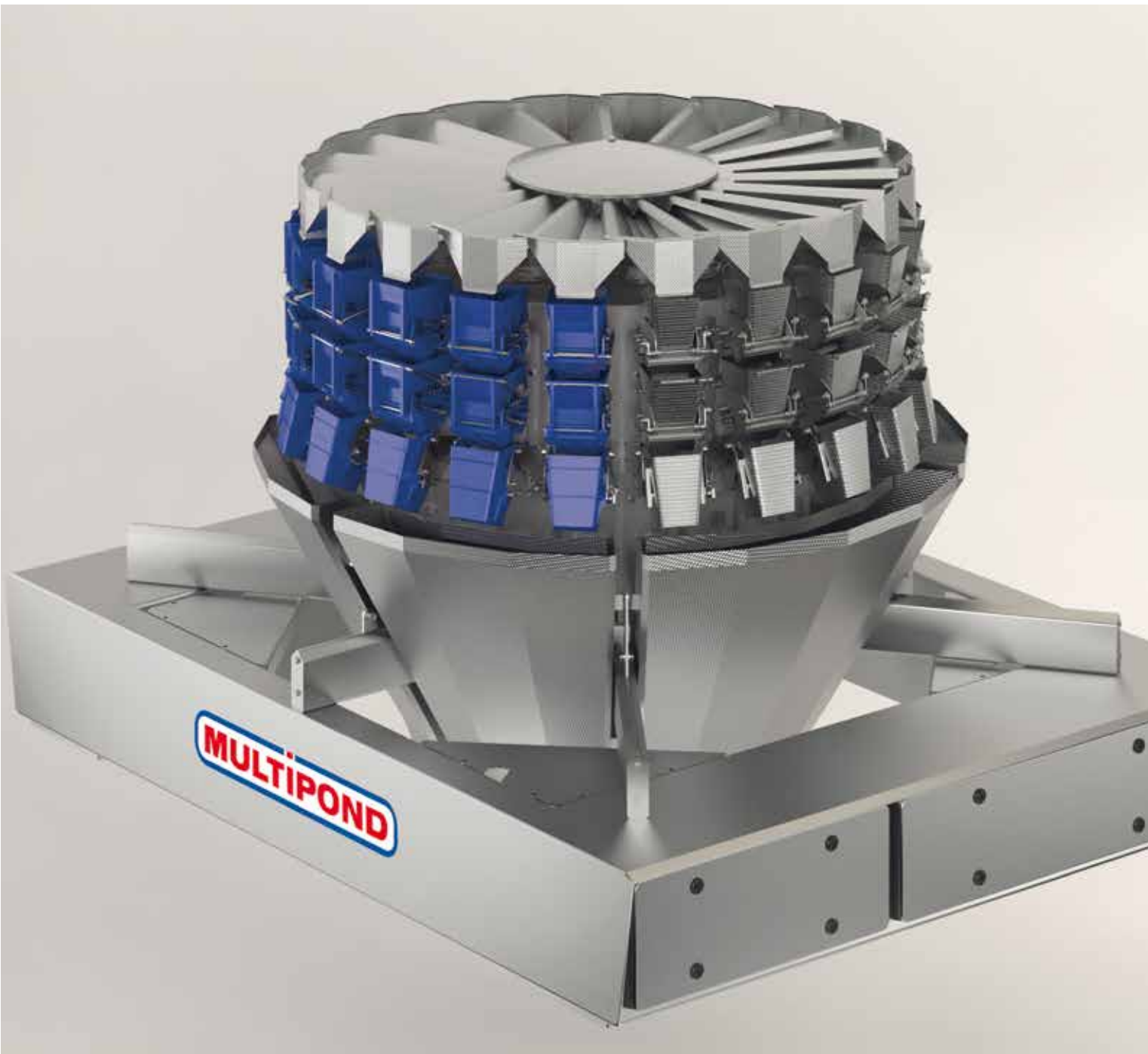
### MACHINE DIMENSIONS

A	B	C	D for 45°	D for 60°
1250	1790	1300	39	453
1650	2190	1300	169	662
1650	2190	1300	248	793
2300	2840	1300	495	1270

Subject to change.







### S5-OZB: WEIGHING SYSTEM WITH SPECIAL REJECT OPTION FOR OVER WEIGHTS WITHOUT USING MEMORY HOPPERS

The principle of this system is based on the principle of the S5R version, while doing without memory hoppers. Following the weighing process, the portions are directly rejected down a separate chute via specially developed swivelling funnels. The swivelling funnel changes its position in case of over weights. In this case it swings outwards **6** and rejects the overweight, correctly sorted, **7** down a separate chute before packaging process. During this time the weighing system continues the weighing process, so that there is no loss of weighing performance / speed. The discarded product can now be fed back to the weighing process manually or automatically. This guarantees the highest possible product yield. This option is available for weighing systems with 16, 20, 24 and 36 weighing heads. This system is thus optimally suited for counting individual piece weights and weighing small quantities or target weights, as is frequently necessary in the ready meals or confectionery industry, for example.

#### Advantages compared to conventional systems:

- » Discharge of over weights without sacrificing speed
- » Correctly sorted reject and thus maximum product yield

## SPECIAL VARIANTS SERIES 1000-S5-OZB

### FACTS

- » Up to 360 weighings per minute in combination mode
- » Portion weights for individual dump: up to 500g
- » Higher weights in large portion or multiple dump mode are possible
- » Maximum accuracy
- » Fully automatic calibration and taring
- » Product-specific equipment
- » Ideal for high-speed and mixing applications
- » Dust and water-repellent design
- » Combining, mixing, counting and dosing applications

### TECHNICAL DATA

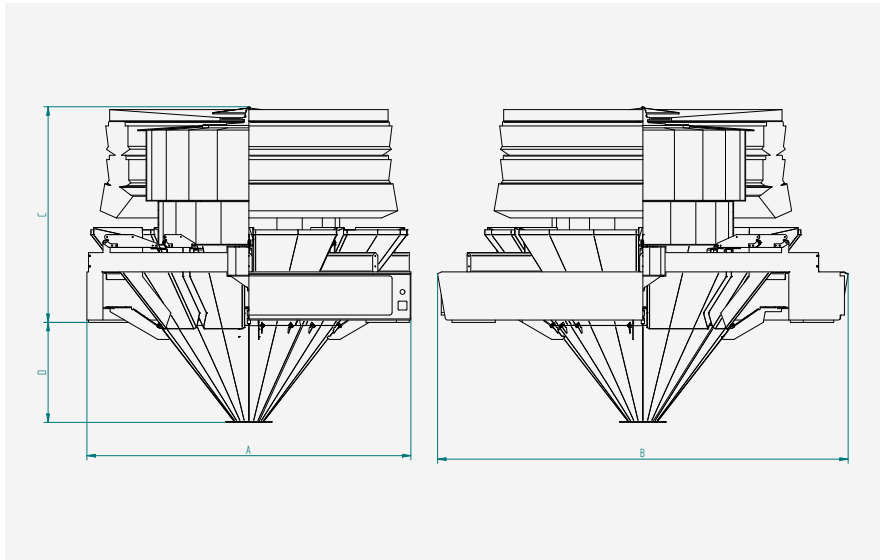
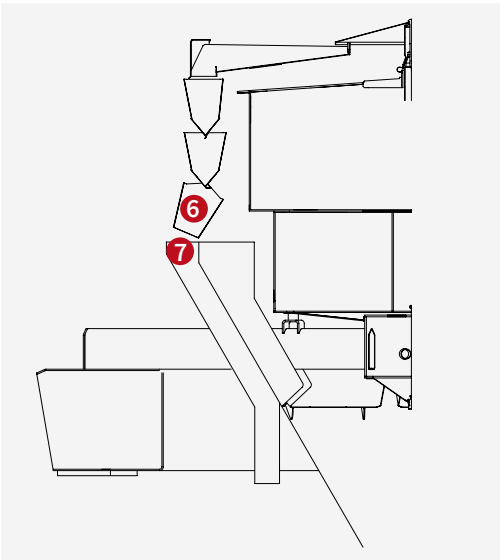
Type	Number of weigh hoppers	Max. theoretical weighings per minute* (depending on product and target weight)
MP 16-1000/400-S5-OZB	16	120
MP 20-1000/400-S5-OZB	20	180
MP 24-1000/400-S5-OZB	24	240
MP 36-1000/400-S5-OZB	36	360

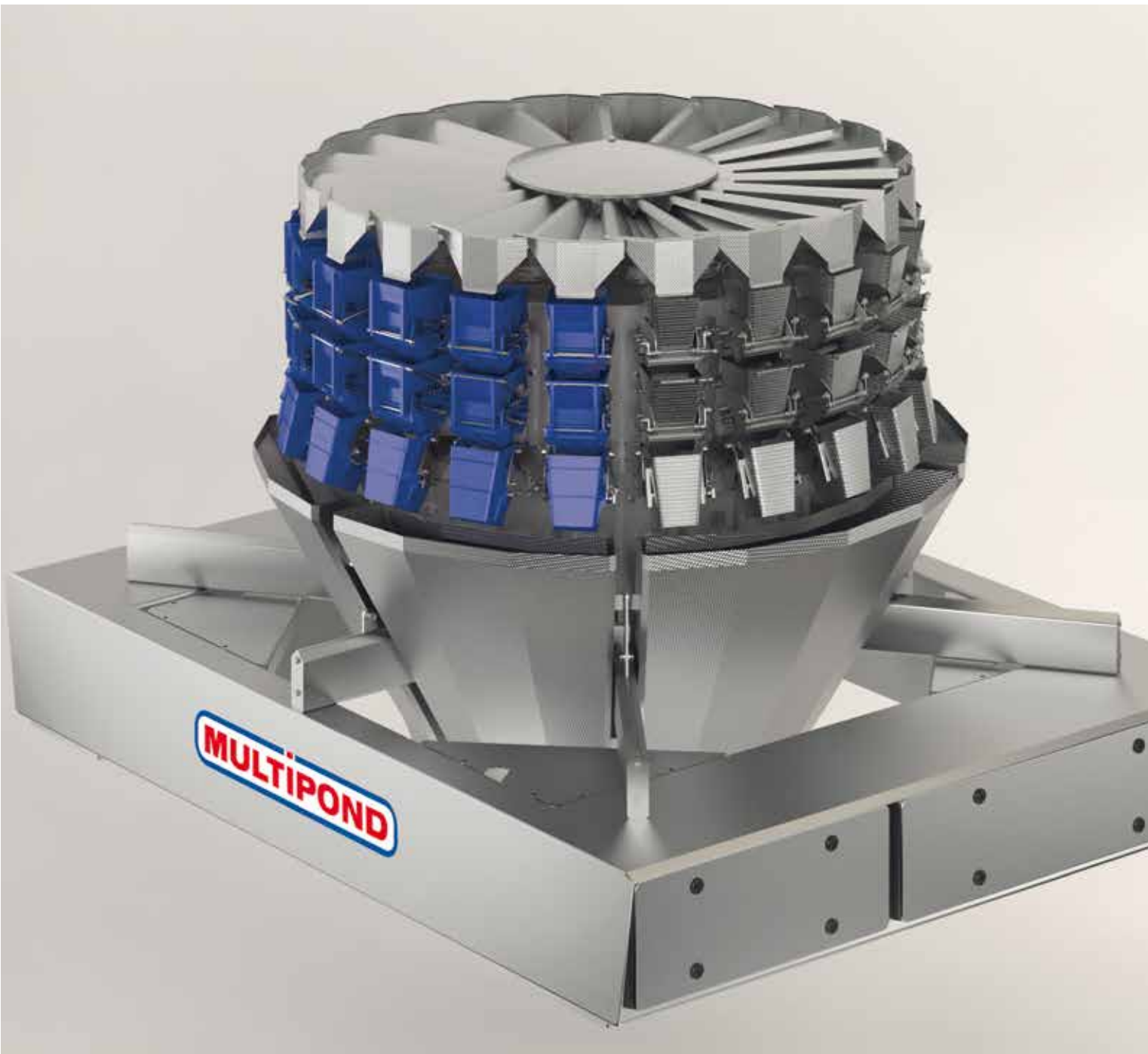
\* in combination mode

### MACHINE DIMENSIONS

A	B	C	D for 45°	D for 60°
1250	1790	1300	39	453
1650	2190	1300	169	662
1650	2190	1300	248	793
2300	2840	1300	495	1270

Subject to change.





## S5-OZB: WEIGHING SYSTEM WITH SPECIAL REJECT OPTION FOR OVER WEIGHTS WITHOUT USING MEMORY HOPPERS

The principle of this system is based on the principle of the S5R version, while doing without memory hoppers. Following the weighing process, the portions are directly rejected down a separate chute via specially developed swivelling funnels. The swivelling funnel changes its position in case of over weights. In this case it swings outwards **6** and rejects the overweight, correctly sorted, **7** down a separate chute before packaging process. During this time the weighing system continues the weighing process, so that there is no loss of weighing performance / speed. The discarded product can now be fed back to the weighing process manually or automatically. This guarantees the highest possible product yield. This option is available for weighing systems with 16, 20, 24 and 36 weighing heads. This system is thus optimally suited for counting individual piece weights and weighing small quantities or target weights, as is frequently necessary in the ready meals or confectionery industry, for example.

### Advantages compared to conventional systems:

- » Discharge of over weights without sacrificing speed
- » Correctly sorted reject and thus maximum product yield

## SPECIAL VARIANTS

# SERIES 2400-S5-OZB

## FACTS

- » Up to 150 weighings per minute in combination mode
- » Portion weights for individual dump: up to 1.500g / 3.000g
- » Higher weights in large portion or multiple dump mode are possible
- » Maximum accuracy
- » Fully automatic calibration and taring
- » Product-specific equipment
- » Ideal for high-speed and mixing applications
- » Dust and water-repellent design
- » Combining, mixing, counting and dosing applications

## TECHNICAL DATA

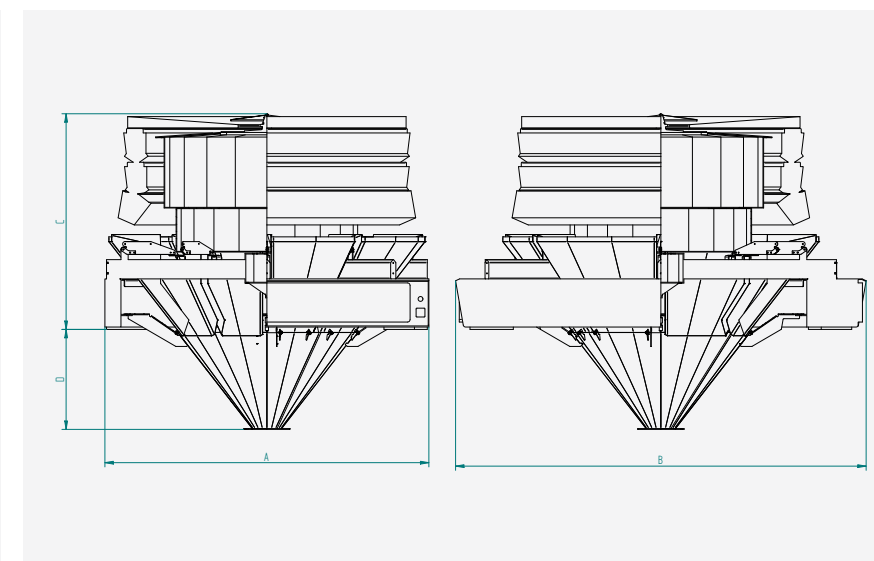
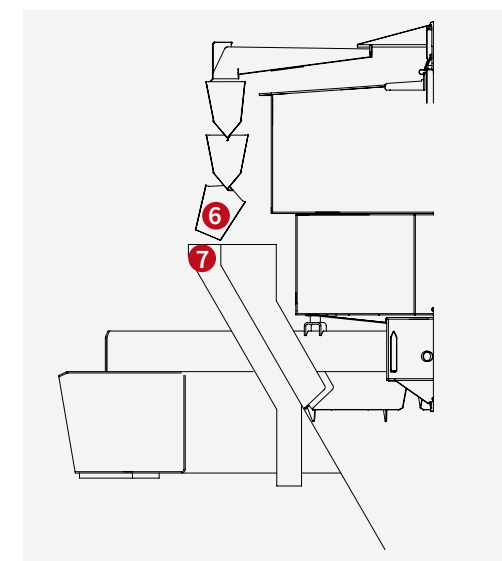
Type	Number of weigh hoppers	Max. theoretical weighings per minute* (depending on product and target weight)
MP 16-2400/1250-S5-OZB	16	70
MP 16-2400/2500-S5-OZB	16	70
MP 20-1000/1250-S5-OZB	20	150
MP 20-1000/2500-S5-OZB	20	150

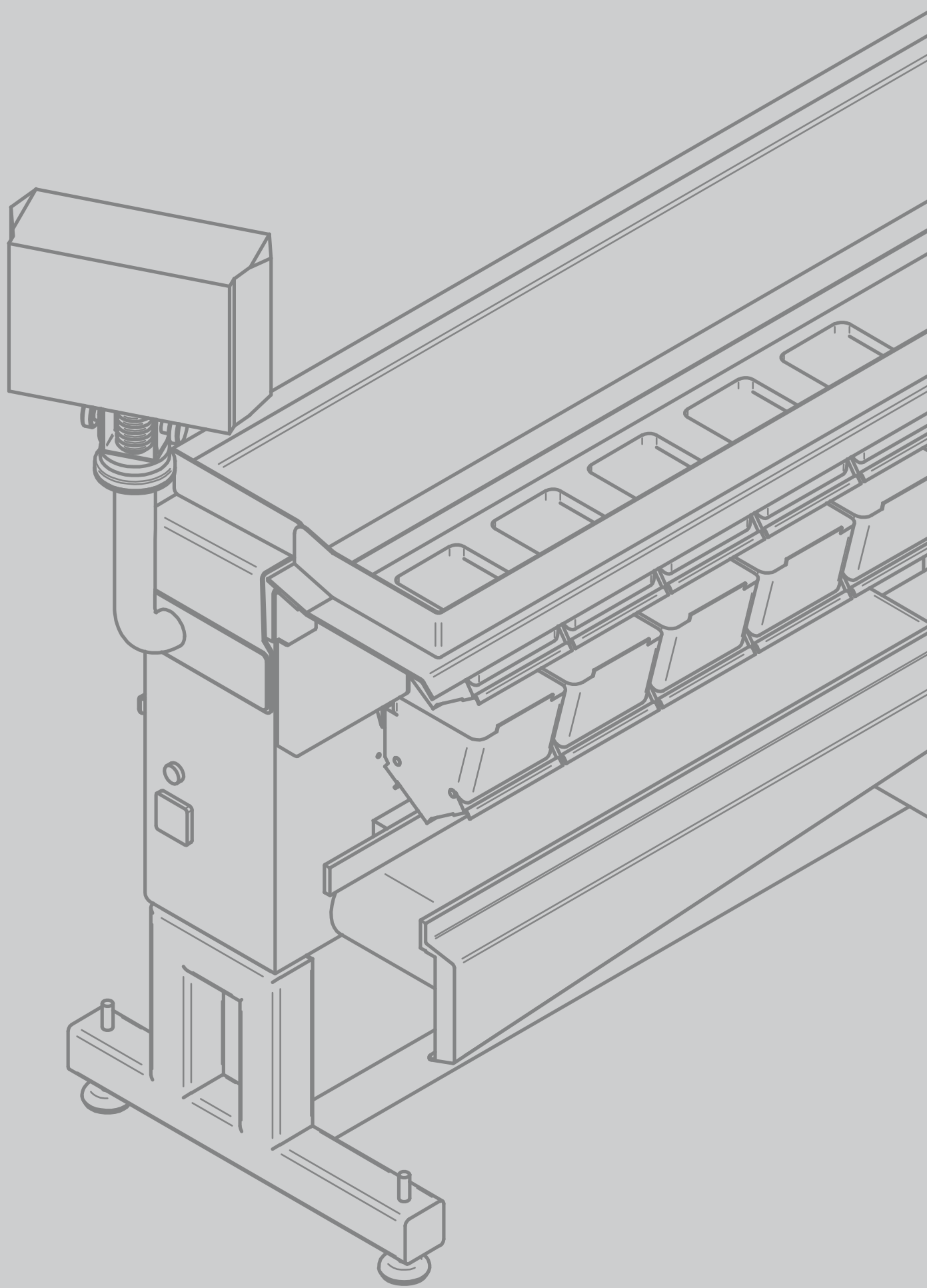
\* in combination mode

## MACHINE DIMENSIONS

A	B	C	D for 45°	D for 60°
1250	1790	1300	39	453
1250	1790	1300	39	453
1650	2190	1300	169	662
1650	2190	1300	169	662

Subject to change.





## SPECIAL WEIGHING SYSTEMS

MOBILE SYSTEMS, WEIGHING SYSTEMS FOR  
GRANULAR PRODUCT, SEMI-AUTOMATIC SYSTEMS  
FOR PRODUCTS WHICH ARE DIFFICULT TO FEED



PRECISE  
AND  
ACCURATE  
WEIGHING



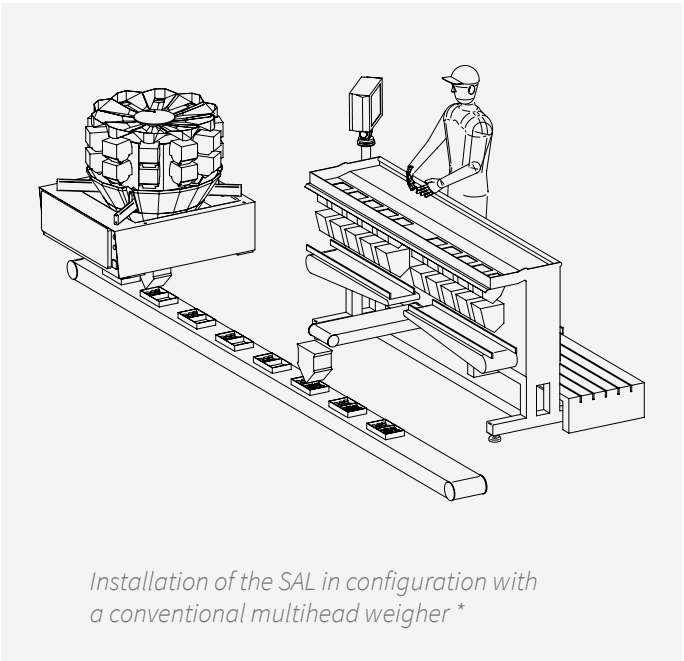
SPECIAL WEIGHING SYSTEMS  
SERIES SAL/SAR

FACTS

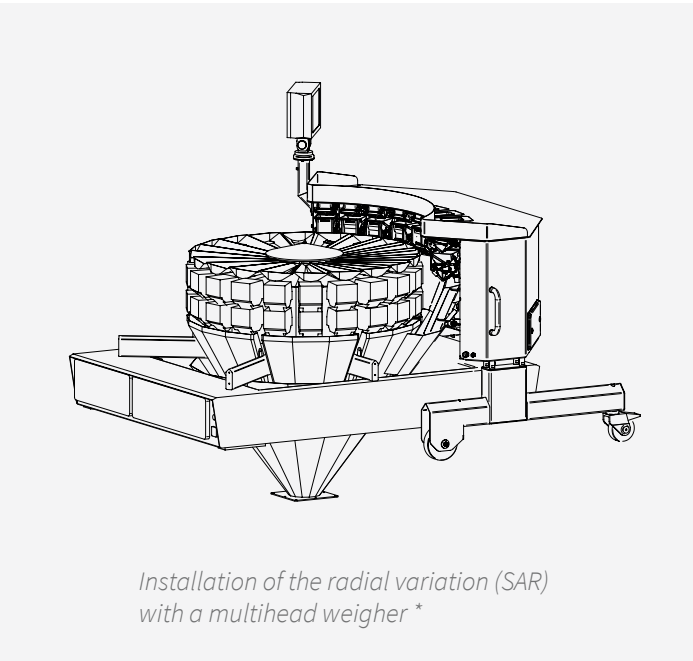
- » Ideal entry point for automated production
- » The weigher is ideally suited for the weighing of products which are difficult to feed on a conventional weigher
- » When used in conjunction with a conventional multihead weigher this unit can be used to weigh / count sub components giving a cost effective mixed weight function
- » Efficient weighing of small batch sizes
- » Higher productivity and accuracy in comparison with manual weighing
- » Target weights from 0.5g to 12.000g (depending on load cells / type of weigher)

TECHNICAL DATA

Attainable output (for weighing 500g chicken portions, approx. 4-5 pieces):	1 operator: 20-25 weighings per minute 2 operators: 40-45 weighings per minute (depending on the number of pieces, target weight, number of operators and product)
Hopper volume (absolute / effective), depending on weigher type:	1000ccm / 320ccm 2600ccm / 840ccm 3100ccm / 2000ccm
Automatic calibration (integrated calibration weights):	Included as standard
Automatic taring:	Included as standard
Subject to change.	



Installation of the SAL in configuration with a conventional multihead weigher \*



Installation of the radial variation (SAR) with a multihead weigher \*

\* Further combinations are possiblemöglich.

MOBILE  
AND  
FLEXIBLE  
WEIGHING



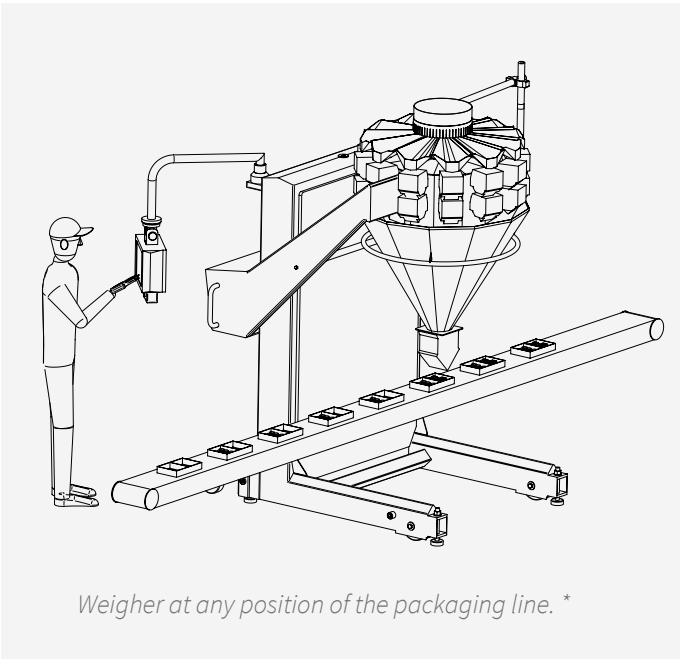
SPECIAL WEIGHING SYSTEMS  
SERIES LW 1000

FACTS

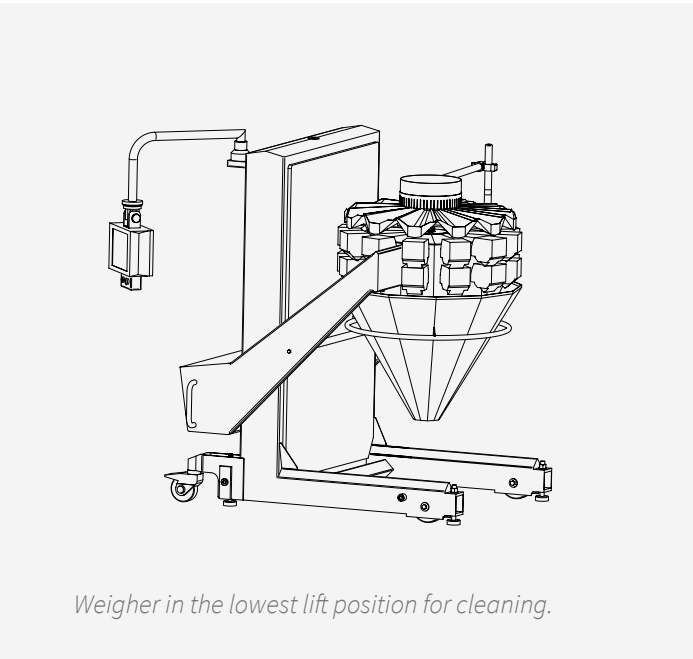
- » Mobile design enables use at several locations
- » No platform required
- » Flexible synchronization options with all common packaging machines
- » Maximum accuracy
- » Product-specific equipment
- » Fully automatic calibration and taring
- » Dust and water-repellent design

TECHNICAL DATA

Dimensions (L x W x H):	In lowest lift position: 1879 x 1616 x 2098 (mm) In highest lift position: 1879 x 1616 x 2902 (mm)
Weight:	1.010kg
Attainable output:	Up to 150 weighings per minute
Volume weighing hoppers (absolute / usable):	400ccm / 150ccm
Automatic calibration:	Included as standard
Automatic taring:	Included as standard
Subject to change..	



Weigher at any position of the packaging line. \*



Weigher in the lowest lift position for cleaning.

\* Further combinations are possible.

WEIGHING OF  
POWDER  
AND  
GRANULAR  
PRODUCTS



SPECIAL WEIGHING SYSTEMS  
SERIES DW 6100

FACTS

- » Up to 30 weighings per weighing head per minute
- » Portion weights per weighing head: up to 2.500g
- » Flexible synchronization options with all common packaging machines
- » Maximum accuracy
- » Product-specific equipment
- » Fully automatic calibration and taring
- » Dust-repellent design
- » Ideal for the weighing of free-flowing powder and granular products

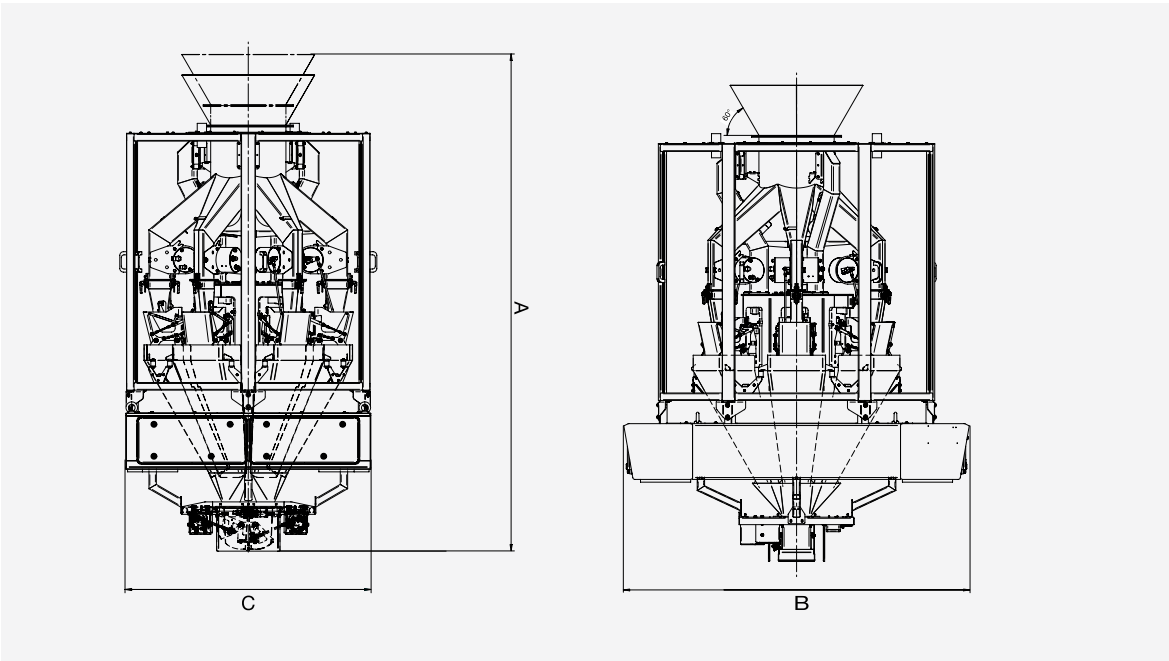
TECHNICAL DATA

Type	Number of weigh hoppers	Max. theoretical weighings per minute* (depending on product and target weight)
DW 02-6100/2500-H	2	60
DW 03-6100/2500-H	3	90
DW 04-6100/2500-H	4	120
DW 06-6100/2500-H	6	180

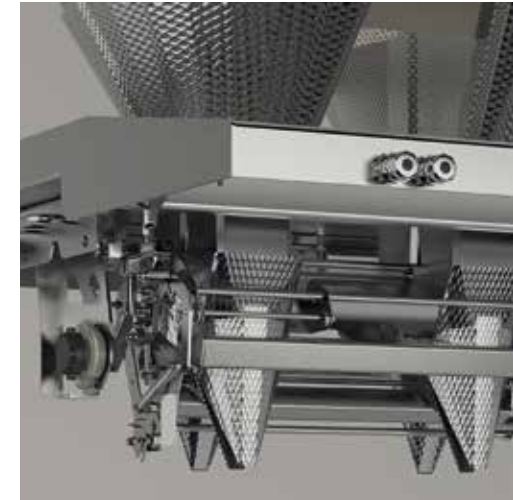
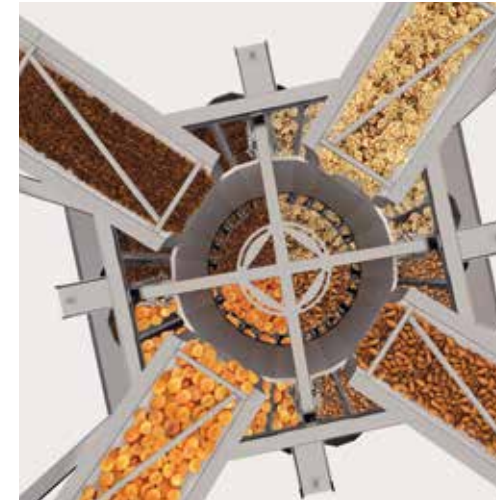
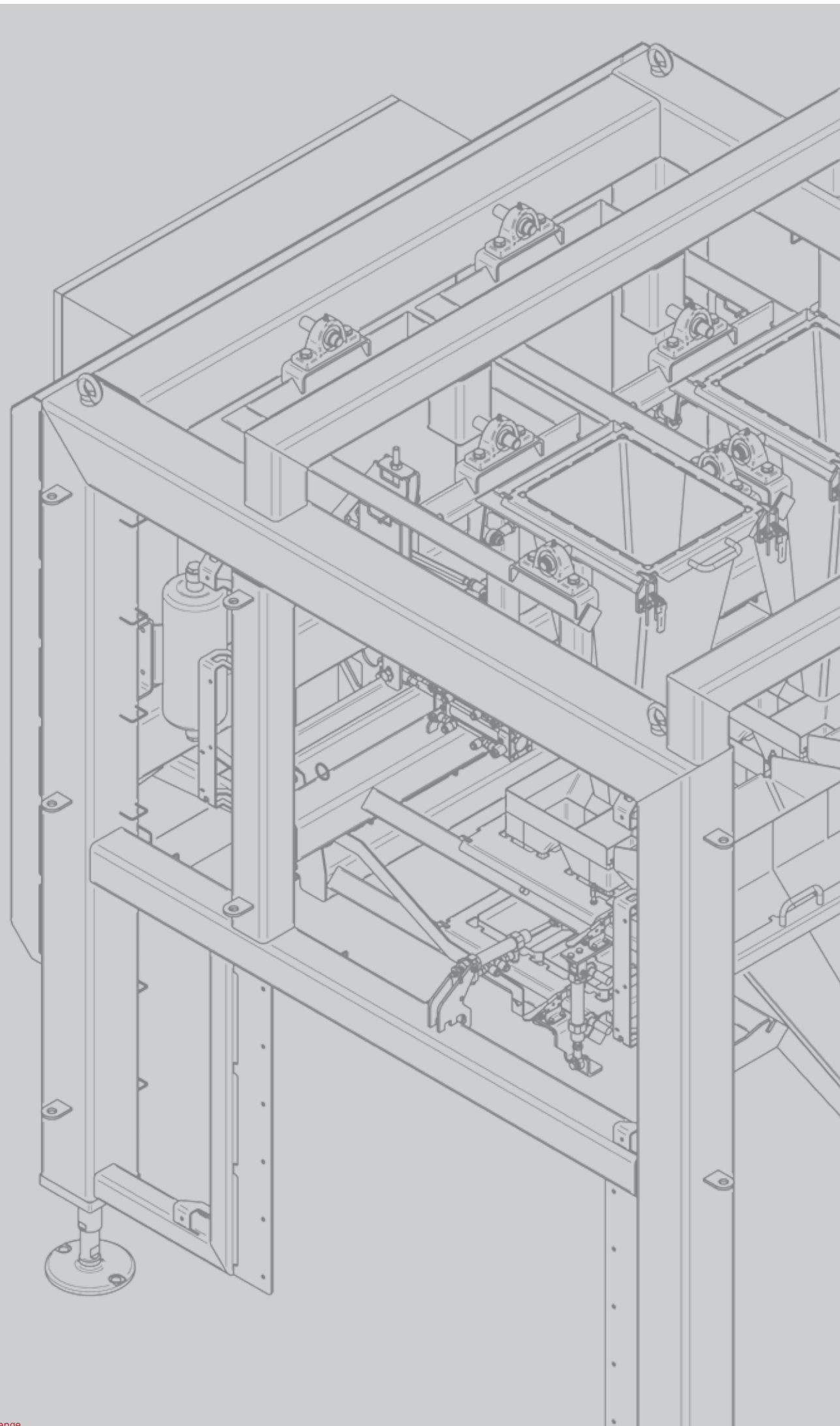
MACHINE DIMENSIONS

A	B	C
2673	1860	1300
2673	1860	1300
2673	1860	1300
2673	1860	1300

Subject to change.

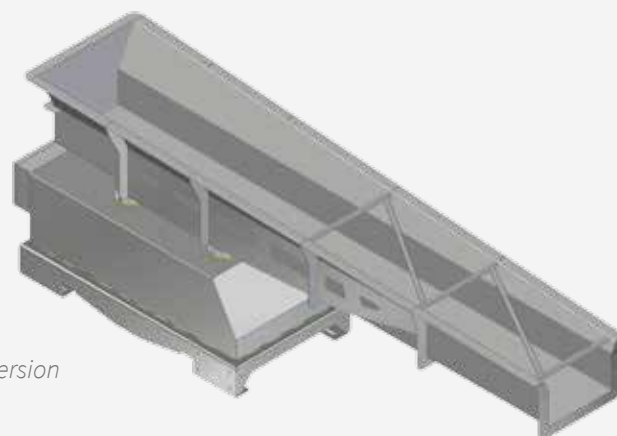




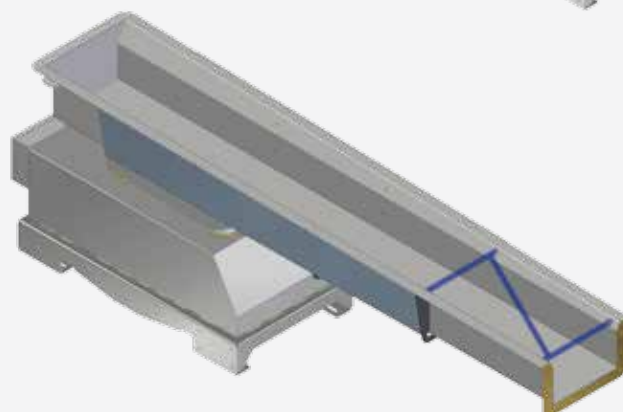


## ADDITIONAL EQUIPMENT

PRODUCT FEED EQUIPMENT & TRANSFER,  
DISTRIBUTION AND FILLING SYSTEMS



Basic version



Hygienic version

## BENEFITS

- » Fully seal-welded case construction without doubled sheet metal
- » Easy-to-clean surface, complies with even the most stringent hygiene requirements found in the food-processing sector

## ADDITIONAL EQUIPMENT PRODUCT FEED EQUIPMENT

### FACTS

We offer the following options in terms of cross head feeders tailored precisely to your production and product requirements:

- » Length (1000 mm or 2000 mm)
- » Width (175 mm, 180 mm, 280 mm or 400 mm)
- » Sensor-controlled swing width, automatic re-adjustment of the operating frequency, e.g. as leaf springs age, an alert upon reaching a specified lower cutoff frequency – excess deflection during operation as the result of leaf spring aging is no longer possible
- » Control system incorporated directly into the weigher (separate control also possible) \*
- » Different contact surfaces such as textured, smooth, polished, coated, stepped profile, etc.
- » Wash Down construction → Entire drive housed in stainless steel enclosure
- » Ambient temperature range: -10°C to +40°C \*\*
- » Special options: Fines removal, for instance, when feeding sugar-coated products, water removal for products such as mussels, etc.

\* Only external control system possible with certain types of machines

\*\* Other designs possible for specific requirements

### TECHNICAL DATA

BE-Type	Length (mm)	Width (mm)	Amplitude	Wet operation	Dry operation
BE-EXT 2000 / 280-C / VA	2000	280	Max. 37 / 10 mm at approx. 36 Hz	●	
BE-EXT 2000 / 180-C / VA	2000	180	Max. 37 / 10 mm at approx. 36 Hz	●	
BE-EXT 2000 / 400-C / VA	2000	400	Max. 37 / 10 mm at approx. 36 Hz	●	
BE-EXT-HD 2000 / 400-C / VA	2000	400	Max. 90 / 10 mm at approx. 22 Hz	●	
BE-EXT-HD 2000 / 280-C / VA	2000	280	Max. 90 / 10 mm at approx. 22 Hz	●	
BE-EXT-HD 2000 / 180-C / VA	2000	180	Max. 90 / 10 mm at approx. 22 Hz	●	
BE-EXT 1000 / 175-C / VA	1000	175	Max. 37 / 10 mm at approx. 36 Hz	●	
BE-EXT 1000 / 175-AC / ST	1000	175	Max. 37 / 10 mm at approx. 36 Hz		●
BE 1000 / 175-C / ST	1000	175	Max. 35 / 10 mm at approx. 34 Hz		●

Subject to change.



Bags



Bags (re-sealable)



Blister packs



Tins / cans



Glass



Plastic pots



Trays, (one filling point)



Trays, (multiple filling points)



Trays, (multiple filling points with lid)



Yoghurt pots

## BENEFITS

- » Individual, tailor-made systems
- » Decades of experience – with more than 600 systems already built
- » Multi-flexible synchronization options for all standard packaging machines
- » MULTIPOND takes responsibility for everything from the weighing process to the packaging stage
- » Actuation from the weigher (no separate PLC required, both devices use a shared menu)
- » Hygienic design – all parts can be removed for cleaning without the need for tools
- » Suitable for direct integration with the packaging machine
- » Fast, tool-free format changes, 1 to 24-way formats possible
- » Portable or stationary
- » Safety devices
- » Individual adaptation of the software is possible
- » No contamination of sealing surfaces
- » Reliable supply of approved replacement parts
- » High quality thanks to MP standard

## ADDITIONAL EQUIPMENT TRANSFER / DISTRIBUTION / FILLING SYSTEMS

### EXAMPLES:

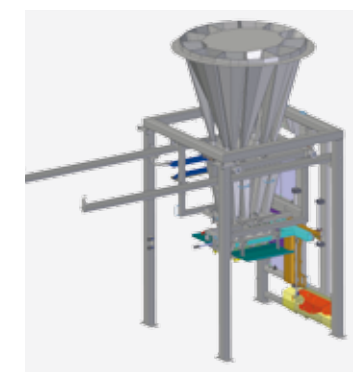
#### PRODUCT: CEREALS

**Requirement:** Filling the cereal compartment of a 2-compartment yoghurt pot, with interchangeable format

**Rated fill weight:** 12g to 20g

**Performance:** 12-way format – 12 x 30 = 360 weighing operations per minute  
16-way format – 16 x 30 = 480 weighing operations per minute  
18-way format – 18 x 30 = 540 weighing operations per minute  
24-way format – 24 x 20 = 480 weighing operations per minute

**Format:**



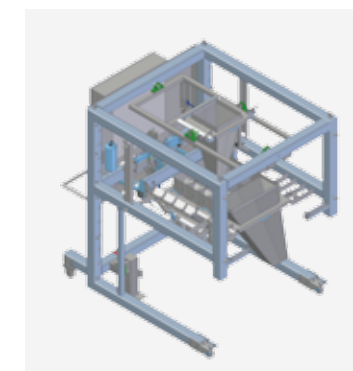
#### PRODUCT: SURIMI PIECES, VERY STICKY

**Requirement:** Filling of thermoformed trays, with interchangeable format (4x2, 3x2, 2x2, 1x2) and ejection of rejects

**Rated fill weight:** 113.4g to 2.265g

**Performance:** Up to 100 weighing operations per minute

**Format:**



#### PRODUCT: FRESH, CUT, COOKED MEAT

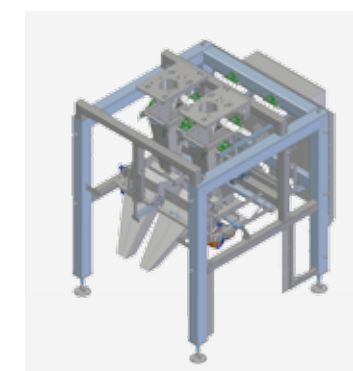
(e.g. chicken, ham, turkey)

**Requirement:** Transfer to tray line, 2 tracks / 4 rows, with ejection of rejects

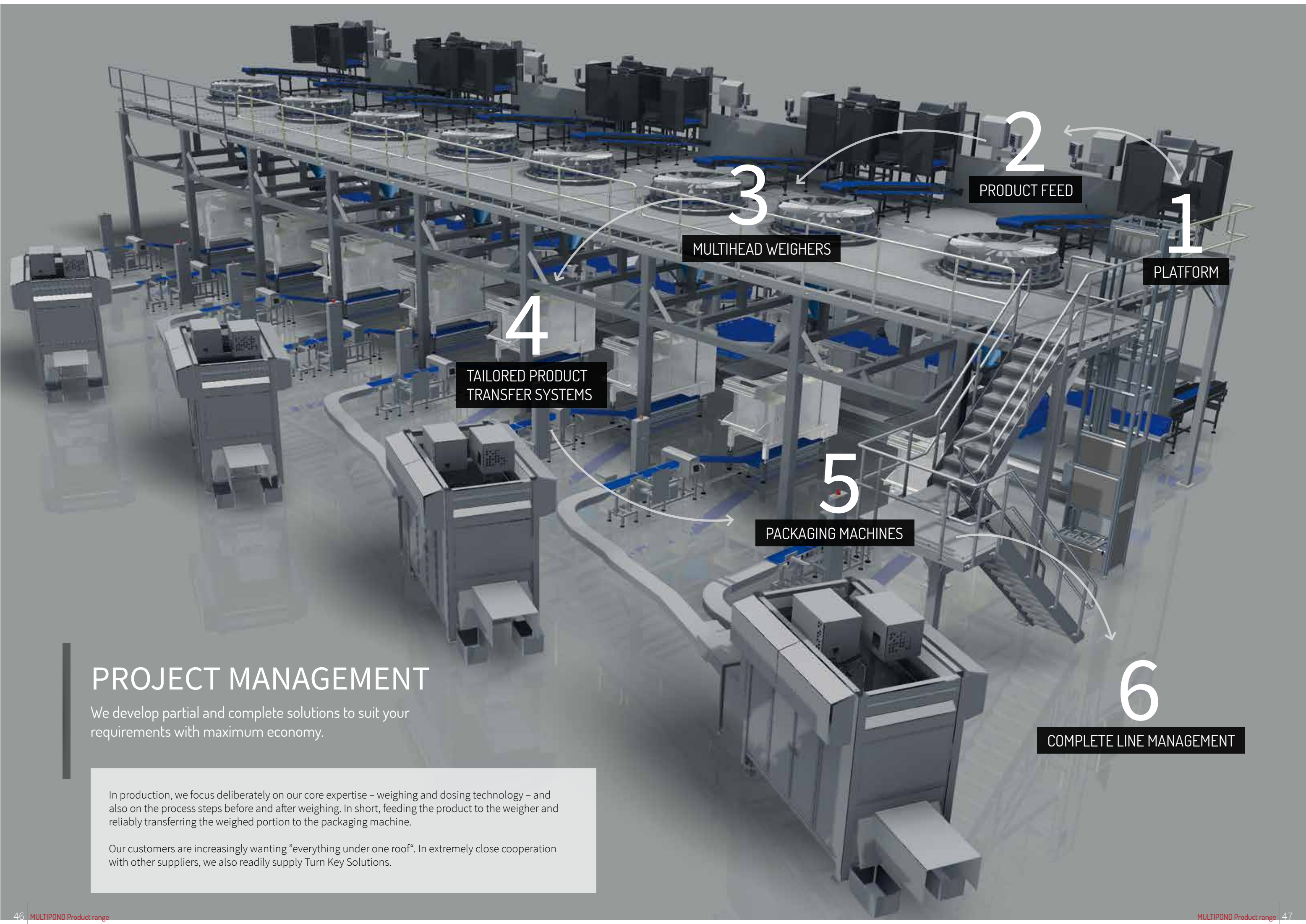
**Rated fill weight:** 198g to 226g

**Performance:** 2 x 80 weighing operations per minute

**Format:**







## PROJECT MANAGEMENT

We develop partial and complete solutions to suit your requirements with maximum economy.

In production, we focus deliberately on our core expertise – weighing and dosing technology – and also on the process steps before and after weighing. In short, feeding the product to the weigher and reliably transferring the weighed portion to the packaging machine.

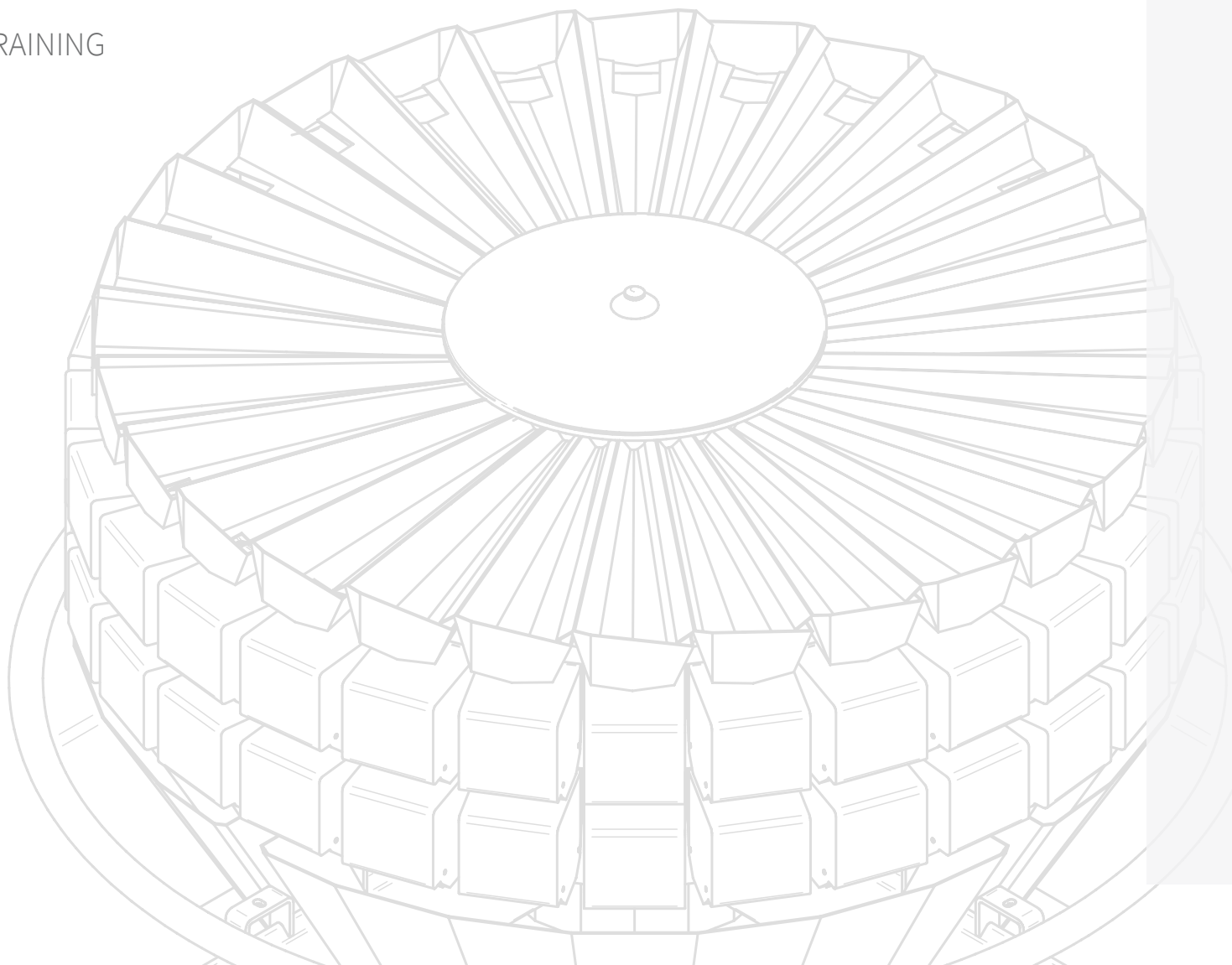
Our customers are increasingly wanting "everything under one roof". In extremely close cooperation with other suppliers, we also readily supply Turn Key Solutions.

# SERVICES

How can we support you?



- » INSTALLATION AND COMMISSIONING
- » MAINTENANCE
- » REPAIRS
- » SUPPLY OF SPARE PARTS AROUND THE WORLD
- » MACHINE RECONDITIONING
- » MODIFICATIONS
- » TRAINING



## INSTALLATION AND COMMISSIONING

- » Optimal interface customization
- » Optimized settings of the work programs
- » Qualified instruction about handling the weighers

## MAINTENANCE

- » Modular service agreements building on each other: Economy – Standard – Comfort

## REPAIRS

- » Telephone support for initial assistance
- » Qualified service technicians for fast on-site assistance

## SUPPLY OF SPARE PARTS AROUND THE WORLD

- » Spare part delivery when ordered by 1 p. m. within 24 hours if logistically feasible
- » MULTIPOND provides its own service directly at the customer in 4 countries through subsidiaries
- » Supply of spare parts through MULTIPOND agents

## MACHINE RECONDITIONING

- » General overhaul at the headquarters
- » Or also directly on-site if required

## MODIFICATIONS

- » Conversion of the weighers for new requirements
- » Advice for optimal equipment of the weighers
- » Software customization according to customer requirements

## TRAINING

- » Training by experienced service technicians
- » Training for customer technician
- » Customer-specific / equipment-specific application training for the customer
- » Basic training and customer-specific training in our training center in Waldkraiburg for customer technicians and operators



## CONTACT

[www.multipond.com](http://www.multipond.com)

### HEADQUARTERS AND MANUFACTURING FACILITIES

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ON CUSTOMISED  
WEIGHING SYSTEMS  
FROM TRIED AND  
PROVEN MODULES  
AND NEWLY DEVEL-  
OPED COMPONENTS.**

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Engineered and Manufactured  
in Germany