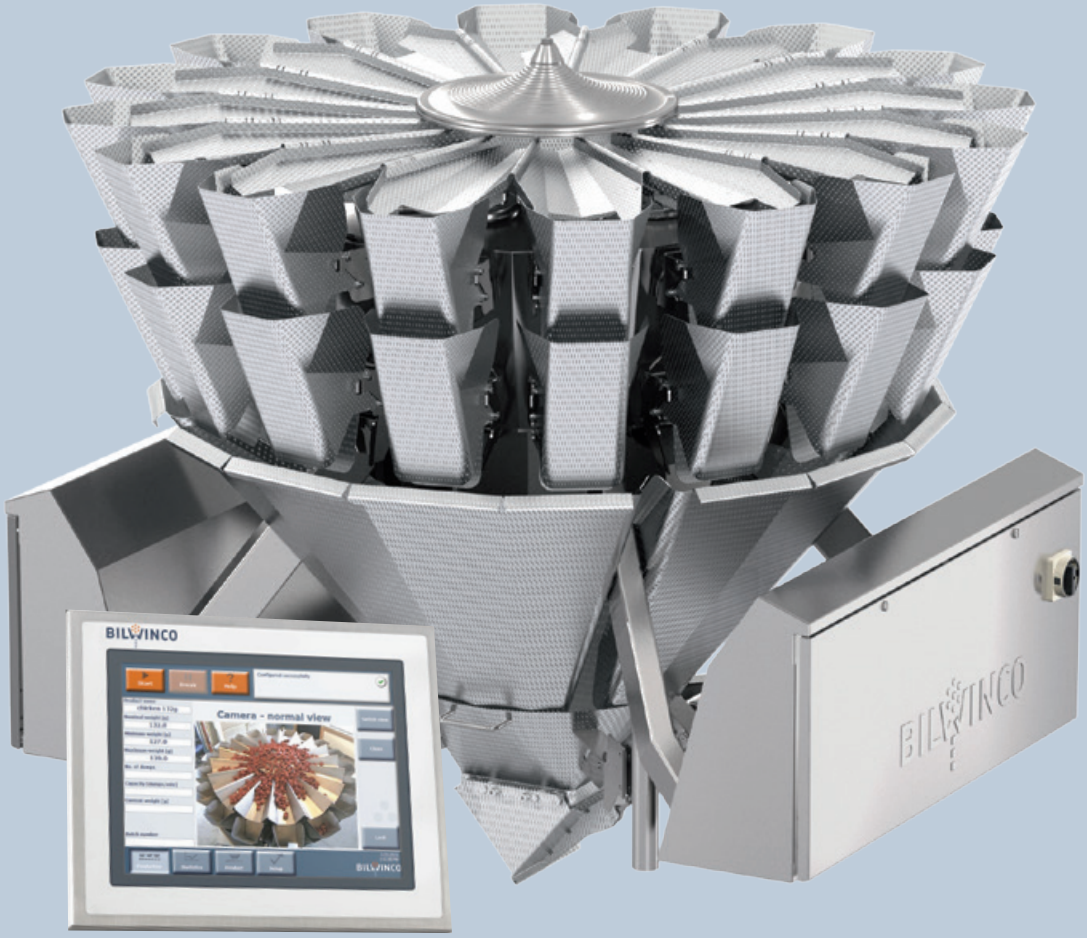
BILWINCO
The Shamrock Group The weigh to solutions

RW REVOLUTION WEIGHER

- LESS GIVEAWAY – direct weighing ensures 20-30% less giveaway compared to traditional weighers
- VERY COMPETTITIVE AND HEAVY DUTY SOLUTIONS – keep productivity high and costs down.
- LOWEST COST OF OWNERSHIP (COO) on the market

YOUR PRODUCTIVITY IS OUR CONCERN

Robust and reliable machines are key factors in your production - but costs are too. Our newest design for the dry food industry has become even more competitive, though still offering the most hygienic and smooth design on mar-ket. Our vibrator technology can be set to move almost any product carefully and efficiently, including difficult products such as sticky dried fruits or fragile cookies and candies.



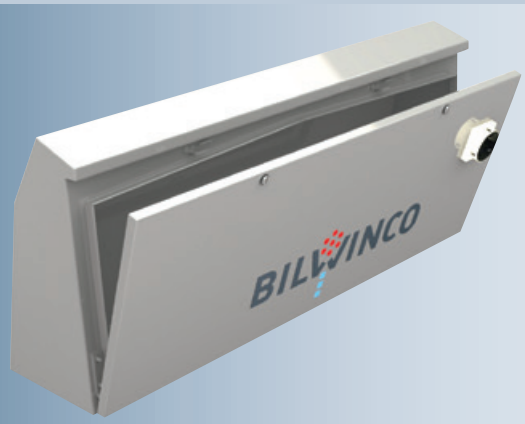








RW REVOLUTION WEIGHER



COMBINE UNIQUE DESIGN AND GREAT FUNCTIONALITY

Open just one hinged door and You have full access to the main scale control. The most hygienic multihead on the market, of course also include hygienic waterproof cabinets, even on the non wash-down versions. This ensures you no dust coming thru to the electronic components.

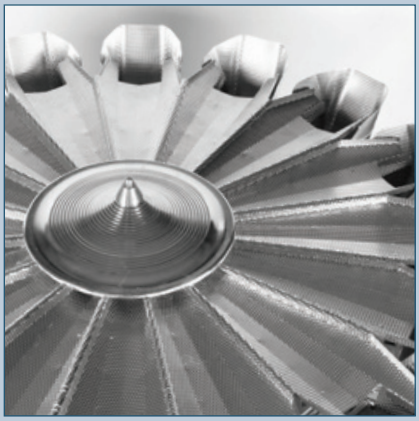
Reduce risk of caramelizing. When running sugar or sugared products, it is of high importance that the scale body is not heated by inner electronic components. Electronic components are kept away from the Bilwinco Revolution machine body.

BILWINCO – EASY OPERATION

The RW Revolution Series comes with the largest Touch Screen HMI on the market for Multihead Scales. The size makes it easy for the operators surveying the clear menus and operate the large buttons. The user-friendly 15" Screen features OEE readings (Operating Equipment Efficiency), Statistical data, Operator Settings and much more. Data is shown on-screen or sent to a USB stick or via Ethernet to other devices. Data can be displayed through performance graphs to help optimizing. Basically all historical data are logged. The control panel is cased in a smooth and easy to clean stainless steel IP65 rated frame, and for mounting in positions being most convenient for the operators. A very nice optional feature is the operator-time-saving integrated survey cam, making it possible to survey the top of the multihead from floor level - and from there even direct the cam and zoom in if required.



FULLY AUTOMATIC CONTROLLED VIBRATORS



High speed and high accuracy starts with the ability to transport the product perfectly. This machine starts out with basic default settings, but within few seconds the control has optimized the speed and performance automatically, which makes the job for the operator easy and the production managers happy. It is a skill Bilwinco has been known for, as the best in the market, since 1955. Every machine leaving the factory has gone through a custom and product dependent routine, securing ideal amplitude and frequency for the specific product and project requirements.

DIRECT WEIGHING GIVES YOU THE MOST ACCURATE AND FASTESTWEIGHING SYSTEM AVAILABLE

Weighing hoppers are attached directly to the load cells without the need of gaskets in between – this is called direct weighing and is the most direct way to read stable and reliable load signals. It is the "The Bilwinco way". Combine this with a robust scale body design and unique electronic weighing technology and software – and it all ensures you the best and most reliable accuracy ever. Should you accidently brake the load cell, of course you should replace the load cell only, and nothing else.







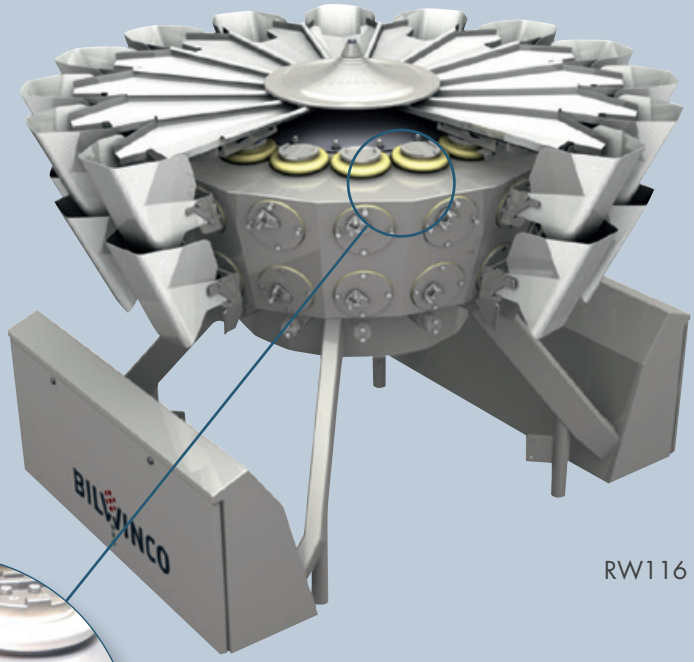


BILWINCO
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RW REVOLUTION WEIGHER



- In some dry food applications, the product zone may need a full wash down on regular basis. Candies may generate a build-up and dried fruits may leave a sticky sugared surface at the end of the day. You can COP our product zones or wash them in our integrated wash stations right next to the scale.

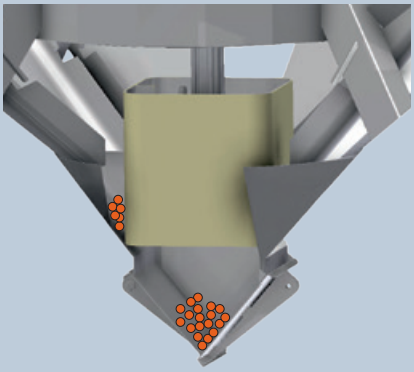


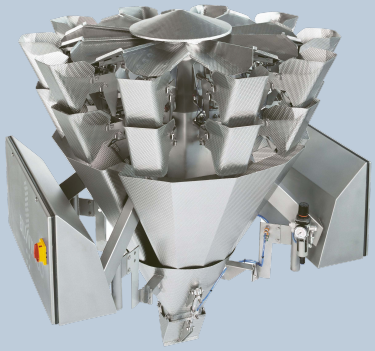
RW116



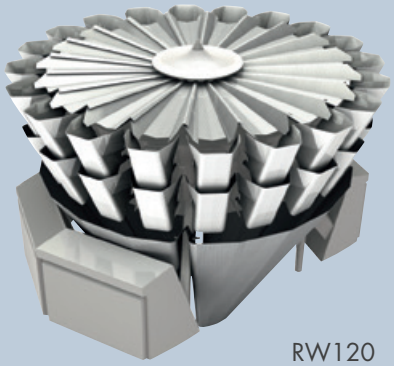
- An angled top being fully welded onto the sleek body, leads to no unhygienic edges or overlapping seams. Under the principle of "fix only what is broken", you can access or replace individual components.
- One actuator eg comes free by loosening just four bolts.
  This is part of the reason why this machine is the most economic machine to maintain on the market.

- Special features like our soft-drop can be integrated to soften the discharging of fragile cookies and candies. The compact scale design further offers less dropping and more sliding than others, and therefore we do handle your products more gently.





RW110



RW120









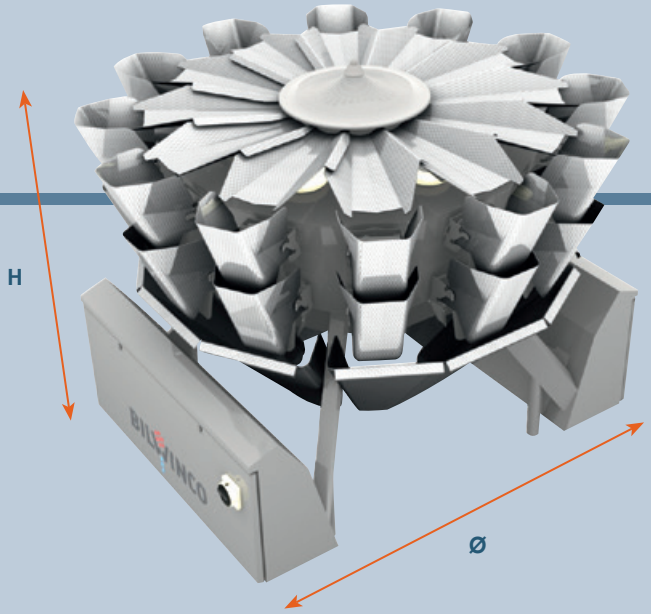
Technical details

MODEL	RW110	RW112	RW116	RW120	RW212	RW216	RW220	RW316
Product Sizes (mm)	2-130	2-150	2-130	2-130	2-180	2-180	2-180	5-240
Bucket sizes (L)	1-2	1-2-3	1-2	1-2	5	5	5	10
Portion Volume (L)	3-4	3-8	3-5	3-5	3-20	3-20	3-20	5-35
Accuracy (g)	+/- 0,5-1	+/- 0,5-1	+/- 0,5-1	+/- 0,5-1	+/- 1-2	+/- 1-2	+/- 1-2	+/- 1-3
Capacity (ppm)	Up to 75	Up to 90	Up to 140	Up to 200	Up to 75	Up to 100	Up to 140	Up to 65
Dimensions (mm)	Ø 1394 H 1046	Ø 1457 H 1167	Ø 1494 H 1167	Ø 1664 H 1206	Ø 1895 H 1373	Ø 2083 H 1373	Ø 2409 H 1373	Ø 2439 H 1707
Weight (kg)	~375	~440	~540	~660	~860	~1150	~1433	~1335
High Power Vibrators	●	●	●	●	●	●	●	●
Linear Drive springless Vibrators	–	○	○	○	○	○	○	–
Pneumatic Actuators	●	●	●	●	●	●	●	●
Electrical Acutators	○	○	○	○	○	○	○	–

● Standard ○ Option * Since the leaflet was produced, both a RW114 and a RW124 edition has been developed, please contact our Sales Dept. for further details

We reserve the right to introduce design modifications without prior notice. Errors and omissions excepted.





BILWINCO
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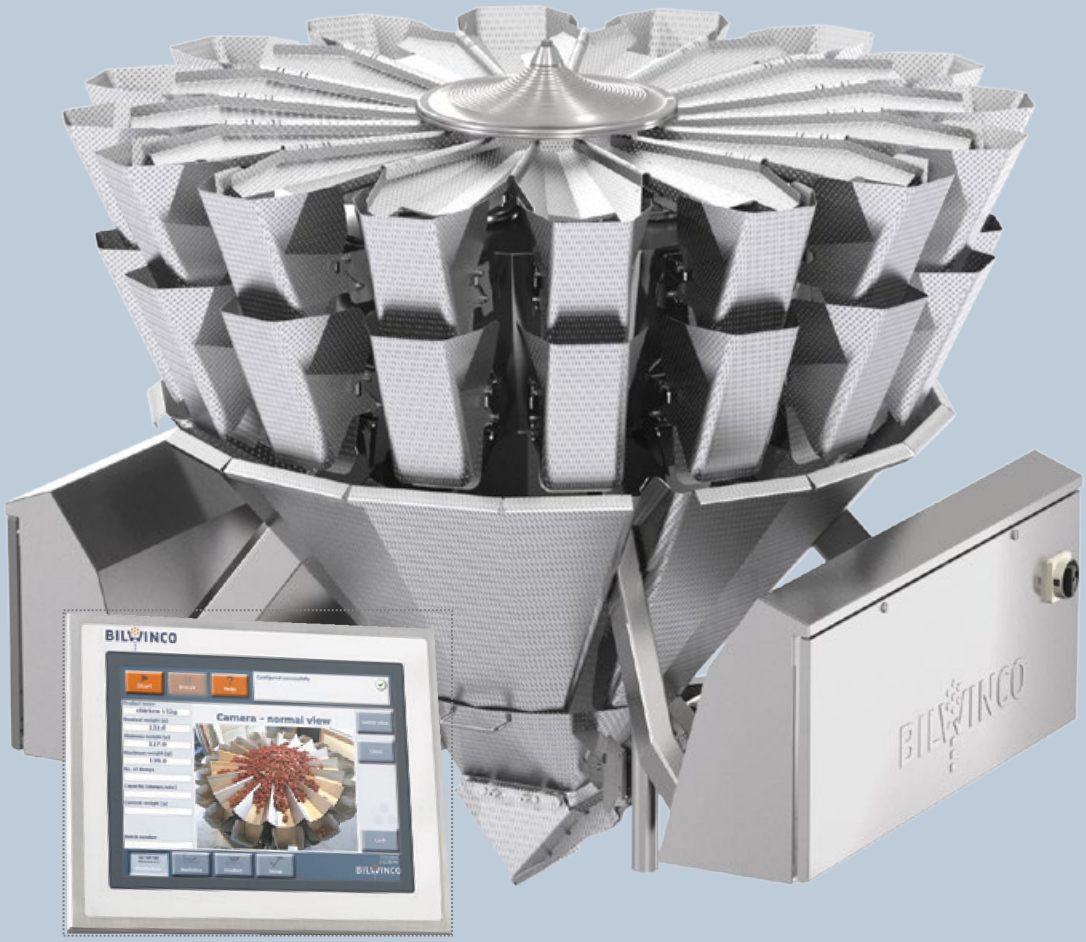
BILWINCO
The Shamrock Group ■ The weigh to solutions

R W
Revolution Weigher

- LESS GIVEAWAY – direct weighing ensures 20-30% less giveaway compared to traditional weighers
- HIGHER CONSTANT THROUGHPUT with HIGH POWER and SUPERB VIBRATION TECHNOLOGY you keep productivity high, and you can handle products no-one else can.
- LOWEST COST OF OWNERSHIP (COO) on the market

Your productivity is our concern

By completely rethinking the way we handle your product, from the product infeed over the centre cone and into the individual weigher heads we have accomplished nothing less than a performance leap in this crucial area. Our vibrator technology can be set to move almost any product carefully and efficiently, including difficult products such as wet, sticky/ greasy, and fragile products.



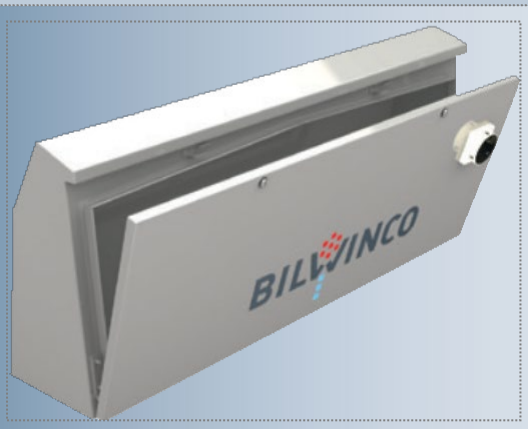








BILWINCO
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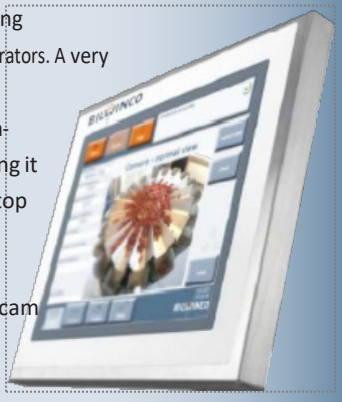
COMBINE UNIQUE DESIGN AND GREAT FUNCTIONALITY

Open just one hinged door and you have full access to the main scale control. Angled surfaces allow no water to stay or bacteria to grow. The most hygienic multihead on the market, of course also include hygienic waterproof cabinets. Even the inner extra rim behind the door, is angled for easily leading sanitation water away. A small detail, like the door closes protected UNDER an angled roof, makes a big difference in the daily sanitation process.

The steep angles also ensure a quicker and safer drying process.

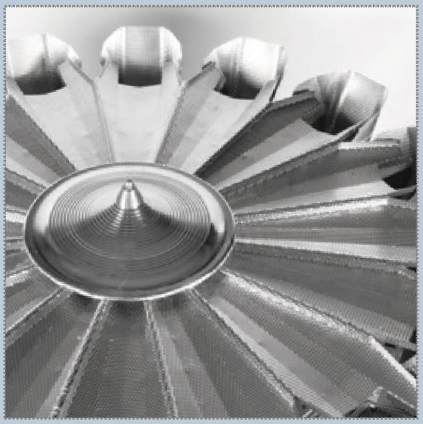
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A VERY POWERFUL CENTER EVIBRATOR

A key factory in high speed and accuracy, is the ability to transport the product perfectly. High power vibration by means of flexible vibration frequency and high or low amplitude, is a skill Bilwinco has been known for, as the best in the market, since 1955. Every machine leaving the factory has gone t a custom and product dependent routine, securing ideal amplitude and frequency for the specific product and project requirements.



NOTHING BUT THE BEST L OADCELLS ON MARKET

Are of course to find on this unique machine. Overload protected, high speed, high resolution, direct weighing – even hygienic and round – are words belonging to the integrated Bilwinco Weighing Technology and it all ensures you the best and most reliable accuracy ever. Should you accidently brake it, of course you should only replace the loadcell, and nothing else.











R W
Revolution Weigher

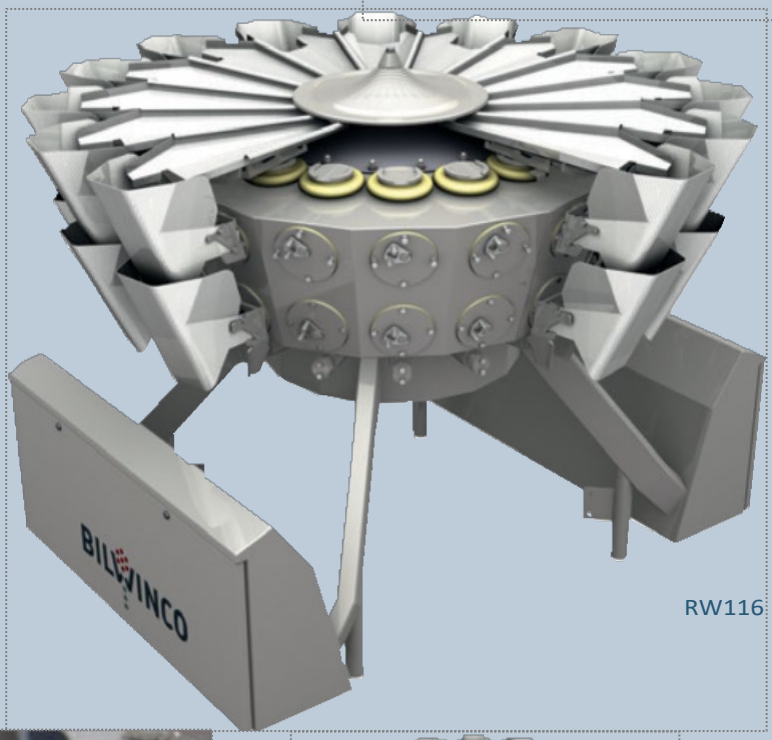
Water resistance is tested under extreme conditions for several hours of high pressure sanitation. The fully waterproof scale is guaranteed for several daily sanitations with up to 900 PSI (60 Bar) of direct high pressure water jet at 20”/500 mm. As part of the design phase, all gaskets are however tested positive at 120 bars (1800 PSI) of direct water jet at distances below 10”/250 mm.







RW110



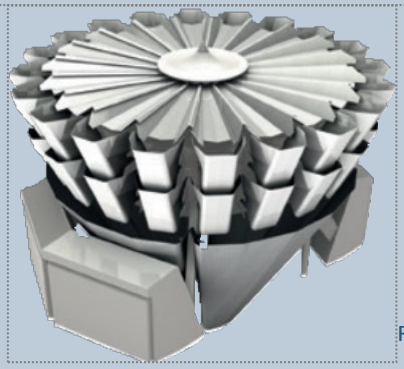
RW116

The actuators are turned and therefore offers a smoother surface. An angled top fully welded onto the sleek body, leads to no unhygienic edges or overlapping seams. Under the principle of “fix only what is broken”, you can access or replace individual components. One actuator e.g., comes free by loosening just 4 bolts. This is part of the reason why this machine is the most economic machine to maintain on the market.





Every tiny detail has been carefully designed for highest level of hygienic design and best sanitation. The machine has gone thru and passed all the toughest bacterial tests. As part of the tests, a handheld device scans for potential bacterial leftovers after sanitation.



RW120









Technical Details

Bilwinco Multihead Weigher Wet version – 100 series

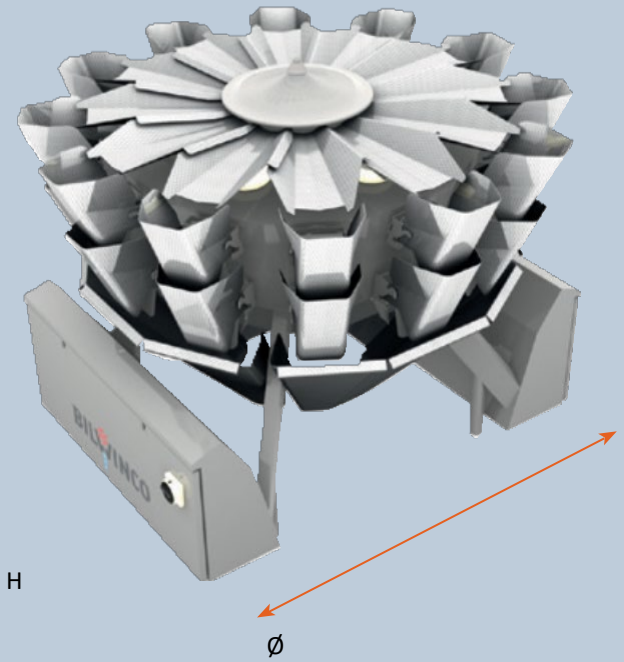
Capacity dependent on product, and if product is to be dropped in bag, tray or thermoformer

Model	RW110W	RW112W	RW114W	RW116W	RW120W	RW124W
Product Sizes (mm)	2-130	2-150	2-130	2-130	2-130	2-130
Bucket sizes (L)	1-2	1-2-3	1-2	1-2	1-2	1-2
Portion Volume (L)	3-4	3-8	3-4	3-5	3-5	3-4
Accuracy (g)	+/- 0,5-1	+/- 0,5-1	+/- 0,5-1	+/- 0,5-1	+/- 0,5-1	+/- 0,5-1
Capacity (ppm)	55	75	85	95/120	100/140	Split/160
Dimensions (mm)	Ø1394 H1046	Ø1457 H1167	Ø1482 H1167	Ø1494 H1167	Ø1664 H1206	Ø1880 H1280
Weight (kg)	375	440	490	540	660	700
Pneumatic Actuators	x	x	x	x	x	x
Electrical Actuators	x	x	x	x	x	x

Bilwinco Multihead Weigher Wet version – 200 series

Capacity dependent on product, and if product is to be dropped in bag, tray or thermoformer

Model	RW212W	RW214W	RW216W	RW220W
Product Sizes (mm)	2-180	2-180	2-280	2-180
Bucket sizes (L)	5-7,5	5-7,5	5-7,5	5-7,5
Portion Volume (L)	3-20	3-20	3-20	3-20
Accuracy (g)	+/- 1-2	+/- 1-2	+/- 1-2	+/- 1-2
Capacity (ppm)	70	80	90	110/140
Dimensions (mm)	Ø1895 H1373	Ø1982 H1373	Ø2083 H1373	Ø2409 H1373
Weight (kg)	840	990	1140	1360
Pneumatic Actuators	x	x	x	x
Electrical Actuators	x	x	x	x



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