

# Fresh Food Weigher

High performance weighers for  
challenging product applications





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Automatic and semi-automatic solutions for fresh sticky foods.  
Minimum waste, maximum payback!

Ishida has extensive experience in creating systems that use combination weighing principles to weigh and pack a wide variety of fresh foods with the highest accuracy and consistency.

Combining state-of-the-art weighing technology with unmatched precision and proven reliability, Ishida provides solutions that minimise waste, maximise efficiency, save time, and reduce labour - plus they are simple to operate and easy to clean.

The Ishida fresh food weighers have the versatility to handle a wide variety of products and customer requirements and are ideal for the most difficult to handle, sticky products and short production runs, where fast product changeovers are essential.



## Features and benefits



Easy product handling



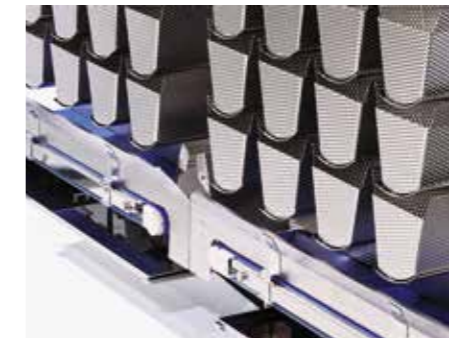
Maximum payback



Easy cleaning



Simple operation



High accuracy and minimised product giveaway



Handling wide variety of products

### Easy product handling for maximum production efficiency

- ▲ Scraper hopper doors easily dislodge product residues, making this an ideal solution for sticky product applications.
- ▲ All plastic hoppers are made of resin and the inner walls are ribbed to prevent product sticking.
- ▲ Scraper gates fitted on the collection belt conveyors remove product residue and ensure a reliable and precise product discharge.

### High accuracy and minimum product giveaway

- ▲ Ishida fresh food weighers can achieve consistent high weighing speeds of up to 70 weighs per minute.
- ▲ Production output is stabilised thanks to the high level of consistency achieving product giveaway of less than 1%.

### Quick and simple operation

- ▲ The user friendly touch screen RCU (Remote Control Unit) requires minimal operator training.
- ▲ Up to 200 presets can be stored in the RCU memory for quick machine set-up and product changeover.

### The economic solution with fast payback

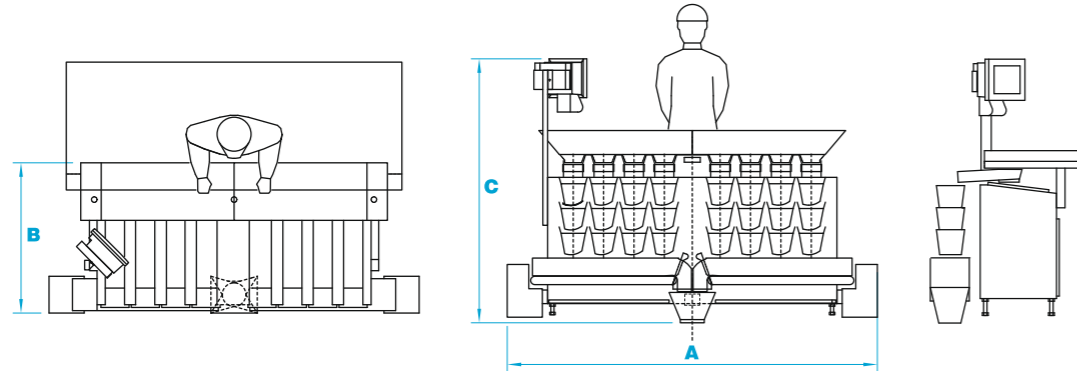
- ▲ Ishida fresh food weighers require no more than 1 or 2 operators, saving on the number of operators required in manual operation.
- ▲ Optional automatic product feeding can further reduce the number of operators required.
- ▲ High savings on labour can reduce typical payback periods to just a few months.
- ▲ Power consumption has been reduced by 17% than conventional model.

### Hygienic, easy cleaning

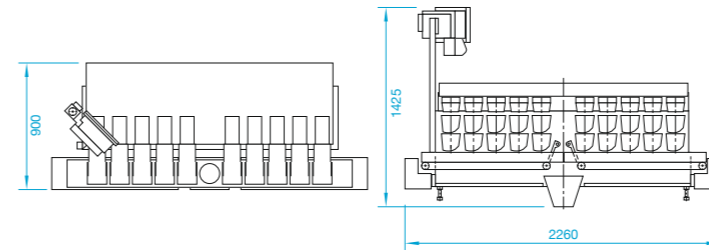
- ▲ The waterproof, hygienic design allows for thorough cleaning of the main body and contact parts.
- ▲ Downtime is minimised as all contact parts can be easily removed, cleaned and replaced without using tools.
- ▲ Minimum hand intervention ensures compliance with the strictest hygiene standards, such as HACCP.

## Technical specification

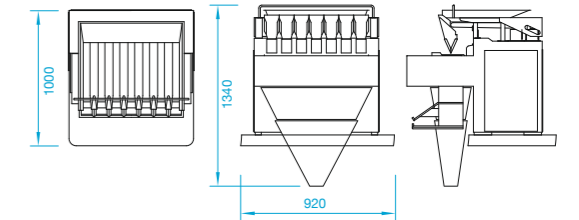
CCW-R2-106WB, 108WB, 110WB, 112WB



CCW-R2-110W-S/15-WP-VF



CCW-R2-107PS-S/05-WP-BE



Model	CCW-R2-106WB-S/15-WP(-BE)		CCW-R2-108WB-S/20-WP-BE		CCW-R2-110WB-S/15-WP(-BE)	
Dimension A (mm)	1355		2255		2220	
Dimension B (mm)	900		940		900	
Dimension C (mm)	1510		1600		1510	
<b>Performance</b>						
Number of hoppers	6 heads		8 heads		10 heads	
Max. weighing speed*	35 WPM		40 WPM		60 WPM	
Max. weighing volume (per single discharge)	2.5 litres		3.5 litres		2.5 litres	
Max. piece length	70mm		180mm		70mm	
Weighing capacity setting (per head)	400g	800g	1050g	2100g	400g	800g
Minimum graduation	0.1g	0.2g	2.0g	4.0g	0.1g	0.2g
Machine target weight range	20-500g	20-1000g	50-1500g	50-3000g	20-500g	20-1000g
<b>Specification</b>						
Touch screen display (RCU)	12.1" Colour LCD Display					
Number of presets	200					
Weigh cell	Ishida double-beam loadcell 200g/head					
Materials	Product surfaces are made of stainless steel or other sanitary materials					
IP test rating	IP-65 Rating					
Power	Wattage	0.64kW	1.0kW		1.0kW	
	Voltage	200-240V 50/60Hz 1-phase		200-240V 50/60Hz 1-phase	200-240V 50/60Hz 1-phase	
Air**	80 litres/min (ANR) 0.5Mpa		120 litres/min (ANR) 0.5Mpa		120 litres/min (ANR) 0.5Mpa	
Net weight***	Approx. 300kg		Approx. 500kg		Approx. 450kg	
Standard compliance	Ce/RoHS					

Model	CCW-R2-112WB-S/15-WP(-BE) CCW-R2-112WB-D/15-WP(-BE)		CCW-R2-110W-S/15-WP		CCW-R2-107PS-S/05-WP-BE	
Dimension A (mm)	2580		See above drawing		See above drawing	
Dimension B (mm)	900					
Dimension C (mm)	1510					
<b>Performance</b>						
Number of hoppers	12 heads		10 heads		7 heads	
Max. weighing speed*	70 WPM		40 WPM		60 WPM	
Max. weighing volume (per single discharge)	2.5 litres		2.5 litres		0.8 litres	
Max. piece length	70mm		70mm		50mm	
Weighing capacity setting (per head)	400g	800g	400g	800g	400g	800g
Minimum graduation	0.1g	0.2g	0.1g	0.2g	0.1g	0.2g
Machine target weight range	20-500g	20-1000g	20-500g	20-1000g	5-500g	5-1000g
<b>Specification</b>						
Touch screen display (RCU)	12.1" Colour LCD Display					
Number of presets	200					
Weigh cell	Ishida double-beam loadcell 200g/head					
Materials	Product surfaces are made of stainless steel or other sanitary materials					
IP test rating	IP-65 Rating					
Power	Wattage	1.4kW	1.0kW		0.33kW	
	Voltage	200-240V 50/60Hz 1-phase		200-240V 50/60Hz 1-phase	200-240V 50/60Hz 1-phase	
Air**	150 litres/min (ANR) 0.5Mpa		120 litres/min (ANR) 0.5Mpa		90 litres/min (ANR) 0.02Mpa	
Net weight***	Approx. 500kg		Approx. 430kg		Approx. 280kg	
Standard compliance	Ce/RoHS					

Design and specifications are subject to change without notice (please confirm dimensions at point of order).

\* Depends on product shape, product density, target weight, feeding conditions, etc.

\*\* Compressed air supply is required only for WP machines. Note: Air hose compressor must be provided by user.

\*\*\* The machine weight varies depending on the options selected.

BE, suffix attached to model name, stands for belt conveyor type feeder. Model name w/o BE stands for vibratory feeder.

# Working with you every step of the way

Our extensive R&D investment is directed at meeting the challenges of the fast-changing food industry around the globe.

We aim to support our partners fully, from the very start of the buying process, and you will find many equipment brochures, visual animations and case studies available on our website. When you are ready to make contact, a well-resourced network of Ishida companies, distributors and agents, extending across the world, can provide advice and organise demonstrations and trials.

Installation is rapid and efficient. For integrated packing lines, we use proven project management techniques and methodologies, tuned to your key objectives and specifications.

A dedicated service engineering team helps to maximise the performance, functionality and reliability of our installed base. In addition, spares facilities are strategically placed throughout the territory, offering 24-hour delivery in most cases.



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