

CCW-RV-214W-1S-70-SS-FPR1

Dedicated range of automated, high speed, accurate weighing solutions specifically designed for handling **FRESH PRODUCE**.

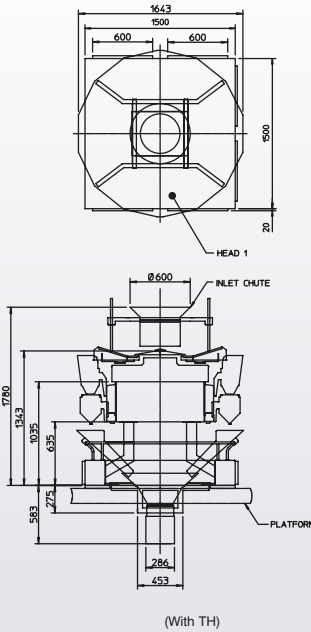
The RV series from Ishida represents the latest state of the art multihead weighing performance for speed, accuracy and reliability and comes with the industry's leading high performance specification as standard.

This multihead weigher range is designed specifically for weighing fresh fruit and vegetable produce and has been developed to accommodate variable piece sizes, and free flowing, heavy product. It also minimises high product impacts, potential for bruising and excessive noise.

The Ishida fresh produce weighers have been thoroughly tested with multiple fresh produce samples tested to ensure Ishida customers receive the best in class solution for this challenging application.



Dimensions



Specifications	CCW-RV-214W-1S-70-SS-FPR1	
Weighing Capacity/Range (per head)	4000g	8000g
Maximum Volume for Weighing (per dump)	14 litres	
Weighing Speed (variable dependent on specific product and target weight)	70 WPM	
Minimum Graduation	0.5g	1.0g
Touch Screen 3D Graphical Display (RCU)	12.1" Colour LCD display including printer (as standard)	
Weigh Cell	Ishida double-beam loadcell	
Vibration control on DFT and RFTs	Pulse width modulation (precise and programmable vibration frequency control – independent from input frequency)	
Number of Presets	200	
Materials	Plain surface 304 stainless steel contact parts	
Machine Weight	Approx. 1000kg	
Options	This fresh produce weigher model is a fixed high specification solution dedicated to the specific industry requirements (see specific model details)	
IP test rating of structure	IP54 (see specific cleaning instructions in operators manual)	
Power consumption	0.6kW	
Standard compliance	Ce/UL/FDA/USDA/RoHS	

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



CCW-RV-214W-1S-70-SS-FPR1



RV FRESH PRODUCE 1

Features and benefits



Part of a dedicated range of automated, high speed, accurate weighing solutions specifically designed for handling fresh fruit and vegetable produce using Ishida's unrivalled industry experience.

No other multihead weigher supplier can match the experience and global installed base of Ishida and it is this expertise and sector-specific knowledge that has gone into the fresh produce solution.

The fresh produce solution is based on the highest performance RV series multihead weigher platform – this has then been configured for optimum performance for this sector.

Detailed analysis of historic installations, combined with Ishida's expert team of design and application specialists has resulted in the creation of this range of high performance sector solutions.

RV high performance features

- Capable of using all 14 heads in a single combination calculation = 16383 combinations (for maximum efficiency and minimum product giveaway per cycle)
- Simultaneous triple combination calculation (delivering up to 100% efficiency)
- 5 stage digital filter (rapid stable calculations)
- Pulse width modulation on individual radial feeders (precise programmable vibration control to achieve harmonic frequency per radial feeder - independent of input frequency for unrivalled product-specific in-feed control)
- Average weight control software internal calculation resolution to 0.01g (minimise giveaway every cycle)
- Anti-floor vibration with 4 load cells (remove back ground vibration noise from load cell calculation for maximum weighing accuracy and avoiding product giveaway or missed cycles)
- 12.1" remote control unit (RCU) - (large clear screen for rapid programmable control)
- RCU cover as standard (reduce risk of screen damage for long life)
- 200 different product pre-sets (flexible and ensures rapid product changeovers)
- 3D screen display with immediate screen refresh rates (clear intuitive data display to assist operator to continuously monitor and adjust machine performance)
- Ethernet connection - to data link machine performance to customers local area network and internal management systems
- Printer for hard copy read out
- USB access for alternative data capture and transfer
- All materials are FDA approved and comply with Article 16 (1) of Regulation (EC) number 1935/2004, and Article 15 of Regulation 10/2011

Model	FRESH PRODUCE 1 - CCW-RV-214W-1S-70-SS-FPR1	
Max Piece Length	120mm	
Target Volume*	<4.2 litres	>9.8 litres
Top Speed*	70 WPM	35 WPM
Contact Parts Finish	Plain finish contact parts and reinforced components (for large heavy product pieces) Key surfaces urethane coated and liners included (to reduce damage to product)	
Dispersion Table	5° urethane coated dispersion table (to reduce product bruising, noise and damage)	
Ring Gate	Included with blue metal-detectable polyurethane fingers and additional containment ring (controlling infeed)	
Radial Feeder Troughs	10° radial feeder troughs (to encourage product flow)	
Hoppers	7 litres plain finish double opening reinforced PH, 9 litres plain finish double opening reinforced WH – both with 2mm thick blue metal-detectable polyurethane liners (for rapid but delicate product transfer)	
Discharge Chutes	42° discharge chute, urethane coated on upper section outside faces and blue metal-detectable polyurethane liners on upper sections (reduction of damaged product incidents) – with cushion pipe fitted to minimise product collisions	
Timing Hopper	18 litres pneumatically driven timing hopper included with blue metal-detectable polyurethane liners (to reduce product damage) Options: Double opening, diverting or error diverting	
Software	Multiple languages available, count priority, enhanced average weight control, error signal output, auto zero cleaning mode, remote diagnostics software	

*figures are based on historical application products and may vary depending on specific nature of product



ISHIDA EUROPE LIMITED
Kettles Wood Drive
Woodgate Business Park
Birmingham
B32 3DB
United Kingdom
Tel: +44 (0)121 607 7700
Fax: +44 (0)121 607 7888
info@ishidaeurope.com

ISHIDA CZECH REPUBLIC
Tel: +420 317 844 059
Fax: +420 317 844 052
info@ishidaeurope.cz

ISHIDA ROMANIA
Tel: +40 (0)21 589 73 52
Fax: +40 (0)21 310 34 22
info@ishidaeurope.ro

ISHIDA FRANCE
Tel: +33 (0)1 48 63 83 83
Fax: +33 (0)1 48 63 24 29
info@ishidaeurope.fr

ISHIDA RUSSIA AND CIS
Tel: +7 499 272 05 36
Fax: +7 499 272 05 37
info@ishidaeurope.ru

ISHIDA GERMANY
Tel: +49 (0)791 945 160
Fax: +49 (0)791 945 1699
info@ishida.de

ISHIDA SOUTH AFRICA
Tel: +27 (0)11 976 2010
Fax: +27 (0)11 976 2012
info@ishidaeurope.com

ISHIDA MIDDLE EAST
Tel: +971 (0)4 299 1933
Fax: +971 (0)4 299 1955
ishida@ishida.ae

ISHIDA SWITZERLAND
Tel: +41 (0)41 799 7999
Fax: +41 (0)41 790 3927
info@ishida.ch

ISHIDA NETHERLANDS
Tel: +31 (0)499 39 3675
Fax: +31 (0)499 39 1887
info@ishida.nl