



CCW-RV-214W-1S-30-SS-CNF3

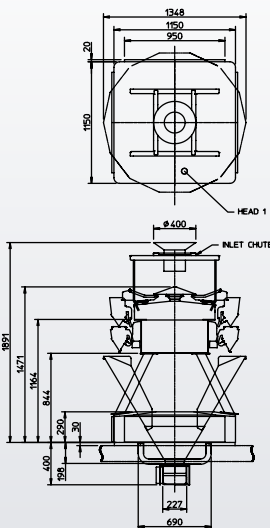
Dedicated range of automated, high speed, accurate weighing solutions specifically designed for handling **STICKY CONFECTIONERY**.

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 model is designed specifically for weighing a variety of sticky confectionery product typically for target weights between 100-1000g.

The Ishida confectionery weighers have been thoroughly tested to ensure Ishida customers receive the best in class solution for this challenging application. Typical sticky products would be jelly products (oiled or sugared) e.g. jelly balls or jelly bears.

Dimensions



Specifications	CCW-RV-214W-1S-30-SS-CNF3	
Weighing Capacity (per head)	400g	800g
Maximum Volume for Weighing (per dump) (* limit set due to sticky nature of application)	2 litres*	
Weighing Speed (variable dependent on specific product and target weight)	85 WPM	
Minimum Graduation	0.1g	0.2g
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	Combination of Hex and C4 embossed 304 stainless steel contact parts	
Machine Weight	Approx. 550kg	
Options	This confectionery 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	0.5kW	
Standard compliance	Ce/UL/FDA/USDA/RoHS	

Design and specifications are subject to change without notice (please confirm dimensions at point of order). It is recommended that CCW applications team is contacted for all sticky jelly production applications.



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RV CONFECTIONERY 3

Features and benefits



Part of a dedicated range of automated, high speed, accurate weighing solutions specifically designed for handling confectionery 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 confectionery solution.

The confectionery 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	CONFECTIONERY 3 - CCW-RV-214W-1S-30-SS-CNF3	
Max Piece Length	80mm	
Target Volume*	<0.6 litres	>1.4 litres
Top Speed*	85 WPM	20 WPM
Contact Parts Finish	Combination of Hex and C4 embossed 304 stainless steel contact parts (resistant to sugar wear, promote free flow of product and minimise excessive sugar build up on top of machine)	
Dispersion Table	Hex embossed 20° and additional 30° dispersion table (to account for varied levels of stickiness of product)	
Ring Gate	Included with blue metal-detectable polyurethane fingers (controlling product infeed)	
Radial Feeder Troughs	Hex embossed 6° radial feeder troughs to increase product flow (due to stickiness of product)	
Hoppers	C4 embossed double opening steep angle gates pool and weigh hoppers, with bearings (resistant to sugar wear)	
Discharge Chutes	60° discharge chute with anti-swirl fins for increased product control and optional blue metal-detectable polyurethane cushion pipe to reduce product collisions (faster transfer)	
Timing Hopper	C4 embossed double opening 6 litre anti leak stepper motor driven timing hopper (double opening only)	
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



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