



## CCW-RV-214W-1S-30-WP-CHS2

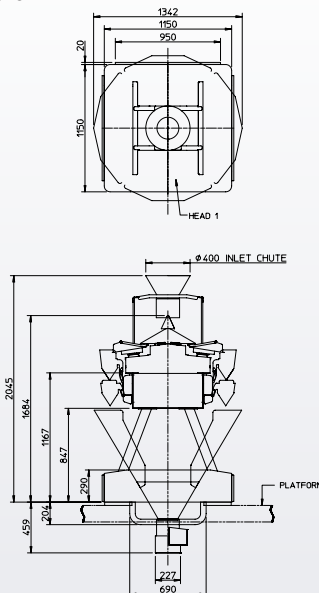
Dedicated range of automated, high speed, accurate weighing solutions specifically designed for handling starched and unstarched **GRATED CHEESE**.

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 grated cheese and has been developed based on an unrivalled global installed base within this sector.

The Ishida cheese weighers have been thoroughly tested to ensure Ishida customers receive the best in class solution for this challenging application.

### Dimensions



Specifications	CCW-RV-214W-1S-30-WP-CHS2	
Weighing Capacity (per head)	400g	800g
Maximum Volume for Weighing (per dump)	4.5 litres	
Weighing Speed (variable dependent on specific product and target weight)	80 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	Electrostatically polished 304 stainless steel contact parts	
Machine Weight	Approx 550kg	
Options	This cheese weigher model is a fixed high specification solution dedicated to the specific industry requirements (see specific model details)	
IP test rating of structure	Tested an independently certified to IP69K (see specific wash down instructions in operators manual)	
Power consumption	0.5kW	
Standard Compliance	Ce/UL/FDA/USDA/RoHS	

Design and specifications are subject to change without notice.  
Depends on good product separation, product density, low product temperature, target weight and target speeds  
(please confirm all details at point of order)



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# RV CHEESE 2

## Features and benefits



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

The grated cheese 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 = 16,383 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	CHEESE 2 - CCW-RV-214W-1S-30-WP-CHS2	
Max Piece Length	50mm	
Target Volume*	<1.35 litres	>3.15 litres
Top Speed*	80 WPM	30 WPM
Contact Parts Finish	Electrostatically polished contact parts (to promote free flow of product and reduce build up)	
Dispersion Table	30° dispersion table	
Ring Gate	No ring gate fitted as product has no free flowing characteristics	
Radial Feeder Troughs	9° radial feeder troughs with electrostatically polished surface to promote controlled product flow	
Hoppers	Double opening anti-leak (cheese type) Pool and Weigh Hoppers with electrostatically polished surface	
Discharge Chutes	60° Discharge Chute with electrostatically polished surface	
Timing Hopper	7.6L motor driven Anti-leak (cheese type) timing hopper	
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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