



RV Fresh Produce 1

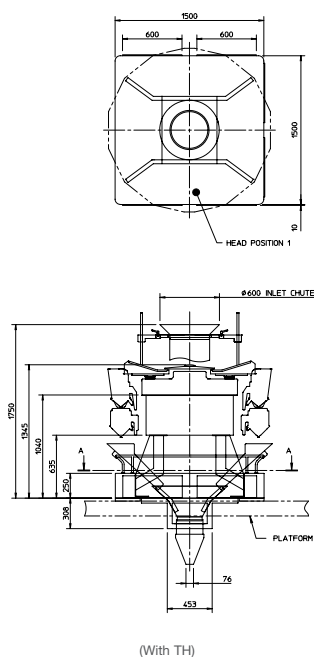
CCW-RV-214W-1S-70-SS-FPR1

High speed, proven solution for weighing bulky fresh produce

Specially designed for high speed weighing of free flowing, bulky fresh fruit and vegetables of variable piece sizes. Featuring all the benefits of Ishida's premium RV series, this weigher has been thoroughly tested to ensure a best in class sector solution.

- ▲ Ideal for bulky, free flowing fruit & vegetables
- ▲ Minimises high product impacts & excessive noise
- ▲ Achieves speeds of up to 70 wpm

Dimensions



Performance

CCW-RV-214W-1S-70-SS-FPR1		
Max. weighing speed*	70 WPM	
Max. vol. for weighing (per single dump)	14 litres	
Max piece length	150mm	
Weighing capacity setting (per head)	2000g	4000g
Minimum graduation	0.5g	1.0g
Machine target weight range	105-4000g	375-8000g

Specification

Touch screen display (RCU)	12.1" Colour LCD Display	
Number of presets	200	
DFT & RFT vibration control	Pulse width modulation (precise and programmable vibration frequency control - independent from input frequency)	
Weigh cell	Ishida double-beam loadcell	
Materials	Surfaces are made of plain finish 304 stainless steel or other sanitary materials	
IP test rating	Tested and independently certified to IP54	
Power	Wattage	0.6kW
	Voltage	200-240V 50/60Hz 1-phase
Air**	N/A	
Net weight***	Approx. 1000kg	
Standard compliance	Ce/UL/FDA/USDA/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.



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Part of a dedicated range of automated, high speed, accurate weighing solutions specifically designed for handling bulky fresh fruit and vegetables. Based on the highest performing RV series and using Ishida's unrivalled industry experience, the FPR1 has been configured for leading performance for this sector.

Features & Benefits

RV high performance features

- ▲ Pulse width modulation offers auto tuning of dispersion table and radial troughs
- ▲ Simultaneous triple combination calculation delivers up to 100% efficiency
- ▲ 5 stage digital filter ensures rapid, stable calculations
- ▲ Average weight control software minimises giveaway every cycle
- ▲ Anti-floor vibration removes background vibration noise from load cell calculation for maximum weighing accuracy and reduced product giveaway
- ▲ Ethernet connection to data link machine performance and for advanced remote customer care services from Ishida

Ultimate accuracy & precision for free-flowing products

- ▲ Precise feeder drive control optimises product distribution
- ▲ High speed filtering of the weigh hopper load cell signal combined with anti-floor vibration gives very fast stable outputs
- ▲ Optimum, programmable 'door' acceleration and deceleration profiles for more efficient hopper control

Increased productivity with Industry 4.0

- ▲ Sentinel™ Reporting Pack included free of charge for life
- ▲ Provides instant visibility of live machine performance from anywhere in the world
- ▲ Optional access to remote technical support, rapid response diagnosis and pro-active performance monitoring

Model	FRESH PRODUCE 1 - CCW-RV-214W-1S-70-SS-FPR1
Contact parts finish	Plain finished contact parts with reinforced components for heavy, bulky product
Inlet chute	Fixed, reinforced design with shortened supports Lower section in blue metal detectable liner
Dispersion table	5° cone type dispersion table with skirt and blue polyurethane coating to reduce product bruising, noise and damage
Ring gate	Included with blue metal detectable polyurethane fingers to control product infeed and additional containment ring
Radial feeder troughs	0° semi-flat radial feeder troughs to increase control of product flow
Hoppers	Double opening reinforced hoppers with easy downs silicon liners for rapid but delicate product transfer (7L pool hopper & 9L weigh hopper capacities)
Discharge chutes	42° discharge chute with anti-swirls fins, blue polyurethane coating and silicon liners Large diameter silicon rubber cushion pipe to reduce product collisions
Timing hopper	18 litres pneumatically driven beak type timing hopper with blue polyurethane coated gates to reduce product damage
Software	Multiple languages available, count priority, enhanced average weight control, error signal output, auto zero cleaning mode



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