



Gentle Slope **GS**

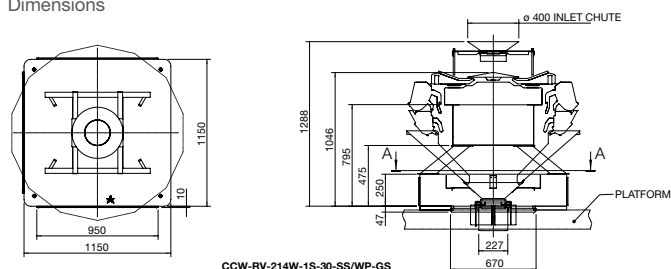
CCW-RV-210W-1S-30-SS/WP-GS
CCW-RV-214W-1S-30-SS/WP-GS

Curved hoppers and gentle slopes deliver competitive speeds for the most fragile products.

Ishida's specially engineered curved hoppers that decrease product impact combined with reduced drop distances result in gentle weighing whilst delivering highly competitive speeds and accuracy. Specifically designed to handle fragile products, the gentle slope curved hopper machine greatly reduces product damage.

- ▲ Transfers product very gently
- ▲ Prevents product damage or bruising
- ▲ Delivers speeds of up to 90 WPM

Dimensions



CCW-RV-214W-1S-30-SS/WP-GS

Performance		CCW-RV-210W-1S-30-SS/WP-GS		CCW-RV-214W-1S-30-SS/WP-GS	
Max. weighing speed*		65 WPM		90 WPM	
Max. vol. for weighing (per single dump)		4.5 litres		4.5 litres	
Max piece length		130mm		130mm	
Weighing capacity setting (per head)		400g	800g	400g	800g
Minimum graduation		0.1g	0.2g	0.1g	0.2g
Machine target weight range		14-500g		25-1000g	
Specification					
Touch screen display (RCU)		12.1" Colour LCD Display			
Number of presets		200			
Weigh cell		Double-beam loadcell			
Materials		Product surfaces are made of stainless steel or other sanitary materials			
IP test rating		SS: IP-54 Rating / WP: IP-69K Rating			
Power	Wattage	0.45kW		0.5kW	
	Voltage	200-240V 50/60Hz 1-phase		380-480V 50/60Hz 3-phase	
Air**		WP: 110 litres/min (ANR) 0.5 Mpa Air hose - PT 3/8" (for air dryer connection)			
Net weight***		Approx. 450kg		Approx. 550kg	
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.

Curved Hopper **Gentle Slope**

No other multihead weigher supplier can match the experience and global installed base of Ishida and it is this expertise and pioneering spirit that has gone into this new innovation. The curved hopper gentle slope multihead weigher ensures product damage is greatly reduced whilst continuing to deliver competitive speeds and accuracy.

Features & Benefits

Pre-configured for SMART FACTORIES

- ▲ 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

Gentle product handling

Thanks to the curved hopper design, product impact is greatly reduced delivering very gentle product transfer. Reduced drop distances between hoppers and the shallow angle of the discharge chute ensures gentle transfer is maintained throughout the whole weigher.

Reduced impacts

Product damage or bruising is greatly reduced by controlled de-acceleration in the curved hoppers and by minimised drop distances. Coatings and liners reduce product impact while a specially designed optional ring shutter device also prevents direct product collisions in the discharge chute and reduces travel speed into the timing hopper.

High speeds & accuracy

Benefiting from the premium performance technologies of the RV series, the gentle slope machine combines highly competitive speeds and accuracy with exceptional gentle product handling.

More effective feeder vibration

Precise feeder drive control optimises product distribution enabling more combination weights are made available. This provides better and more consistent control of pool hopper filling, helping ensure the amounts available to the weigh hoppers are within a suitably low “tolerance” range.

Faster filtering

High speed filtering of the weigh hopper load cell signal combined with anti-floor vibration gives very fast stable outputs. Because of the reduced settling time, more heads are available for inclusion in the combination calculation - increasing the range of weight options, delivering market leading weigher efficiency and accuracy.

More efficient hopper control

In the design of the RV, our extensive applications experience has been used to produce optimum, programmable “door” acceleration and deceleration profiles, resulting in performance that can be exactly tailored to products being handled.

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
- ▲ Ethernet connection to data link machine performance and for advanced remote customer care services from Ishida

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