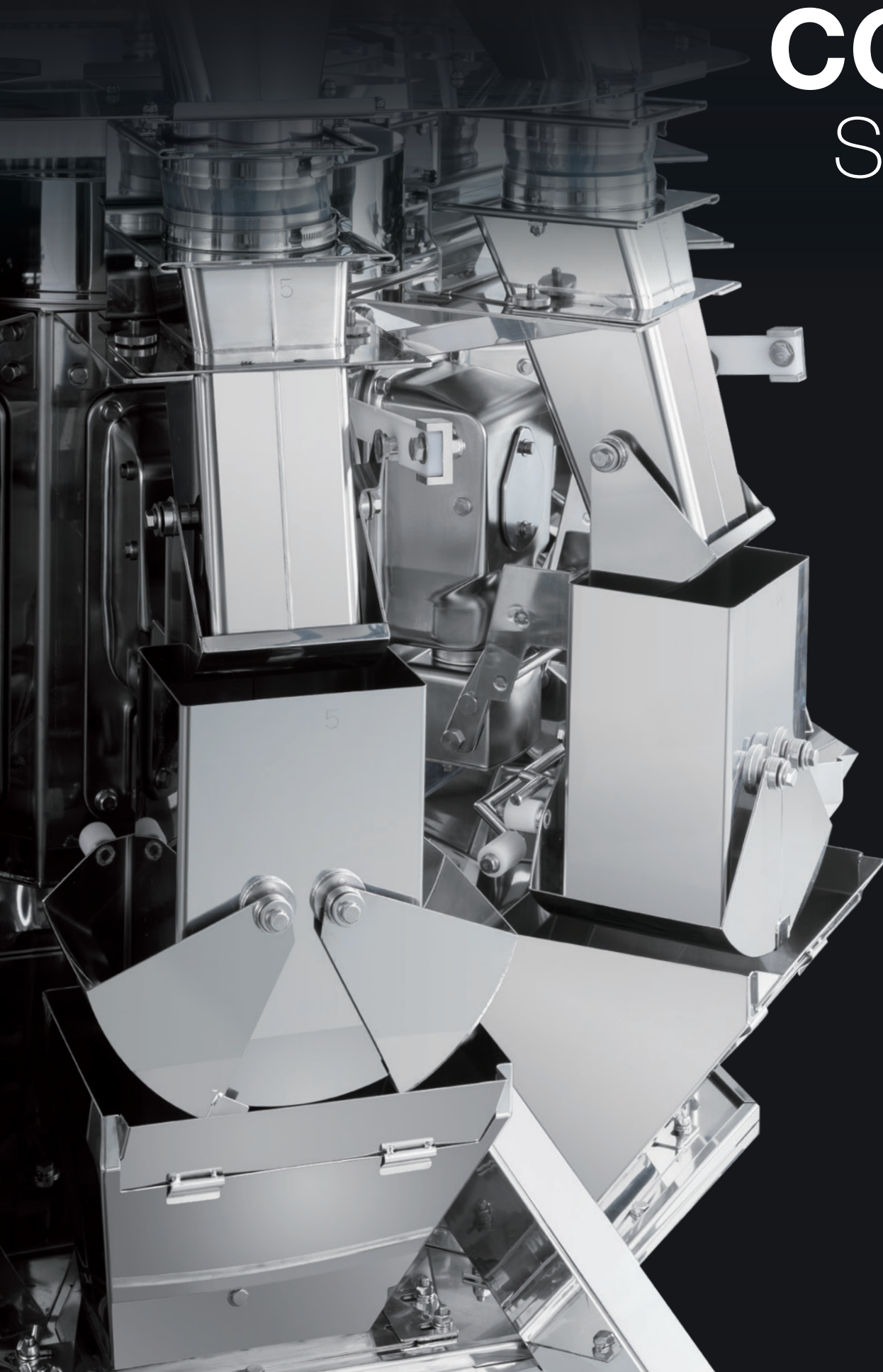




Cutgate weighers for granules and powders

# CG-V Series



# CG-V Series:

The technology behind the benefits

Significantly reduced downtime, product giveaway and increased profit

**The CG-V Series is the high speed, higher performance Ishida cut-gate weigher designed to weigh granular application products very accurately. The simple design and application presets make the CG-V Series fast and easy to use as an in-line solution.**



## Precise weighing accuracy

Highly accurate Ishida load cell and high-speed feedback control system allow stable and accurate weighing. Significantly reduces product giveaway compared to conventional methods.



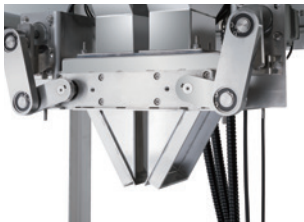
## Gentle product handling

Compared with auger fillers which are the conventional weighing method, the cut-gate feeding system dramatically reduces product damage and minimizes product giveaway.



## Easy to clean and quick changeover

No tools are required to remove cut-gate, weigh hopper and many other parts, simplifying clean-up procedures and reducing changeover time. Simple preset change with the press of a button.



## Increase in productivity

The high-speed motor controlled timing hopper system which moves up to 60 weighments per minute contributes in maximizing the production speed and the powerful and tight gate closing does not allow product leakage.

\* Timing hopper system is an optional device.

# CG-V Series

High speed, high accuracy granular weighing solution achieves industry-leading levels of performance



The Ishida automatic cut-gate weigher delivers the innovation for weighing granular products from point of view of precise weight control and faster production speed. Unlike auger filling machines, it does not damage or deactivate the product.

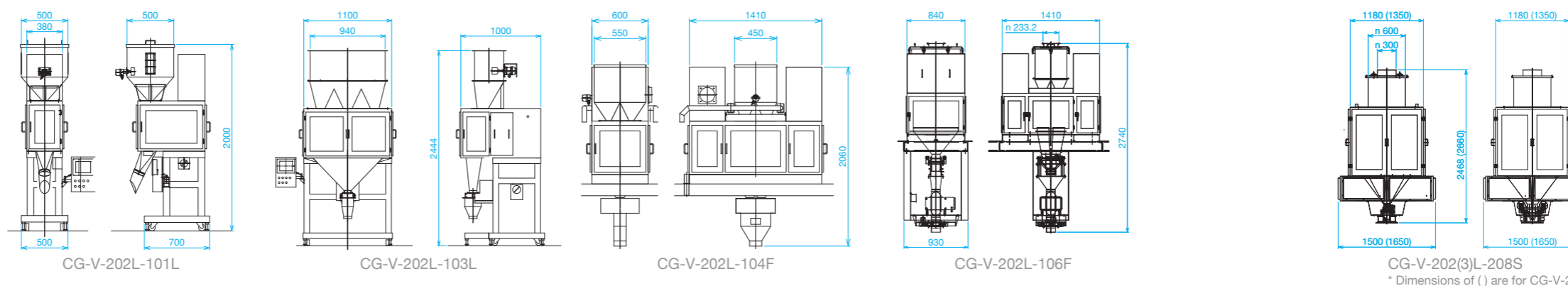
The CG-V series offers precise weighing of granular products such as detergents, instant coffee, rice, sesame and other grains, tea, couscous, sugar, salt, powdered drink or soup mixes, spices and agricultural chemicals.

- Weighing products with top accuracy and speed through the use of load cells and automatic feedback control.
- Easy to operate, clean, and maintain with quick product changeover which minimizes downtime and increases profit.
- Variety of hopper sizes available to handle wide range of target weights.
- Nitrogen gas flashing system and sealed enclosure are also available.





Dimensions  
\* Dimensions vary with the application



## Specifications

Model	CG-V-202L-101L CG-V-202L-102L CG-V-202L-103L	CG-V-203L-101L CG-V-203L-102L CG-V-203L-103L	CG-V-202L-104F CG-V-202L-106F	CG-V-203L-104F CG-V-203L-106F	CG-V-202L-208S(T/D)	CG-V-203L-208S
Head Count	1, 2 or 3	1, 2 or 3	4 or 6	4 or 6	8	8
Weighing Capacity (per head)	up to 1,000g	up to 5,000g	up to 1,000g	up to 5,000g	up to 1,000g	up to 5,000g
Weighing Speed *	up to 15 WPM (per head)	up to 10 WPM (per head)	up to 15 WPM (per head)	up to 10 WPM (per head)	up to 120 WPM (15 WPM per head)	up to 80 WPM (10 WPM per head)
Minimum Graduation	up to 1kg: 0.1g 1kg to 2kg: 0.2g	1.0g	up to 1kg: 0.1g 1kg to 2kg: 0.2g	1.0g	up to 1kg: 0.1g 1kg to 2kg: 0.2g	1.0g
Maximum Volume for Weighing (per head)	3,000cc	8,000cc	3,000cc	8,000cc	3,000cc	8,000cc
Weigh Cell	Ishida Double-beam Loadcell		Ishida Double-beam Loadcell		Ishida Double-beam Loadcell	
Number of Presets	50		50		50	
Material	Product surfaces are made of stainless steel or other sanitary materials		Product surfaces are made of stainless steel or other sanitary materials		Product surfaces are made of stainless steel or other sanitary materials	
Structure of Body	IP50 Rating		IP50 Rating		IP50 Rating	
Power Supply	Consumption	260W	260W	450W	450W	700W
	Voltage Current	AC100 - 240V 50/60Hz (External transformer will be needed for 380, 400, 415, 440, 460, 480V)		AC100 - 240V 50/60Hz (External transformer will be needed for 380, 400, 415, 440, 460, 480V)		AC100 - 240V 50/60Hz (External transformer will be needed for 380, 400, 415, 440, 460, 480V)

Design and specifications are subject to change without notice. \* Depends on product shape, product density and target weight.



Coffee beans  
Target weight: 500g  
Expected speed<sup>\*1</sup>: 10 WPM  
Accuracy: ±0.7g



Sesame  
Target weight: 750g  
Expected speed<sup>\*1</sup>: 10 WPM  
Accuracy: ±1.0g



Tea leaves  
Target weight: 100g  
Expected speed<sup>\*1</sup>: 15 WPM  
Accuracy: ±0.5g



Washing powder  
Target weight: 3,000g  
Expected speed<sup>\*2</sup>: 4 WPM  
Accuracy: ±2.0g

<sup>\*1</sup>: The value is the expected speed per head when weighing with CG-V-202L.  
<sup>\*2</sup>: The value is the expected speed per head when weighing with CG-V-203L.



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