

# DACS-WN-300

# DACS-WN-500



Shown here is the DACS-WN-300 without reject unit.

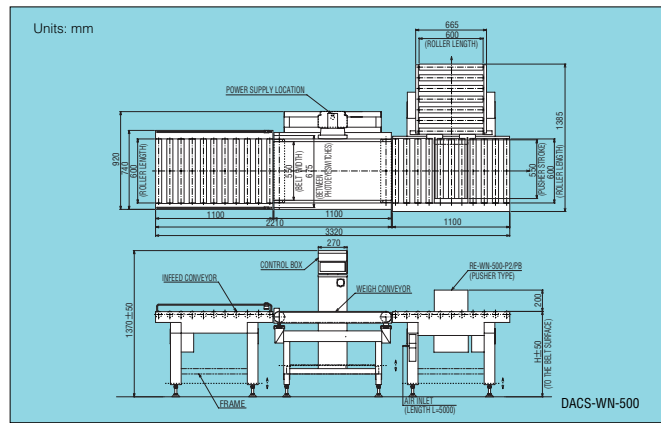
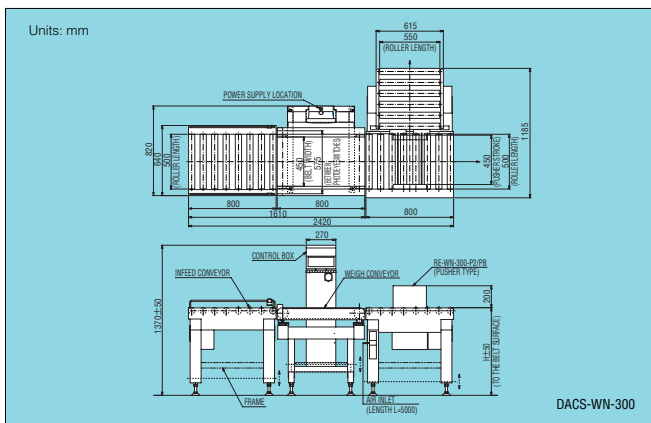
This new state-of-the-art checkweigher combines versatility and flexibility with even greater accuracy and higher speeds.

The DACS-WN-300 and DACS-WN-500 combine user-friendly operation with unequalled performance for products up to 30kg and 50kg respectively, and can achieve a maximum speed of 50 and 36 packs per minute respectively.

The Remote Control Unit (RCU) features a high visibility fluorescent graphic display with tactile membrane keyboard which can be angled to suit individual applications. The advanced Host Computer Interface concept enables the checkweigher to become part of a fully-integrated production and packaging line, providing detailed production and weighing information to support total factory control.

Available in both painted body and waterproof specification.

## SPECIFICATIONS

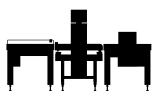


## DIMENSIONS

Model	DACS-WN-300-SB	DACS-WN-500-SB
Weighing Range	300g ~ 30000g	500g ~ 50000g
Weighing Speed (Max) (*)	50 WPM	36 WPM (**)
Weighing Accuracy (*)	±10.0 g	
Minimum Graduation	5.0g	
Remote Control Unit (RCU)	Fluorescent Graphic Display	
Weigh Cell	Newly designed double-beam strain gauge loadcell	
Weigh Conveyor (mm)	800 (L) × 500 (W)	1100 (L) × 600 (W)
Reject Conveyor (mm)	800 (L) × 500 (W) (push-plate-type)	1100 (L) × 600 (W) (push-plate-type)

Model	DACS-WN-300-SB	DACS-WN-500-SB
Height Adjustment of Conveyor (mm)	500 ± 50 ~ 900 ± 50	
Belt Width	450mm	550mm
Product Dimensions	L: 210 ~ 740 mm W: 50 ~ 500 mm H: 50 ~ 500 mm	L: 210 ~ 1040 mm W: 50 ~ 600 mm H: 50 ~ 500 mm
Zero Adjustment	Continuous automatic dynamic compensation	
Number of Presets	100	
Printer	Optional	

Note: Specification subject to change without notice. (\*) Varies according to product shape and condition. (\*\*) DACS-WN-500 of weighing speed 36WPM can be supplied in case the product weight is 30kg or less.





# DACS-WN SERIES

The new modular cantilevered construction of the DACS-WN checkweigher includes a host of innovative, easy to operate features, offering new levels of flexibility, hygiene, speed and accuracy.

## NEW FEATURES

The DACS-WN Series offers a number of newly-developed Ishida innovations:

### ● New Loadcell

A new Ishida developed high-speed loadcell improves sensitivity, response and accuracy.

### ● New Drive Units and Weigh Conveyor

The light weigh conveyor, enhanced direct drive motor and a unique low friction belt, combine to make the DACS-WN the fastest and most accurate in its class.

### ● Wide Selection of Belts

For maximum flexibility, a wide range of belt sizes is available to suit the size of individual products, optimizing pack-handling

and product throughput.

### ● Modular Design

The modular, Pedestal Tower construction of the main body permits easy, on-site height adjustment of the belt conveyors.

The layout of the electronics on a single-layered panel within the vertical tower makes the machine design unique and offers remarkable accessibility for maintenance. This reduces downtime to a minimum.



Remote Control Unit (RCU) and Printer.

### ● Host Interface (optional)

The checkweigher can be interfaced via a 'DDE' link to many Windows® packages such as Excel® for integration into the end-user's management and control systems.

## PROVEN TECHNOLOGY

### ● Anti-Floor Vibration Mechanism (AFV)

Compensates for external vibration detected by use of a separate loadcell. Maintains maximum accuracy, even on a vibration-intensive installation site.

### ● Digital Filtering

Permits automatic setting of the filter characteristics to weighing conditions resulting in enhanced checkweigher speed and accuracy.

### ● Digital Signal Processor (DSP)

In order to handle the many high-speed adding and multiplying computations required for digital filtering, AFV compensation and weigh data processing, a high speed 'DSP' chip has been included. The DSP permits accurate signal processing under a wide range of weighing conditions.

## BENEFITS

### ● Easy to Clean

The robust cantilever construction and quick-release conveyors make cleaning of the machine, and the floor space underneath, extremely simple. Cleaning can be done in a matter of minutes, reducing downtime to a minimum.

### ● Expanded Presets

100 preset memories are now available for easy set-up parameters.

### ● Choice of Reject Systems

Roller belt and push plate reject systems are available.

### ● Graphic Display

Histograms, bar-graphs, X-bar charts, speed and recent pack weights can be displayed on an easy-to-read fluorescent graphic screen for continuous monitoring of production data.

Ishida, the world leader in weighing technologies, also manufactures a full line of multihead weighers.



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