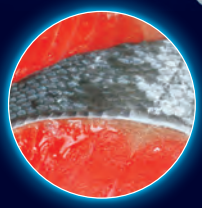
Yamato Dataweigh™



Semiautomatic Table-top Dataweigh™

TSDW-205

An ideal combination scale for producing fixed weight food packages

Eliminating weight shortage

Reducing weighing loss

Improving work efficiency

Achieving labor saving

Space-saving design

Improvement in productivity

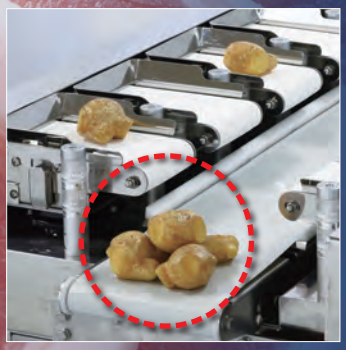
Possible to achieve max. combination speed of 30 packs/min.

* The speed is subject to weighing products and discharging speeds of conveyors.

Operational procedure

1. Put weighing products on weighing conveyors.

2. Find out the best combination nearest to the target weight and discharge it automatically.



Interfacing to packaging machines is easily done.

Discharging the combination products as one group

The TSDW-205 combines and discharges the selected products.
It controls product spacing to reduce defective packages.

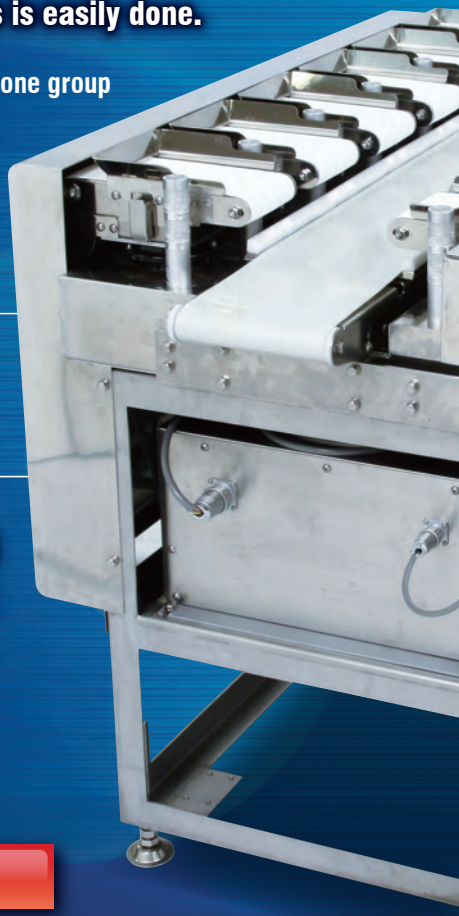


Photo: Single Flat Belt Conveyor Type

Reduction in weighing loss

The TSDW-205 selects an optimal combination nearest to the target weight and discharges it automatically.

e.g.) Making a pack of 200g

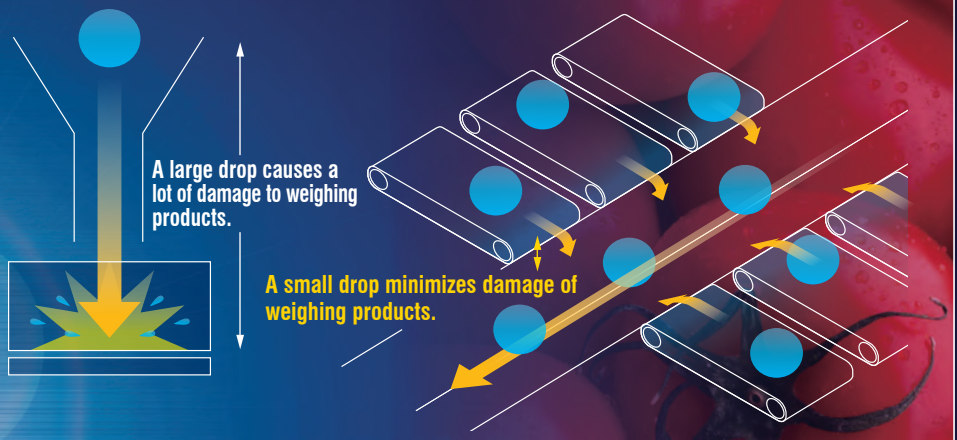
Human work always generates some weighing loss.

The TSDW-205 enables you to increase the number of the final packed products from the same amount of materials by reducing weighing loss.

Minimizing product damage

Adoption of belt-conveyor system for discharge

The TSDW-205 is suitable for weighing delicate and fragile products.



Belt-conveyor system with small drop gaps makes it possible to transfer fragile or sticky products which are difficult for most dropping systems to handle.

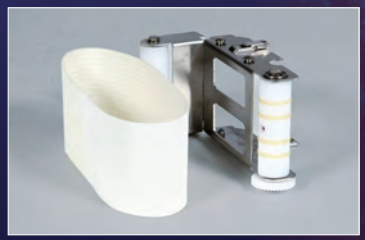
Ease of cleaning

Reduction in washing time at the end of work and at the change-over of weighing products.

The weighing conveyors and a collating conveyor are detachable, so washing and sterilizing can be easily done.

*The TSDW-205W (IP65 protection) can be washed down with non-pressurized hose water.

All conveyor belts are easily detachable.



TSDW-205

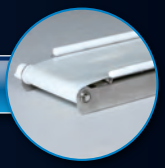
Many types of collating conveyors available to best suit your weighing needs.

Compact design and casters are standard making it easy to move or relocate the equipment.

Specifications

Model	TSDW-205	TSDW-205W
Dust/Water Protection	IP42	IP65
Weighing Method	Strain Gauge Load Cell	
Weighing Capacity	1,500 g	
Tare Max.	1,500 g	
Display Division	1 g	
Combination Accuracy	0.1 g	
Range of Combination	8 g to 6,000 g	
Combination Speed	20 to 30 packs per minute (Depending on weighed items & weighing conditions)	
No. of Scales	12 Heads	
Conveyor Size	Weighing Conveyor: 214(L)×120(W)mm Collating Conveyor: 1327(L)×160(W)mm (Flat type)	
Outer Dimensions	1553(L) x 735(W) x 811 to 891(H) mm	
Main display	Fluorescent Tube Display, 32(H) x 14.6(W) mm	
Auxiliary Display	Full Dot LCD Display, 64(H) x 240(W) mm	
No. of stored Items	Max 100 items	
Functions	Zero Reset, One-touch Tare, Keyboard Tare, Weight Check of Each Head Priority Combination, Weight & Quantity Combination, Over/Under Detect, Production Goal, Recalculation Speed Change of Weighing/ Collating Conveyors, All discharge/ Collating Conveyor Discharge	
Net Weight	Approx. 150 kg	
Operating Temperature	0℃ to 40℃	
Humidity	30% to 85% (No Condensation)	
Power	AC100V, 110V, 120V, 200V, 220V, 230V +10%~-15%, 50/60Hz	
Power Consumption	Max. 620W	

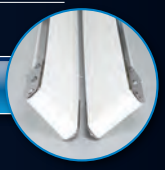
Collating Conveyor - Single Flat Belt Type



Application

- Diced Ham, Sausage, Lobster Tail
- Dried Fruit
- Rice Cracker, Chocolate

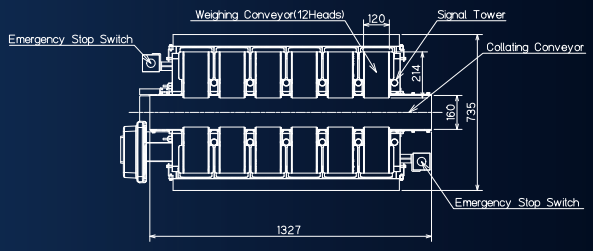
Collating Conveyor - Double Slope Belts Type

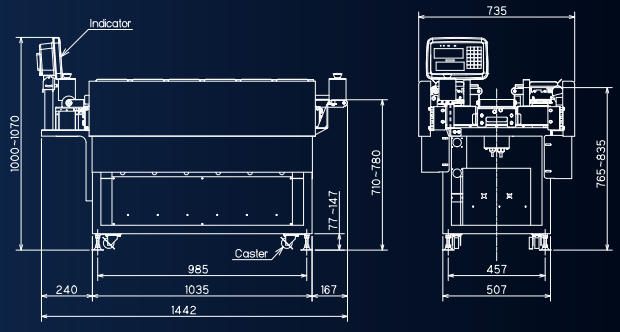


Application

- Mushroom, Garlic
- Tomato, Mini tomato, Paprika
- Cucumber, Egg plant, Bunch of Grapes

Outside Dimension





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