

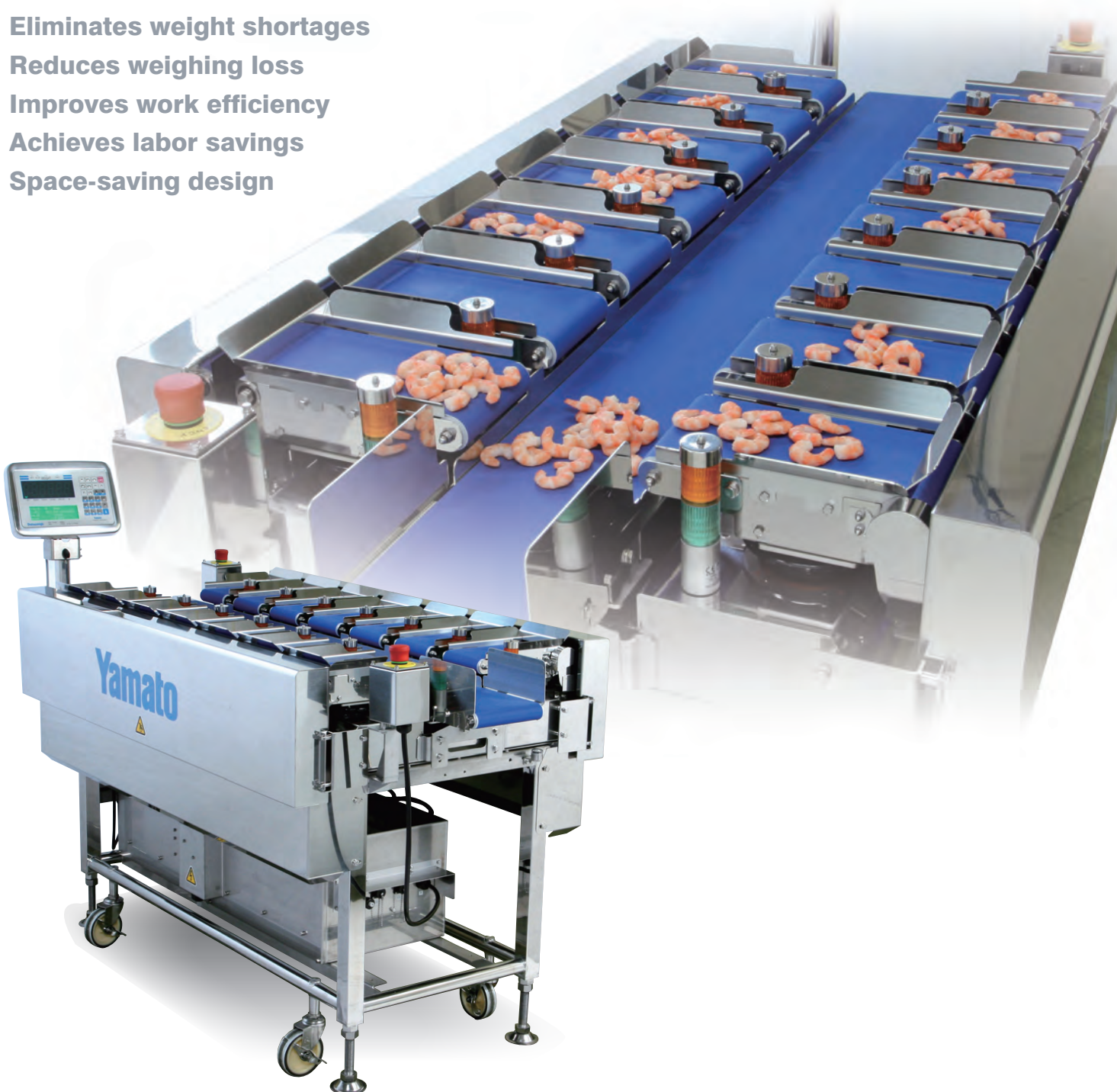
Semiautomatic Table-top Dataweigh™

TSDW series

An ideal combination scale for producing fixed weight food packages



- Eliminates weight shortages
- Reduces weighing loss
- Improves work efficiency
- Achieves labor savings
- Space-saving design



Improvement in productivity

Possible to achieve max. combination speed of 35 packs/min (TSDW-206W)

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

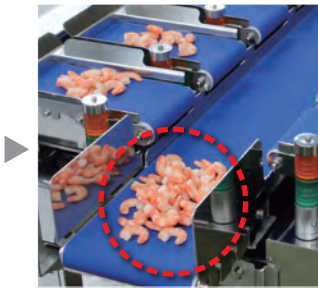
Operational procedure



1. Put products on weighing conveyors.



2. TSDW determines the best combination nearest to the target weight and discharges it automatically.



Interfacing to packaging machines is easily done.

Discharging the combination products as one group

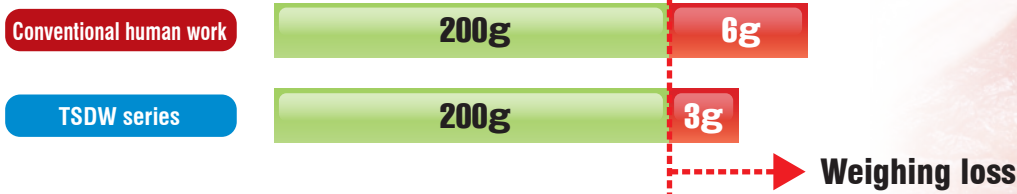
The TSDW series combines and discharges the selected products.

It controls product spacing to reduce defective packages.

Reduction in weighing loss

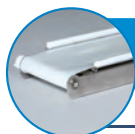
The TSDW series selects an optimal combination nearest to the target weight and discharges it automatically.

e.g.) Making a pack of 200g



Human work always generates some weighing loss.

The TSDW series increases the number of final packed products from the same amount of materials by reducing weighing loss.



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

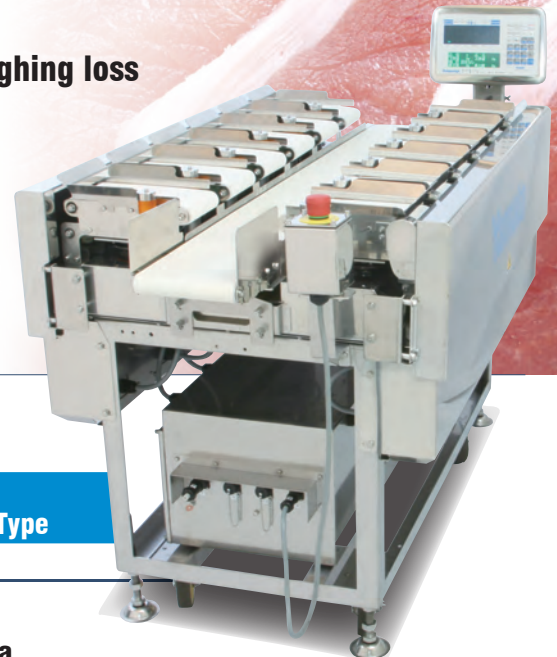
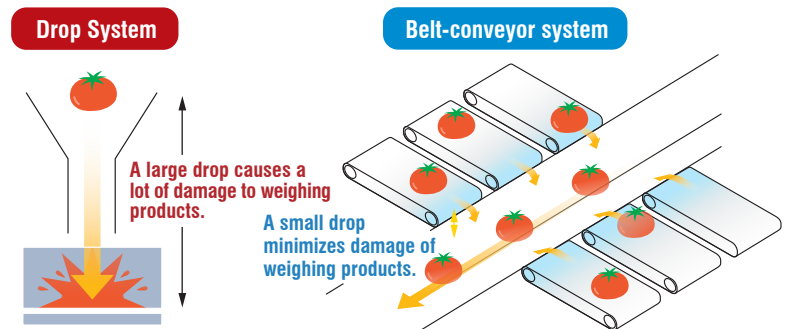


Photo: TSDW-205W 12 head

Minimizing product damage

Adoption of belt-conveyor system for discharge
The TSDW series 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.

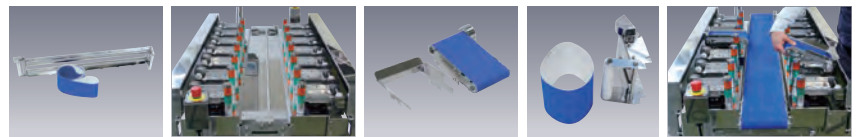


Photo: TSDW-206W 14 head

Ease of cleaning

Reduce downtime for cleaning. Weighing conveyor belts and a collating conveyor are detachable for quick and easy washdown.

*The TSDW series can be washed down with non-pressurized hose water.



All conveyor belts are easily detachable.

The most suitable for big volume packages

TSDW series with an external scale

This system makes it easier to produce a package containing many pieces of items.



In place of a checkweigher, a digital platform scale can be connected to TSDW series.



1. Approx. 80% of the target value is weighed.



2. The balance approx. 20% is made on TSDW series.
3. Joining together makes a package close to the target value.

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

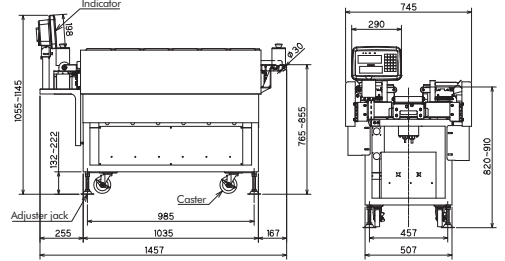
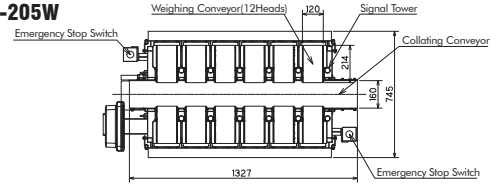
Compact design and standard casters make it easy to move or relocate the equipment.

Specifications

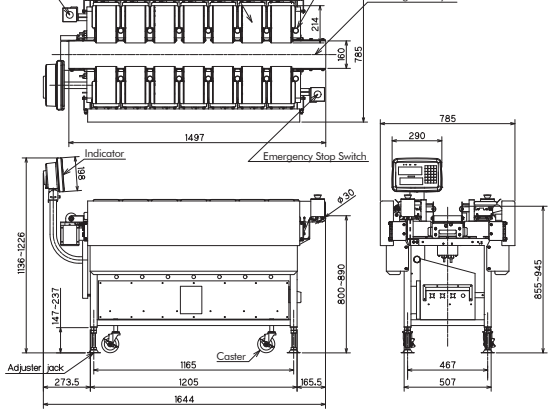
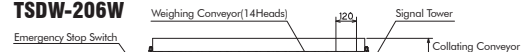
Model	TSDW-205W	TSDW-206W
Dust/water protection	IP65	
Weighing capacity	1,500g per weigh head	
Display division	1g	
Combination accuracy	0.1g	
Range of combination	8g to 6,000g	
Combination speed	20 to 25 wpm	20 to 35 wpm
Number of weigh heads	12 heads	14 heads
Weigh conveyor size	214(L) x 120(W)mm	
Collating conveyor size	1,327(L) x 160(W)mm (Flat type conveyor) 1,327(L) x 90(W)mm x 2 (V type conveyor)	1,497(L) x 160(W)mm (Flat type conveyor) 1,497(L) x 90(W)mm x 2 (V type conveyor)
Outer dimensions	1,457(L) x 745(W) x 1,090(H)mm	1,627(L) x 745(W) x 1,090(H)mm
Net weight	150kg (Flat type conveyor) 160kg (V type conveyor)	220kg (Flat type conveyor) 230kg (V type conveyor)
Number of PLU's	Max. 100 items	
Functions	Zero reset, One-touch tare, Keyboard tare, Weight check on each head, Priority combination, Weight & quantity combination, Over/under detect, Production goal, Recalculation Speed change of weighing & collating conveyors, All discharge	
Operating temperature	0°C to 40°C	
Humidity	30% to 85% (no condensation)	
Power	AC100V, 110V, 120V, 200V, 220V, 230V	
Power consumption	Max. 620W	Max. 720W

Outside Dimension

TSDW-205W



TSDW-206W



Spare Parts & Service

Yamato Spare Parts and Service are subject to the same high demands of quality as the machines themselves.

Speed, weight and volume listed are standard. Other ranges are also available when required, please contact Yamato. This machine is covered by number of patents worldwide. All illustrations and specifications are subject to change without notice.



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