

NEW
MODEL

Yamato

Semi automatic Table-top Dataweigh™

TSD-N3™ series

An ideal combination scale for fixed weight food packages



An ideal combination scale for fixed weight food packages.

Simple Operation



Low Maintenance



Accurate & Labor saving



Gentle Handling



Space saving design



 Simple Operation

Color Touch Screen Operator Interface

- 10.4 inch color touch screen
- User-friendly icons enable easy operation.
- Up to 100 pre-set programs can be memorized.

USB Memory port



- Data acquisition
- Program update

Self-diagnostics

All important system conditions, including voltages, input/output status, software versions, and analog/digital converter can be monitored and diagnosed through the color touch screen operator interface.



 Low Maintenance

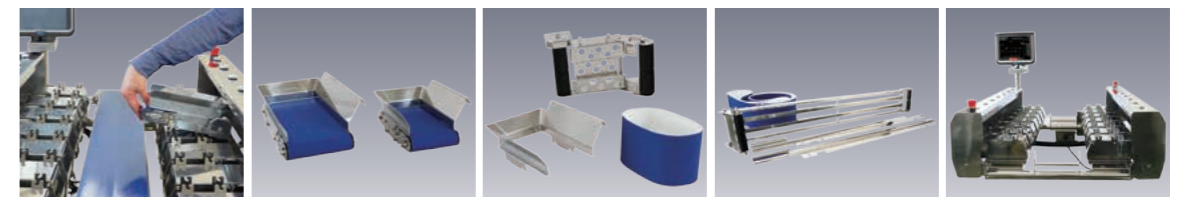
The modular Actuator Unit incorporates the high-performance Yamato Strain Gauge Load Cell with the brushless motor driven system. This modular design makes troubleshooting and maintenance easy and quick.



Easy cleaning

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

*The TSD-N3 series can be washed down with non-pressurized hose water.



★All conveyor belts are easily detachable.



Accurate & Labor saving

The TSD-N3 series selects an optimal combination nearest to the target weight and discharges it automatically.

e.g.) Making a pack of 200g



Manual work can result in loss of product

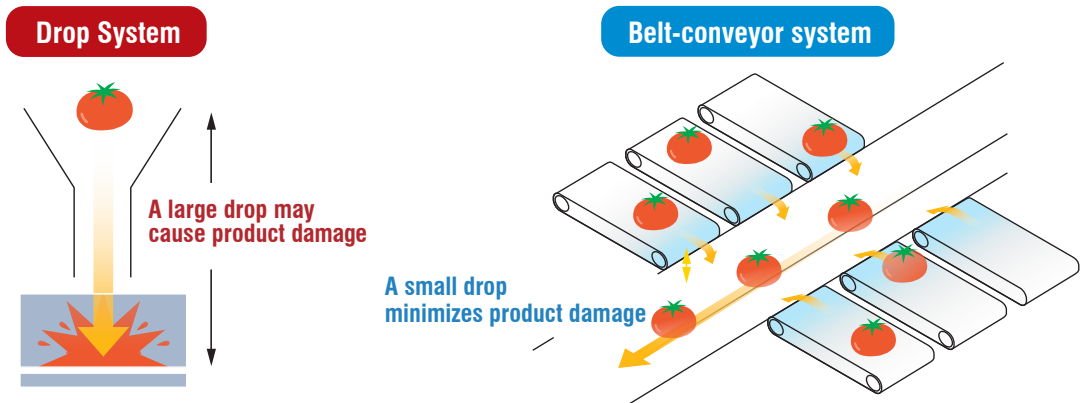
The TSD-N3 series increases the number of final packed products from the same amount of materials by reducing weighing loss.



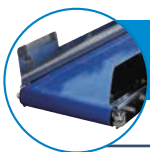
Gentle Handling

Belt-conveyor system for product discharge

The TSD-N3 series is suitable for weighing delicate and fragile products.



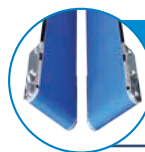
Belt-conveyor system with reduced drop height allows transfer of fragile or sticky products.



Collating Conveyor - Flat Belt Type

Applications

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



Collating Conveyor - V shaped Belt Type

Applications

- Mushroom, Garlic
- Tomato, Mini tomato, Bell pepper
- Cucumber, Egg plant, Grape bunch



Space saving design

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

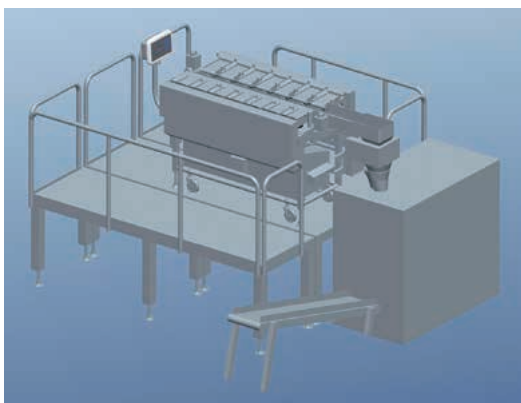
Specifications

Model	TSD-N3I4WS-FP	TSD-N3I4WS-VP	TSD-N3I4WL-FP
Dust/water protection	IP67 for conveyors and main body, IP65 for RCU		
Weighing capacity	1,500g per weigh head		
Display division	1g		
Combination accuracy	0.1g		
Range of combination	8g (effectively 20g) - 6000g standalone 8g - 18,000g with an external scale		
Combination speed	20 to 50wpm	20 to 50wpm	20 to 50wpm
Number of weigh heads	2 rows × 7 heads		
Weigh conveyoe size	215(L) × 109(W)mm	215(L) × 109(W)mm	305(L) × 139(W)mm
Collating conveyor size	1,515(L) × 153(W)mm	1,515(L) × 100(W)mm	1,725(L) × 293(W)mm
Outer dimensions	1,720(L) × 850(W) × 1,325-1,415(H)mm	1,720(L) × 895(W) × 1,325-1,415(H)mm	1,930(L) × 1,170(W) × 1,325-1,415(H)mm
Net weight	205kg	205kg	235kg
Number of PLU's	Max. 100 items	Max. 100 items	Max. 100 items
Functions	Priority combination function, Proximity combination function, Remain detecting combination function, Upper/lower limit discriminating function for unit weight, Quantity combination function, Target value setting, Target Speed setting, Multi dump function, Maximum multi-dump count, Mix combination function, Weight value update, Reversed discharge function, Zero point return monitoring function at discharge		
Operating temperature	0°C ~ +40°C		
Operating Humidity	30% ~ 85% R.H. (No condensation)		
Power	AC100 ~ 240V, 50/60Hz, Single-phase		
Power consumption	Max. 530W	Max. 630W	Max. 560W

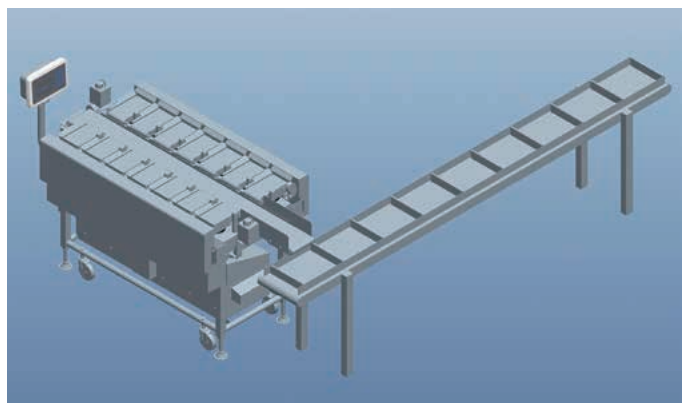


Layout

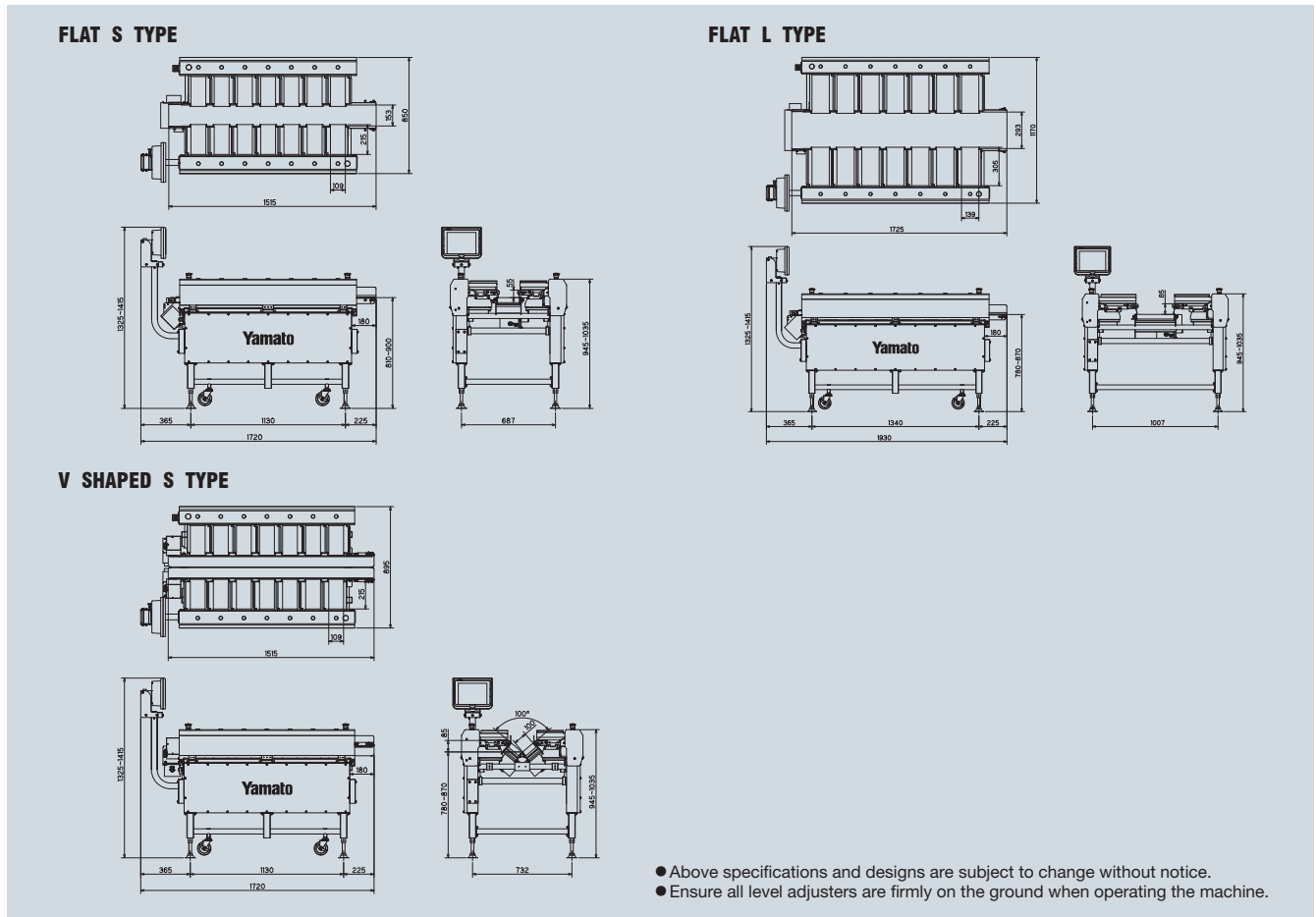
TSD-N3 + Packaging machine



TSD-N3 + conveyor system



Outside Dimension



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.

Yamato Yamato
GENUINE | BLUE ORIGINAL
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