

Built-In Multi-Lane Weighing System



From foods to precision

Anritsu's Built-In Multi-Lane Weighing Systems allow integration of high precision weighing capabilities into an existing production process with a 30-mm-wide load cell which achieves a maximum accuracy of ± 0.002 g.



Add weighing capabilities while maintaining production capacity

Anritsu focused on zero-point adjustment frequency, which can be a cause of decreasing production capacity. With our cutting edge technologies and significant experience in checkweighers, we have developed an even more sophisticated force balance load cell. It features an enhanced vibration and temperature resistance, which will lead to increased productivity.

components —



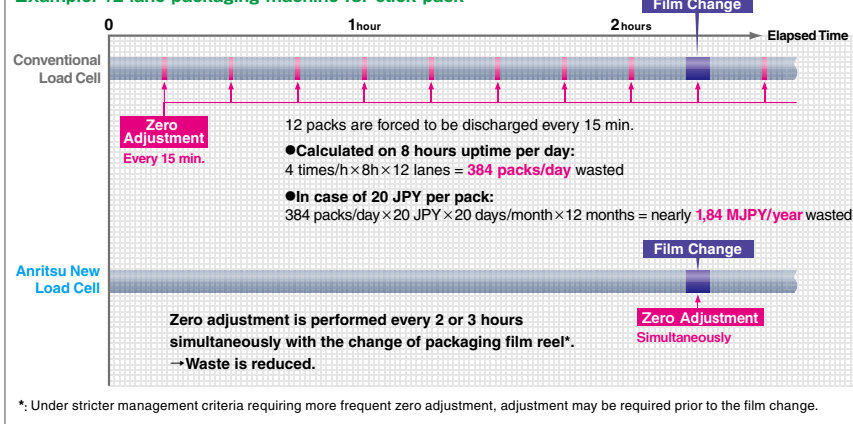
Ideal for narrow pitch weighing of small items

The 30-mm-wide load cell achieves 33-mm conveyor pitch, allowing for optimum configuration in a limited floor space. All units can be connected via one cable, further enhancing the ease of integration.

Maximize production capacity

Featuring improved resistance to external effects, the load cell is 90 percent less susceptible to vibration and temperature change compared to conventional systems. The new load cell requires zero adjustment only once in a couple of hours while conventional systems required every 15 minutes, resulting in reduced product waste.

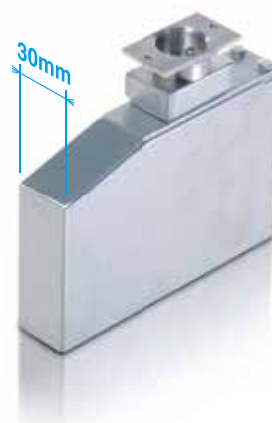
Example: 12-lane packaging machine for stick pack



High accuracy and stability

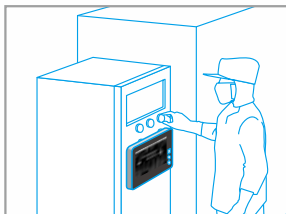
With its accumulated expertise in checkweighers, Anritsu has developed a new load cell that ensures high accuracy and repeatability with 30-mm-wide compact body.

- 30 mm slim design
- ±0.002g weighing accuracy
- Overload protection



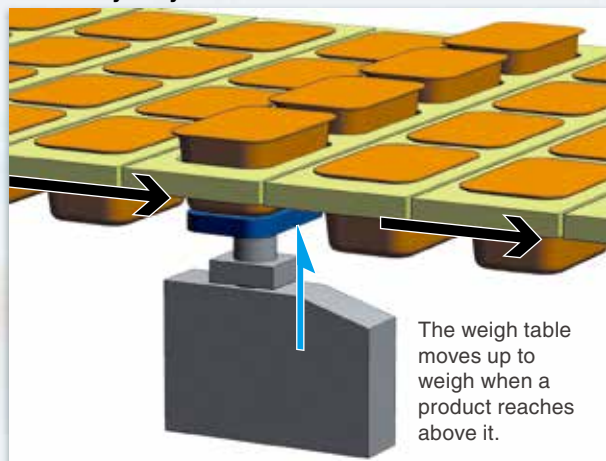
Help fill level adjustment

Large, easy to read display of measured values and deviation bar graphs allow for intuitive fill level adjustment. The high installation flexibility of the indicator further enhances the efficiency of filling.

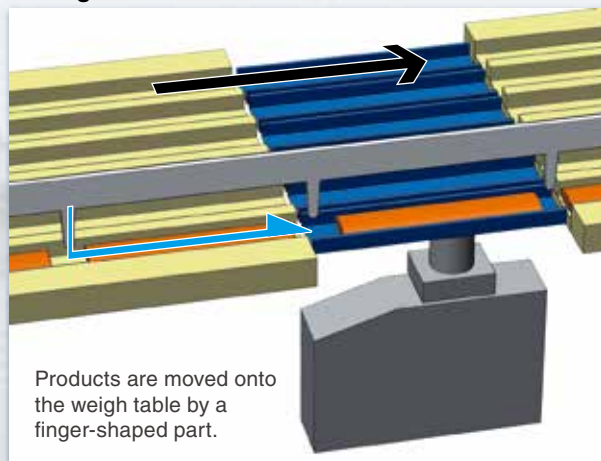


Installation Examples >>>

● Conveyor system



● Finger transfer



Compact design and simplified connection

The indicator, controller, and weighing unit come in compact design, which saves a valuable installation space. All units can be connected via one cable, ensuring the ease of installation.



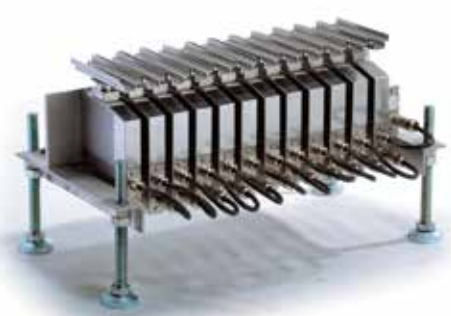
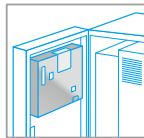
Indicator

110 mm slim design for space saving installation.



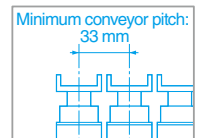
Controller

Can be connected with the indicator and weighing unit via one 10-mm-diameter cable. Compatible with CC-LINK.



Weighing unit

Advantages include narrow conveyor pitch for easy integration and high adaptability to various shapes of weigh tables.



Product Range

Built In

For integration into filling or packaging systems. Allow for space-saving line configuration.

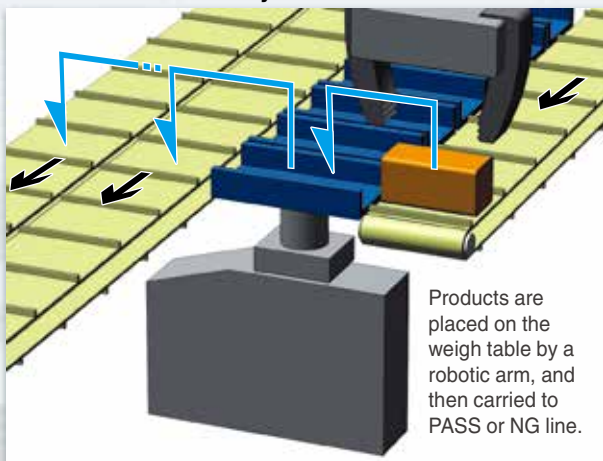


Stand Alone

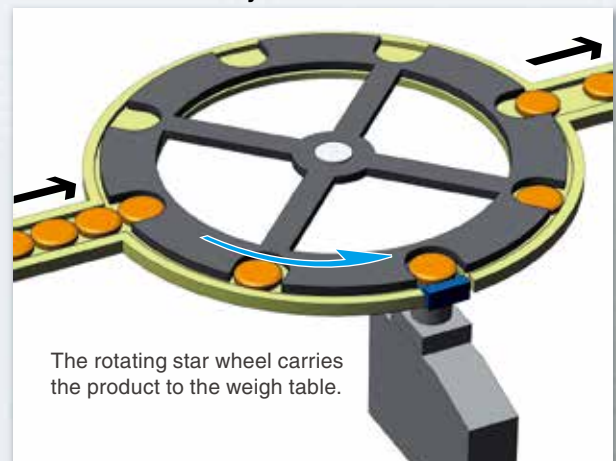
Independent controller and indicator for flexible operation.



Robotic Arm Conveyor



Star Wheel Conveyor





1: ☐ indicates the number of lane.
2: Depends on the product to be weighed.
Note: The device complies with part 15 of the FCC Rules.

CC-Link is a registered trademark of CC-Link Partner Association (CLPA).

