

Cheese Weighing Load Cells

Industry: Weighing, CPG

Summary

Customer Challenge

A leading cheese production company wants to optimize its packaging lines for a well-known soft-ripened cheese while maintaining the highest product quality, while meeting strict food industry regulations. The company needs a weighing solution that can integrate into an existing line, offer high accuracy at high speeds, and withstand the demanding hygiene requirements of dairy environments.

Interface Solution

Incorporating Interface's SPI High Capacity Platform Scale Load Cells into different parts of the line deliver precise and accurate weighing results. The load cell is integrated into the line's checkweigher to monitor product weight. When connected to the 920i Programmable Weight Indicator and Controller, will give the customer real time results of the weight of the cheese being processed. The 920i Programmable Weight Indicator and Controller can read up to four scale channels in real-time.

Results

Using Interface's SPI High Capacity Platform Scale Load Cells significantly improved the packaging line's efficiency, enabling high-speed operations without compromising accuracy.

Materials

- Multiple SPI High Capacity Platform Scale Load Cells
- 920i Programmable Weight Indicator and Controller

How It Works

1. The SPI High Capacity Platform Scale Load Cells are installed at the checkweighing points of the customer's production line belt. As cheese transports across the belts, the SPI High Capacity Platform Scale Load Cells will measure its weight in real-time.
2. Weighings results are sent to the 920i Programmable Weight Indicator and Controller, where it can read all of the load cells simultaneously and in real-time.

