

Case Study **Organic Food Bar**

Packaging Technology



BOSCH
Invented for life

Challenge

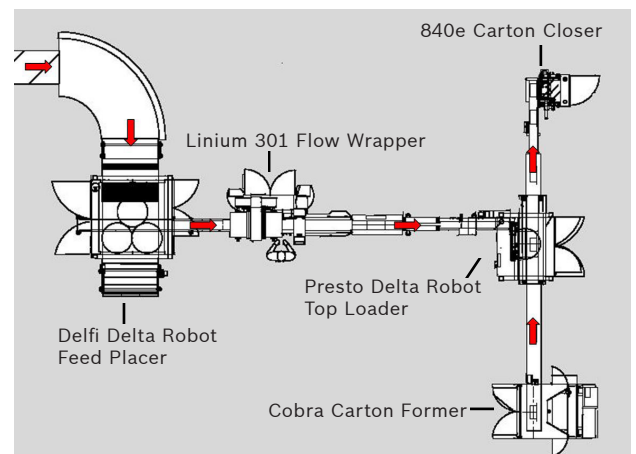
Increase Organic Food Bar's packaging rates to 300 bars/ minute while maintaining the flexibility to handle a range of bar sizes and package configurations. All machines had to meet Organic Food Bar's high sanitation standards to avoid the possibility of contamination from allergens, and they had to allow them to maintain their commitment to sustainability and reduction of their carbon footprint.



Solution

Bosch integrated three packaging machines, including two delta robots and a flow wrapper to meet Organic Food Bar's speed, flexibility, sustainability, and sanitation requirements.

- ▶ Three arm Delfi delta robot feed placer with vision system handles a range of bar sizes precisely placing 300 per minute into a wrapper infeed chain
- ▶ Bosch flow wrapper incorporates a solid steel plate frame and food-grade contact parts to meet stringent sanitation requirements
- ▶ Presto delta robot top loader's flexibility allows packing of cartons with twelve, ten, or seven bars to a carton



Benefits

- ▶ All machines are easy to use and clean for food applications
- ▶ 300 bars/ minute level met for wide range of product sizes and package configurations with simple change-overs
- ▶ Machines powered by solar energy

“With the efficiency of Bosch machines working with 100% clean and renewable solar energy, we can say with pride; Organic Food Bar is good for your body and good for our world. It’s just all good,”

Dr. Jack J. Singh, Founder/ CEO, Organic Food Bar, Inc.

“Bosch had the key equipment we needed to expand our operation at the time. Adding the machines to our existing line proved to be the right move.”

David Winget, Vice President of Operations, Organic Food Bar, Inc.



Left- 3-armed Delfi Feed Placer loading bars into wrapper infeed

Right- Film entering wrapper former