

READY. SET.
SORT.



	COMPASS B60	COMPASS B120
INSPECTION WIDTH	600 mm (23.6")	1200 mm (47.2")
OVERALL WIDTH	1491mm (57.8")	2090mm (82.3")
OVERALL LENGTH* SHORT BELT LONG BELT	2872mm (113.1") 3913mm (154.1")	3194mm (125.7") 3913mm (154.1")
OVERALL HEIGHT*	2434mm (95.8")	2434mm (95.8")
INFEED ELEVATION*	1058mm (41.7")	1058mm (41.7")
TYPICAL POWER CONSUMPTION** (400/480V, 50/60Hz, 25A, 3ph)	5 KWh	5.7KWh
TYPICAL AIR CONSUMPTION** (5.5-8.3 bar / 80-120 PSI)	42500-85000 l/h (25-50 cfm)	68000-127500 l/h (40-75 cfm)
WEIGHT SHORT BELT LONG BELT	1600kg (3527 lbs) 1839kg (4054 lbs)	1930kg (4255 lbs) 2225kg (4905 lbs)

* Without Infeed Chute
**Varies depending on specific system configuration and application requirements



COMPASS combines leading edge inspection technology with simple, intuitive operation. This advanced, belt-fed optical sorting system identifies and removes product defects and foreign material (FM) to protect food safety and product quality. Delivering sustained performance over long production cycles with minimal human intervention, COMPASS simplifies operation, cleaning and maintenance while providing a quick return on investment.

COMPASS also delivers comprehensive operational insights through Key Discovery data analytics, providing access to valuable product quality and process information, along with IIoT connectivity to other equipment and line management systems.

Learn what COMPASS can do for your process, and experience the next level of sorting automation.



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COMPASS
INTELLIGENT
FOOD SORTING
AUTOMATION



COMPASS: The Smart Choice for Effortless Optical Sorting

The COMPASS belt-fed optical sorter revolutionizes sorting for wet, sticky, and delicate products including produce and snack foods. Engineered for maximum efficiency and minimal complexity, COMPASS delivers advanced defect detection through sustainable top viewing technology that maintains consistent, repeatable sorting performance throughout long production cycles.

INTUITIVE USER INTERFACE

Workers can learn to operate COMPASS in as little as 30 minutes, create new recipes in under 10 minutes and switch between products in less than a minute. An intuitive user interface eliminates the need for specialized technical skills, reducing training costs and operational complexity.

SUSTAINABLE TOP VIEWING

Advanced camera placement delivers constant, unobstructed vision capabilities for consistent and repeatable sorting. This optimized design prevents dust and debris contamination, maintaining sustaining peak performance throughout long production cycles.



EASY ACCESSIBILITY FOR MAINTENANCE AND SANITATION

Open architecture design with sloped surfaces, minimal moving parts, and quick-remove belts allows for quick cleaning and maintenance. Strategic positioning of the sensor window prevents dust and product splatter, reducing building, minimizing sanitation requirements and maximizing uptime.

All set for success

Flexible and operator-friendly, the COMPASS fits right into your production line to improve results right from the start!



SMART DATA, SMARTER DECISIONS

Discovery data analytics provides real-time access to valuable product quality and process information with Industry 4.0 connectivity to other equipment and line management systems. Live KPIs enable proactive decision-making before problems escalate, delivering measurable ROI from day one.

SEAMLESS INTEGRATION

Compact footprint simplifies set up and minimizes elevation changes in existing facilities, reducing installation costs. Multiple belt lengths and widths allow the COMPASS belt-fed sorter to easily replace existing OPTYX or other optical sorting systems, ensuring quick installation with minimal downtime.



INDUSTRY APPLICATIONS

- Potato Chips
- Green Beans
- Leafy Greens
- Other bulk-processed food products

ARE YOU READY TO TAKE YOUR SORTING PROCESS TO THE NEXT LEVEL?

Schedule a live demonstration on your product with our experts, and see what COMPASS can do for you.