

INTELIBELT™

BUILT ON OUR MANUFACTURING
INTELLIGENCE PLATFORM

From Vision to Motion Insight.

Built on the same data foundation as LuxTronic's MassIntell system, Intelibelt brings computer vision directly to the belt. It's a targeted application of our AI-powered inspection and analysis technology, engineered specifically for conveyance systems.

WHY IT MATTERS

Belts move everything. Subtle differences in conveyance like plate configuration, belt wear, or mechanical setup, can have a major impact on how units travel, rotate, or accumulate downstream. Yet these effects are rarely measured with precision. Intelibelt changes that by transforming the belt itself into a measurable, data-producing asset.

WHAT INTELIBELT DELIVERS

- **Behavioral Visibility:** Real-time insight into how units move, cluster, and orient across the belt surface.
- **Test Condition Analytics:** Quantify before-and-after results for engineering tests such as *dead plate vs. no dead plate* or new belt configurations.
- **Optimization Data:** Capture the evidence needed to refine mechanical design and validate improvements.
- **Continuous Monitoring:** Detect deviations or drift over time to maintain consistent transfer performance.

EXAMPLE IN ACTION

A leading conveyor belt manufacturer used Intelibelt to evaluate its new dead-plateless belt design. By capturing thousands of units before and after installation, Intelibelt provided objective data on how the new design affected unit orientation, motion stability, and flow behavior. The insights helped the manufacturer validate performance improvements and communicate quantifiable results to its customers.

THE BIGGER PICTURE

Intelibelt represents a focused layer within LuxTronic's Manufacturing Intelligence framework. While MassIntell provides flexible vision capture across the production line, Intelibelt translates that intelligence into actionable data for the conveyance systems that keep everything moving.

**Learn how we can help quantify and optimize
your conveyance performance.**