

PALLETPERFECT™

Comprehensive pallet verification: One system with a suite of critical checks.

The final step of production is critically important: making sure every pallet is stable, secure, and shipment-ready. PalletPerfect™ brings LuxTronic's AI-powered vision technology to the palletizer, giving plants flexible inspection options for both glass and metal packaging.

Whether bulk or case pallets, PalletPerfect verifies every layer, slip sheet, and securing strap — preventing transport failures and ensuring only safe, quality pallets leave the floor. Even a single compromised pallet can cause damage, lost revenue, and safety risks. PalletPerfect closes that gap, securing the final stage of production with intelligence and confidence.

KEY CAPABILITIES

Layer-by-Layer Verification

Confirm proper unit formation as each layer is stacked. Detect missing, misaligned, or damaged units before they compromise the load.

Slip Sheet Condition Monitoring

Identify slipsheets that are torn, dirty, or out of place. Maintain layer stability and protect every product in transit.

Full Pallet Integrity Checks

Inspect entire bulk or case pallets for lean, height, or structural irregularities. Guarantee every pallet is safe for downstream handling and shipment.

Strap Presence & Placement

Verify that all securing straps are present, properly positioned, and tight. Prevent costly damage from loose or missing straps in transit.

Flexible Deployment

- Glass: bulk and case pallets
- Metal: bulk pallets
- Configurable for targeted checks (layers only, straps only) or full end-to-end pallet inspection



**With PalletPerfect, every shipment leaves your floor secure, reliable,
and ready to arrive exactly as intended.**