



TRIVISION
Vision beyond imagination

VisioLine[®]

Integrated vision system for
inspection of food packaging
in thermoformers and traysealers.



- Efficient seal and label inspection
- Compact, integrable vision inspection system
- Generation & utilization of production data

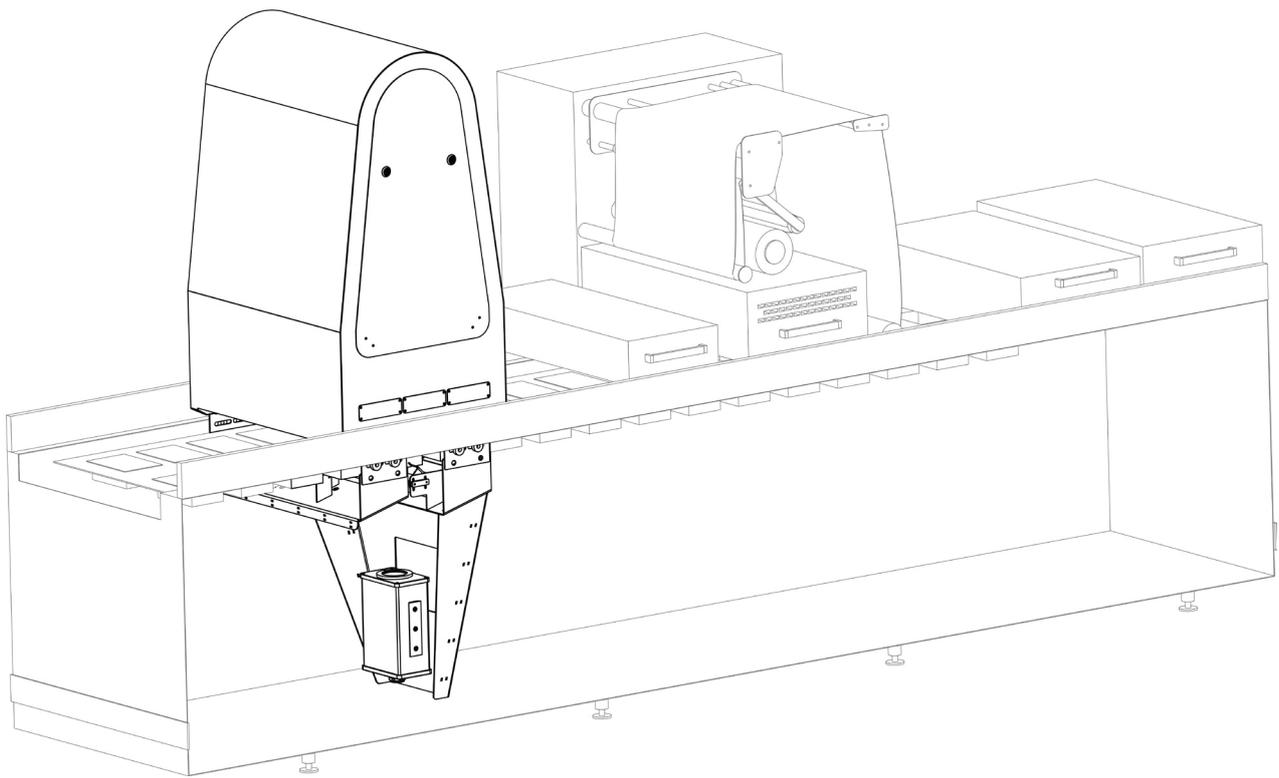
Powered by TriVision's
efficient, intuitive
machine vision technology.



VisioLine®

Product Details

VisioLine® consists of a main housing with cameras and lights, an electrical cabinet and an HMI panel. The housing is fitted into the packaging machine with customized brackets while the cabinet is placed separately. The HMI panel is built into the cabinet or onto the packaging machine.



Inspection
Types



Seal



Label & Artwork



Barcode



Print



Top Inspection



Bottom Inspection

- Seal and label inspection of food packs before the punching process
- High-speed inspection - up to 10 m/min
- Quick and easy format change
- Inspection results are delivered to an external ejection system
- Effective real-time overview of quality data and production performance
- Industry 4.0-ready with multiple comm. protocols and MES/ERP connectivity
- Cloud-based backup & Production Intelligence tool

VisioLine®

Technical Data

Performance

Max. peak indexing speed	1200 mm/s
Max. throughput	200 packs or 10m/min
Formats supported	All

Vision Components

Cameras	2-5x GigE Line Scan
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Computing System

Processing system	Industrial PC
Operating system	Windows 10 IOT Enterprise LTSC
Interface	Gigabit Ethernet and digital I/O - separate ethernet connection for machine network is optional
Comm. protocol	OPC UA and REST API
HMI	15,6" full HD multi-touch panel

Power Requirements

Power Supply	230 VAC / 5A / 50 Hz
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Mechanical Specifications

Dimensions	Length: 550 mm Height: 1067/720 mm Width: Adjustable to fit packaging machine.
Material	Stainless steel AISI 304
Enclosure Rating	Electrical cabinet IP66 Bottom Camera housing IP 66 Main housing no enclosure rating
Ejection System	Not included - integrates with external ejection unit.

