

CUBISCAN CONTOUR PRO

PASS/FAIL PALLET INSPECTION FOR AUTOMATED STORAGE & HANDLING



USER BENEFITS

- Assess lean, overhang, and structural integrity of pallet loads
- Eliminate product damage from handling & stacking unsafe loads
- Maximize warehouse space by safely stacking & storing

PRODUCT TYPES

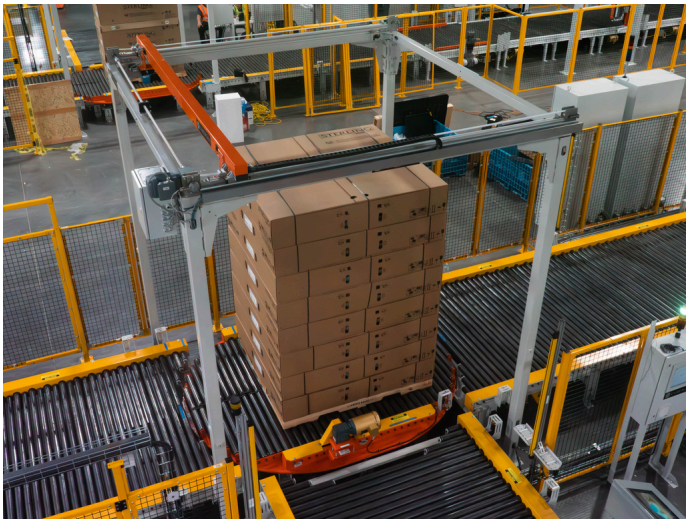
- Pallet

PRODUCT DESCRIPTION

The Cubiscan Contour Pro is a floor-mounted pallet dimensioner that produces rich pallet data for automated storage, retrieval, and handling. It excels at measuring protrusions, freight overhang, freight positioning, and tilt within pallet loads. Additional load and pallet inspection capabilities automate quality control decisions to ensure safe storage and handling practices.

The Contour Pro has two LiDAR sensors that view the freight from above and an additional LiDAR sensor that inspects the location and position of the pallet. Based on that data, the Contour Pro can tell you if the freight wasn't loaded properly, or if the freight is leaning outside a specified parameter. That data and insight is pivotal when using AGVs (automated guided vehicles) or ASRS automation to transport, stack, and store pallets.

- Provides "real" volume and checks structural integrity of pallet load
- Performs a "top layer inspection" to see if product is missing from single commodity loads
- Actionable data enables AGVs to effectively transport and stack palletized freight
- Can integrate with scales to combine weight data with dimensional data



PRODUCT FEATURES

- Three LiDAR sensors to build full point cloud of load & pallet
- Mounted axis camera for product images

PERFORMANCE SPECS

Dimensional Increment: 0.5 in (1.27 cm)

Operating Speed: 6-7 Seconds

CUBISCAN CONTOUR PRO PERFORMANCE SPECS

Measurement Capacities	Max Length	Max Width	Max Height (Pallet + Conv)
Contour Pro 5 Feet	66 in	60 in	130 in
Contour Pro 7 Feet	90 in	84 in	130 in

PROTRUSION DETECTION

Length: ≥ 2.5 cm

Width: ≥ 2.5 cm

Height: ≥ 1.0 cm

Detectable "protrusions" are 2.5cm x 2.5cm x 1cm (length, width, height), meaning that a protruding element that is ≥ 2.5 cm in length and width will be detected as part of the object.

OTHER

Data: Ethernet TCP/IP, Modbus TCP, Ethernet IP

Humidity: 0% to 90% non-condensing

Operating temperature: 32° to 95°F (0° to 35°C)

Power requirements: 120VAC 7.1A

