CUBISCAN CONTOUR-AKL

MEASURE PROTRUSTIONS, OVERHANG, AND TILT IN PALLET LOADS

USER BENEFITS

- Rich data on pallet loads
- Actionable data for AGVs
- Dimension pallets on conveyor
- Can be used as a pass/fail inspection based on contour data & criteria

MEASUREMENT RANGE

- 8'L x 5'W x 6'H

PARCEL TYPES

- Pallet
- Cuboidal
- Irregular

PRODUCT DESCRIPTION

The Cubiscan Contour-AKL is a pallet dimensioning system that excels at measuring protrusions, freight overhang, freight positioning, and tilt within pallet loads. It has two laser-based sensors that view the freight from above and additional sensing that inspects the pallet. An optional third laser sensor can measure the position of the freight in relation to the pallet. Based on that data, the CS Contour-AKL can tell you if the pallet is broken, 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) to transport, stack, and store pallets within your warehouse or inside a truck.

- Provides "real" volume and checks structural integrity of the pallet load

- Actionable data enables AGVs to effectively transport and stack palletized freight

- Can integrate with scales to combine weight data with dimensional data.

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TYPICAL "SMALLEST BOUNDING BOX"

"REAL VOLUME" MEASUREMENT

The Cubiscan Contour-AKL can be floor mounted or ceiling mounted above conveyor. The dimensioning arm that houses the sensors can be static or dynamic based on your preference and your warehouse line configuration. In a static configuration, the Contour-AKL will dimension palletized freight as it passes under the measurement arm. Conveyor speeds can go up to 90 ft/min in this configuration. In a dynamic configuration, the conveyor would pause for a few seconds as the measurement arm passes over the palletized freight. The conveyor would then proceed to move the freight again as the dimensional data is calculated.

MEASUREMENT RANGE

Length: 6.0-96.0 in (16.0-243.8 cm)

Width: 6.0-60.0 in (16.0-152.4 cm)

Height: 6.0-72.0 in (16.0-182.8 cm)

Dimensional increment: 0.5 in (1.27 cm)

PROTRUSION DETECTION

Length: ≥ 4.0 cm

Width: ≥ 4.0 cm

Height: ≥ 1 cm

Detectable "protrusions" are 4.0cm x 4.0cm x 1cm (length, width, height), meaning that a protruding element that is ≥ 4.0cm in length and width will be securely detected as part of the object.