

CS900 MEASURING FAN

Accurate Dimensioning for **Singulated Flows of Rectangular Parcels**

Increase revenues, decrease costs and improve quality by accurately measuring the dimensions of parcels and objects.



The CS900 Measuring Fan measures all your cuboidal parcels, giving you data that will enable you to increase revenues, optimise inventory control, save operation costs and improve your warehouse management. Also, OEMs and system integrators are offered a flexible and economic dimensioning unit to include in their systems.

The CS900 Measuring Fan uses Laser Rangefinder technology to accurately dimension cuboidal or "rectangular" objects, and offers several features:

- EASY, OVER-THE-BELT Installation
- A very COST-EFFICIENT dimensioning solution
- ACCURATE and repeatable measurements of cuboidal or "rectangular" boxes
- Small footprint and easy mounting to meet your operational needs
- Legal for Trade according to international approval regulations
- Most common data interfaces available

The CS900 Measuring Fan is tailor-made for singulated parcel flows, typical for applications with in-motion scales, on top of extendable conveyors, and more. Because of the easy & overhead installation, the CS900 Measuring Fan is also ideal for combining with Bar Code Scanning tunnel applications, and also for applications with cross belt and tilt tray sorters.

Dimensioner	CS900 Fan Scanner (with standard Cargoscan display and pulse encoder)
Bar Code Reader	Omni directional fixed position
Data Concentrator	Cargoscan Industrial PC with CSM Software for merging ID, dimension and weight data
Scale	The CS900 solution will interface with a range of In-Motion Scales to meet the customer's needs

< Complete Data Capture Solution with the CS900 Measuring Fan

CS900 Measuring Fan with Rangefinder Technology

Precision	± 5mm (±0,2") up to 77 m/min
Maximum object size (wxhxl)	90 x 90 x 250 cm (36" x 36" x 100")
Minimum object size (wxhxl)	5 x 5 x 5 cm (2" x 2" x 2")
Parcel throughput	5000 Parcels/objects per hour
Object speed	120 m/min.
Object shape	Only cuboidal/rectangular parcels/objects
Object spacing	Standard: 25 mm (1"). With Back-to-Front Touching Software: None
Object orientation	Place most stable surface down. No other restrictions.
Background	Device verifies correct background. Conveyer belt needs to be flat.
Operational temperature	-10° to 40°C (14° to 104°F)
Voltage	230V 50Hz, or 115V 60Hz
Interface	RS232 / Ethernet

The Cargoscan Rangefinder Technology

In 1995 Cargoscan introduced the PILAR® (Parallel Infrared LAser Rangefinder) technology. This technology uses a range finder with infrared light that measures hundreds of thousands of points looking at the object from the top. The Cargoscan Rangefinder technology is based on the PILAR® Technology, and contains the same hardware components, while a new software enables a less complex set-up. This makes dimensioning solutions based on the Rangefinder technology equally accurate and reliable as the ones with PILAR®, but is tailored-made for less complex applications.

Paralell Infrared LAser Rangefinder

