Static Dimensioning

CSN840 SingleHead™
Basic pallet handling

Optimised Measuring Capabilities

for handling regular shaped objects, as well as dark or glossy wrapping, with the highest accuracy. Basic measurements can be easily captured for effective load panning while irregular objects can also be measured in non legal for trade applicaitons.

Easy Integration

to any location and traffic on the floor. Ceiling, floor or wall-mounting options enable the user to find a suitable location that optimises pallet throughput without interfering with current operations. Its modular design also means that it can be combined with any floor or forklift scale.

Online Service Site

for each unit. Software installation, maintenance and upgrades are quick and easy and can be done through Internet both remotely and on-site. A user-friendly interface guides the user through the different commands of the system, reducing the need for advanced training and maximizing system capabilities and up-time.

Full Visibility

means data is effectively captured, stored and easily accessed with the user-friendly work station. Once the barcode is scanned, the data is instantly displayed on the monitor and a traffic light shows the status of the measuring process. The operator has full control at all times of current and historical data.

Effective Data Handling

when combined with OCTO™ DataCapture. This software is used to merge the weight, dimensions and barcode of a pallet. The software merges the data and forwards results to the customer's host system.

Octo™ DataCapture

CSN840 SingleHead™
Static pallet solution

The CSN840 SingleHead™ is an easy to use pallet measuring system with high accuracy on regular shapes with any surface.

It can be purchased as a stand-alone unit to measure pallet for effective load planning and to avoid damages and delays, or as a complete data capture solution, which includes the dimensioner, scales, barcode scanner and software components for merging data.

A complementary unit to the more advanced CSN840 Pallet™, this system is ideal for customers new to pallet dimensioning and interested in a cost effective solution to measure regular shaped objects. The dimensioner can also be configured to dimension irregular shaped pallets in non legal for trade applications.

METTLER TOLEDO

Technical data
CSN840 SingleHead™
Static pallet solution

Features and benefits

- Laser range finder technology for accurate measurement of length, width and height
- Wireless long-range, hand held bar code reader for automatic ID
- 20 mm accuracy for reliable measurements
- Ceiling, floor and wall mounting options for seamless integration
- Merging software for secure collection and linking of data
- Host communication for seamless transfer of data to customer host
- Image capture of pallets for protection against damage claims and audits
- Bar code validation for customization of bar codes to accept or reject
- Alibi memory for tamper-proof storage of data
- Web-page with graphical menu for quick set up, easy configuration, monitoring and access to statistics
- Embedded application software. No extra PC required.
- Remote access. Easy upgrades and service
- Graphical colour user-interface and monitor for clear overview of measuring process
- Traffic light to guide the operator

Specifications

Dimensioning accuracy	± 20 mm [1]
Maximum size (LxWxH)	Standard version: 1830 x 1830 x 2600 mm
Minimum size (LxWxH)	200 x 200 x 200 mm [2]
Maximum weight	Depending on floor scale
Minimum weight	Depending on floor scale
Throughput	Approx. 200 pallets pr/hr depending on how pallets are handled in the terminal
Shape	Solid hexahedrons (cuboidals) [3]
Surface characteristics	Most surfaces. Variance are sometimes encountered when surface is transparent/translucent or very glossy [4]
Orientation	Place pallet within the defined field of view
Background	Flat continuous surface. Instrument verifies acceptable background.
Spacing	Objects placed under the dimensioner one-by-one
Operational temperature	0° to 40 °C
Power	230 V 50 Hz, or 115 V 60 Hz
Laser type	Class 2
Interface	General Ethernet (TCP/IP) or Standard host (RS232)
I/O ports	VGA, USB, keyboard, binary in, binary out

1) Accuracy valid for regular shaped objects
2) Non legal for trade approved at 100 x 100 x 100 mm (4 x 4 x 4 in.)
3) Will accept all shapes for non legal for trade
4) System gives message code if surface looks uncertain

Main components

Dimensioner	CSN840.1
Scale -standard	IND425- Vertex 2158 for 6000 kg (13000lb) or 3000 kg (6500lb)
-option	IND425-ES3000/A for 3000 kg or IND425-ES1500/A (3250 lb)
Bar code reader	Wireless handheld Datalogic Gryphon
Accessories	Colour TFT-LCD 17" monitor, touch screen, standard USB keyboard, workstation, power management kit, traffic light and various stands
Application software	host communication, bar code validation, alibi memory, remote diagnostics

Hardware and software components can be purchased separately or as a complete certified dimensioning, weighing and identification solution.

Θεοδώρου

ΚΩΔΙΚΟΠΟΙΗΣΗ · ΙΧΝΗΛΑΣΙΜΟΤΗΤΑ · ΔΙΑΧΕΙΡΙΣΗ ΠΑΡΑΓΩΓΗΣ

Αγ. Αθανασίου 17 Τ.Θ. 76
19002 Παιανία
marketing@theodorou.gr

Τηλ: 210 6690900
Fax: 210 6640200
www.theodorou.gr