

CSN840 Pallet™

Profitable Pallet Handling



Any Shape, Any Surface

Carriers lose the most money on big, bulky freight. Three measuring heads see pallets from all angles, providing accurate measurement of any shape. Large optics let in enough light to handle any surface, even difficult-to-measure wrappings, such as black plastic.



Increase Operation Flow

Out of the way of forklift traffic, overhead mounting makes it easy to position pallets under the dimensioner with no slow-down in operation. Dimensions are captured in under 5 seconds and seamlessly integrated with weight and ID data. Robust design and no external moving parts minimize risk of down-time.



Take a Picture of Each Pallet

The image capture feature allows you to add a picture of each shipment to the data profile. Pictures are a valuable customer communication tool and provide proof of condition, content and measurement using a legal-for-trade system.



Easy to Install, Easy to Use

Professional service technicians will have your dimensioner up and running in only a few days. The system is easy to learn and easy to use. Simply place the pallet under the dimensioner and trigger it by your preferred identification method, a scale or by pressing the Dim Button.



Improve Operations With Automatic Measuring

Easy to install and easy to use, the CSN840 calculates the dimensional weight of a shipment for correct classification, pricing and invoicing. This allows transport companies to offer fair, visible pricing while benefiting from revenue recovery and better utilization of space and resources.

The system is fully approved by global weights and measures authorities and offers high accuracy for all shapes and surfaces including shiny, black plastic.

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Pallet Dimensioning

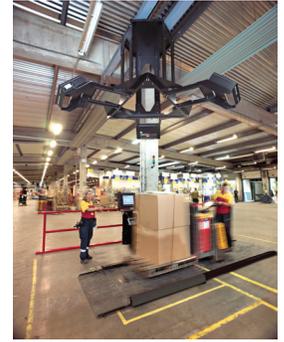
Features and Benefits

- Laser range-finder technology for accurate dimensions
- Accurate, repeatable measurement of any shape or surface
- Ceiling, floor and wall-mounting options
- Application software for merging of weight and barcode data
- Seamless transfer of data to host
- OCTO ImageCapture™ takes a picture of every pallet measured
- Alibi memory for tamper-proof storage of data
- Website with graphical menu for quick set up, easy configuration, monitoring and statistics
- Remote diagnostics for easy upgrades and service, maximizing up-time



High-Performance Measuring

The CSN840 dimensioner measures dimensions by sending a laser onto an object below and measuring the time it takes for the light to come back to the dimensioner. With this data, the dimensioner can calculate the size of the object below. The highly precise detectors provides the dimensioner with a wide dynamic range, enabling it to measure bright, glossy, or even high-contrast items.



Overhead Mounting

The CSN840 can either be mounted on a stand on the floor, to the wall or to the ceiling, or over existing floor scales or roller conveyors depending on operational needs. The installation is quick and easy and will have your dimensioner up and running in a few days.

Technical Specifications

Dimensioning accuracy	± 20 mm
Maximum size (LxWxH)	2500 x 2500 x 2600 mm
Minimum size (LxWxH)	200 x 200 x 200 mm ¹⁾
Throughput	Approx. 200 pallets per hour (dependent on operation)
Object shape	All solid shapes
Surface characteristics	Most surfaces. Variance are sometimes encountered when surface is transparent/translucent or very glossy ²⁾
Orientation	Place most stable surface down within the defined field of view
Background	Flat continuous surface. Instrument verifies acceptable background.
Spacing	Objects placed under the dimensioner individually
Operational temperature	0° to 40 °C
Power	230 V 50 Hz, or 100-115 V 60 Hz
Laser type	Class 2
Interface	RS232 / Ethernet
I/O ports	VGA, USB, keyboard, binary in, binary out

1) Legal-for-trade approved at 200 x 200 x 200 mm

2) System gives message code if surface looks uncertain



OIML 129, MID and NTEP certificates
 Compliant to health and safety regulations
 Internet: <http://www.mt.com>
 Worldwide service
 Quality certificate ISO9001

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www.mt.com/CSN840

For more information