



**PALLET DIMENSIONING
APPLICATIONS AND
BENEFITS**

BOOM IN ECOMMERCE IS A DOUBLE-EDGED SWORD

The growth in ecommerce is exploding, and as a result more than 35 percent of the retail industry will be made up of ecommerce shipping by 2020.

As a result, ecommerce needs will be a strong driver of LTL shipping trends for years to come.

While a higher volume of demand means greater revenue, profit may fall as carriers are forced to deliver less efficient or lower density shipments to remote areas, thus increasing the cost of carrying and delivering the shipment.

With increased volume and lower density shipments, carriers must ensure they are applying accurate pricing to shipments, classifying freight correctly, and optimizing and automating the process of cubing out their trucks.

This white paper examines how pallet dimensioning boosts speed, accuracy, and ROI, encouraging both efficient business and efficient packaging.



PALLET DIMENSIONING YOUR LTL FREIGHT

- Increases speed

Pallet dimensioning speeds up your process exponentially, and in this world of instant gratification, accelerated processes make everyone happier. Measuring pallets by hand seems painfully slow when a pallet dimensioner can simultaneously measure and photograph all visible sides of a load in seconds.

“In fact, in the time it would take a person to carefully measure one pallet, a pallet dimensioning system can easily measure 24 pallets.”

Dean Simmons
Cubiscan, Director of Sales & Marketing

- Improves accuracy

It's been said that you can have things fast and below standard, or things above standard slowly. With a pallet dimensioner, that's not the case. Pallet dimensioning uses infrared laser-sensing technology that is safe for both operators and freight to provide a simplified process that is faster than traditional measuring, and completely accurate.

- Promotes ROI

With increased speed and improved accuracy, shippers that use pallet dimensioners typically see an ROI within three to six months, with many recuperating costs within one month. Pallet dimensioners prove to be an advantage by helping shippers and carriers avoid chargebacks or assess accurate chargebacks, and recover revenue. Pallet dimensioning systems also provide value in collecting images of the current condition of the freight, reducing labor costs, and eliminating costly mistakes, while also assisting in cubing out trucks.

Shippers can identify whether LTL or TL is more appropriate for shipments, and certified dimensions can be used to appeal freight charge increases. In addition, the data transfer time of pallet dimensioners is optimized into other software systems.



"A pallet dimensioner can be used to create a paperless operation and incorporate green logistics, while eliminating waste, thus providing additional returns on investment to bottom lines, and investment into the environment."

Clark Skeen
Cubiscan, Co-founder

INCREASED SPEED, ACCURACY, AND ROI WITH PALLET DIMENSIONING IN:

- Shipping

Pallet dimensioning used in shipping applications provides a way to anticipate shipping charges and document images of the freight's current condition. Shippers can also accurately determine freight classification and avoid chargebacks.

"If a load comes apart, product can be destroyed, opportunity costs can skyrocket, and safety can be compromised," Skeen said. "Pallet dimensioners allow for an automated system with damage prevention, process control, and appropriate resource allocation."

- Warehousing and distribution

Warehouses gain an advantage with pallet dimensioners to optimize product storage. The accurate dimensions a pallet dimensioner provides can be used to ensure integrity of a load. Consistency of load size and shape are essential to preventing catastrophe.

Warehouses that implement pallet dimensioners find success in using them to determine real volume and in pass/fail operations.



- Transportation

Most carriers run out of space before they run out of weight allotment, so dimensional weight pricing allows carriers to figure out appropriate and precise shipping charges. Pallet dimensioners give carriers an advantage in shifting efficient packaging back to shippers while making more profit and more effectively cubing out trucks.



SELECTING A PALLET DIMENSIONER

To ensure the most efficiency for your business, look for the following features in a pallet dimensioner that will maximize your return on investment while increasing your speed and accuracy.

- NTEP approved
- Provides images of the freight
- Measures freight in virtually an orientation, shape, color, or packing material
- Easy integration with your existing software systems
- Consistency, accuracy, durability

With over 2,400 installations worldwide, Cubiscan pallet dimensioning is the industry standard. Logistics companies are actively implementing revenue recovery strategies and Cubiscan pallet dimensioning is a key part of that game plan. Cubiscan offers several customizable pallet dimensioning options that can be ceiling, wall, or floor mounted. Cubiscan's pallet dimensioners can work in conjunction with a floor scale, or as a stand-alone measurement system when weight is not required. The Cubiscan DriveThru system even allows forklift operators to accurately measure palletized freight with no stopping and dropping.

BENEFITS OF PALLET DIMENSIONING

Upon implementing a pallet dimensioner, you can anticipate unlocking the following benefits. First, you'll see increased consistency as the dimensioner eliminates human error when measuring. Improved accuracy is also seen as the Cubiscan pallet dimensioner can measure freight of virtually any shape, color, or package material in increments of 0.5 in (1 cm). Operational and workflow efficiency will be optimized as the pallet dimensioner's average measurement time is 4-5 seconds. These advantages lead to increased revenue and profit by enabling dimension-based rating, freight auditing, and analysis of "big data". Competitive business all comes down to speed, accuracy and value, each of which is produced by implementing a pallet dimensioner.

LEARN MORE ABOUT CUBISCAN PALLET DIMENSIONERS

Click [this link](#) to watch videos, see measurement specifications, and better understand how your LTL, 3PL, or shipping company can use pallet dimensioners to increase speed, improve accuracy, and increase bottom-line revenue.

Have specific questions and want to talk to us directly? [Call us at \(801\) 451.7000](tel:8014517000) and we'll be happy to discuss your unique dimensioning needs.