

Rice Lake Freight Dimensioning Questionnaire



Existing Customer: Name of Servicing Dealer: RLWS Customer Number:

Yes No

Company: Date:

Address 1: City:

Address 2: State/Zip: Country:

Primary Contact: IT/Integration Contact:

Email: Phone: Email: Phone:

Quote Type: Budgetary Firm (valid for 30 days)

Legal for trade measurement capabilities (select the one that best fits your needs)

PWD		FLEX-4		FLEX-8		LTL-5		LTL-8	
MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
6 × 6 × 6	84 × 72 × 84	12 × 12 × 12	102 × 102 × 96	12 × 12 × 12	156 × 102 × 96	6 × 6 × 6	108 × 108 × 96	6 × 6 × 6	168 × 108 × 96
15 × 15 × 15	210 × 182 × 210	30 × 30 × 30	260 × 260 × 240	30 × 30 × 30	400 × 260 × 240	15 × 15 × 15	270 × 270 × 210	15 × 15 × 15	420 × 270 × 210
Drop and Clear mode only						Drop and Clear, Stop and Go, In-Motion			

*Min and Max dimensions are in inches and centimeters

Dimensioner Integration

A dimensioner needs to be triggered to tell it when to measure and collect weight, dimensions, images and/or barcode information. When deciding how to trigger the dimensioner we should also consider the process-flow of the dimensioning operation. Once we know how and when we want to trigger, we then need to understand the file transfer requirements for the data and images.

Triggering Method (choose one)

Option 1:

Button keypress from an industrial PC triggers the dimensioner to capture barcode data, weight, dimensions and images. Operator is required to be in the physical range of the PC running the software.

Option 2:

Barcode scan triggers the dimensioner to capture barcode data, weight, dimensions and images. Optional use of a long-range scanner allows operating from a distance or moving the PC to a safe location away from potential harm.

Option 3:

iDim-CLS bridge software running on a 7-inch (18cm) mobile PC mounted to a forklift with a scale attachment. Triggers the dimensioner to capture barcode data, weight, dimensions and images. Provides safe and efficient operation in a busy environment. Operator never has to leave cab of the forklift. LTL applications only

Option 4:

API command transmitted from customer server to iDim SS to trigger dimensioning and collect barcode data, weight, dimensions and images. This is a poll and response communication scheme. This option requires customer IT department to support and implement.

API manual https://www.ricelake.com/media/123lsv4t/m_us_167741_gubevuapiguide_rev.c.pdf

File Transfer Method (choose one)

Option 1:

End-user configurable hot key on my computer to transfer the measurements to my PC using iDimension App program. This will also save the measurements, images, time, date and barcode data to a directory on the local hard drive or network location. iDimension App is a free download from <https://www.ricelake.com/resources/software/>

Option 2:

iDimension SS (software suite) installed on a 12-inch (30cm) PC from Rice Lake which provides and automatic data export to a network FTP file server. If connection to the server is lost, transactions are buffered and later transferred when connection is restored. The PC must be connected directly to the dimensioner with server FTP connection on a dedicated network adapter.

Option 3:

iDimension SS installed on a customer provided server. This provides a faster method of data transfer and the customer is in control of the hard disk memory partition. Note that if the server is disconnected no dimensioning can take place (no triggering) until a new connection is established. FTP, SFTP, FTPS and SMB file transfers are supported. Data protocols include CSV, JSON, XML and TXT. This option requires customer IT Department support.

Option 4:

API and SDK for simple API integration through HTTP requests, status checking and XML parsing.

Option 5:

iDimension QubeVu Server API with secure data upload (push) to local and remote data centers including cloud-based locations using REST API with OAuth 2.0.

Mounting Options

I want the dimensioner suspended from the ceiling.

The dimensioners installed height will be 11 feet (335cm).

My ceiling height is greater than 25 ft (762cm).

Height of ceiling? Units? ft cm

I want the dimensioner to be floor mounted.*

I will provide non reflective bollards or barriers to protect dimensioner legs from being hit by forklift or pallet jack traffic.

**Applies to PWD and Flex models only.*

Weighing

I don't need to weigh items.

Rice Lake dimensioners are compatible with RL 680 and 1280 digital weight indicators, and Dini Argeo indicators/transmitters.

I have a compatible floor scale.

Make and model of existing digital indicator:

I want a scale to put under my existing pallet stretch wrapper.

Make and model of stretch wrapper:

I want a forklift scale integrated with the dimensioner (LTL only).

Make and model of existing forklift scale:

How many forklift scales are in your facility?

I need a picture(s) of the item.

I require Type approval for Legal For Trade applications.

NTEP ☐ EU MID ☐ OIML ☐ NMI (AUS) ☐

Country of deployment:

Installation Requirements

A 110-240 VAC power outlet and Ethernet socket are required within 40 feet of the dimensioner.

Rice Lake has multiple models/sensors available for different environmental requirements.

Tell us about your warehouse environment so we can select the right sensors for your application. Mark any conditions that are true.

Skylights/natural light

Safety/reflective vests

Shiny epoxy floors

Safety tape on forklifts

Reflective bollards/safety cones

Nearby dock doors

Ceiling greater than 35 feet

Nearby windows