Freight Dimensioning Questionnaire

RICE LAKE
W E I G H I N G   S Y S T E M S

Company or Dealer _____   Contact _____

Address _____   Phone _____

City   _____   Email _____

State/ZIP _____   Country _____

STANDARD PRODUCT LEGAL-FOR-TRADE MEASUREMENT CAPABILITIES

PWD		FLEX		LTL		LTL XL	
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
6 X 6 X 6 inches	72 X 72 X 72 inches	12 X 12 X 12 inches	72 X 72 X 96 inches	12 X 12 X 12 inches	96 X 96 X 96 inches	12 X 12 X 12 inches	144 X 96 X 96 inches

Applications that are not Legal for Trade may allow broader measurement capabilities.

MEASUREMENT REQUIREMENT

Package Size	Length	Width	Height	± Accuracy
Minimum Size				
Maximum Size				

Preferred Measurements	Package Type	Pallet Wrapping Material	
❑Inches ❑Millimeters	❑Palletized carton ❑Palletized object ❑Both	❑Black stretch film ❑White stretch film ❑Clear stretch film	❑Banded cardboard ❑Other film color _____

APPLICATION PROCESS

A Dimensioner needs to be triggered to take measurements and collect barcode and weight information. Consider the process-flow before deciding when and how to trigger the dimensioner. Rice Lake Weighing Systems must also understand how the data and image files are to be processed after dimensioning.

Data Transfer (Choose One)

❑ Option 1: iDim SS (software suite) installed on a 12-inch industrial PC from Rice Lake (part number 205073) which provides an automatic data export to an 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 2: iDim SS (software suite) installed on a customer provided server. This provides a faster method of data transfer (subject to network latency) and the customer is in control of the hard disk memory partition. Note that if the server is disconnected, no dimensioning can take place until a new connection is established. FTP and SMB file transfers are supported. This option requires customer IT department support.

Triggering Methods (Choose One)

❑ Option 1: Button keypress from the industrial PC triggers the dimensioner to capture optional 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 barcode scanner allow operation from a forklift, and moving the PC to a safe location away from potential harm.

❑ Option 3: iDim-CLS Bridge software running on 7-inch mobile PC mounted to a forklift with a scale attachment. Triggers the dimensioner to capture barcode data (optionally), weight, dimensions and images. Provides safe and efficient operation in busy shipping environments. Operator never has to leave cab of the forklift.

❑ 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 or response communication. A command from the customers server is necessary to trigger and respond. Requires customer IT department support to implement.

API manual https://www.ricelake.com/media/123lsv4t/m_us_167741_qubevuapiguide_revc.pdf

*Data protocols supported include: CSV, JSON, XML and TXT

In addition to the length, width and height we can also collect bar code data, weight, and up to three independent customized user fields such as PRO number, sales order, customer number etc. Rice Lake will need to understand your process flow prior to quoting when additional user fields are desired.

User Field 1 ❑ _____   User Field 2 ❑ _____   User Field 3 ❑ _____

One 2.4 POE network camera comes standard and will provide images from the top and two sides.
❑ Include a second camera providing images from all sides of the freight/object.

During the quoting phase our Integration Solutions Engineer is available for questions regarding network integration.

Customer IT contact name, phone and email. _____

PERIPHERAL EQUIPMENT

❑Bar code scanner: ❑ Wired   ❑Long-range wireless

❑Label printer at kiosk (4 × 6 label)

❑iDimension SS software to manage data transfer (pallet dims, weight, images, pro #, pallet #)

❑Forklift 7-inch mobile PC and Ram mount kit

❑ iDim-CLS Bridge software to integrate forklift to dimensioner

❑LTL target zone LEDs (floor position indication if not installed over a floor scale or stretch wrapper)

WEIGHING EQUIPMENT

❑   I need new weighing equipment:

Type of scale (floor or pit) _____, size (LXW) _____, capacity _____

I need a new ramp for floor scale (y/n) _____ how many _____

❑   I have existing weighing equipment:

Type _____, size (LXW) _____, capacity _____

❑   I want to use forklift scales. A separate questionnaire is required for new equipment.

Number of existing forklifts with scales installed _____?

Number of new forklift scales required _____? Make and model of forklift _____?

Do you have an existing forklift mounted mobile PC integrated with your network? (y/n) _____.

Make and model of forklift mounted PC or tablet. _____.

Provide the name of scale dealer that services your existing weighing equipment? _____

INSTALLATION and ENVIRONMENT

Height of existing ceiling _____ Temperature range of facilities _____ ❑Fahrenheit ❑Celsius

Ceiling construction (wood, metal, I-beam, Z channel, concrete) _____ I-beam size_____

Is the ceiling sloped? What is the slope ___? Or 2 ceiling height measurements 10 feet apart _____ _____

Will dimensioner be installed above a: conveyor _____, scale _____, pallet stretch wrapper _____? If so, please provide make and model, dimensions, and a picture or drawing.

Is a scissors lift available at your facilities? _____

Is a duplex power outlet (120VAC) available within 20 feet of dimensioner location? _____

Is a network drop available within 20 feet of dimensioner location? _____

Please attach photos to help us prepare for the installation.

Please attach a picture of ceiling.

Please attach pictures of nearby lights, windows and heating/air conditioning vents or obstructions.

Please attach picture of the floor work area.

Additional notes we need to know about this installation.: _____
_____
_____
_____
_____
_____
_____