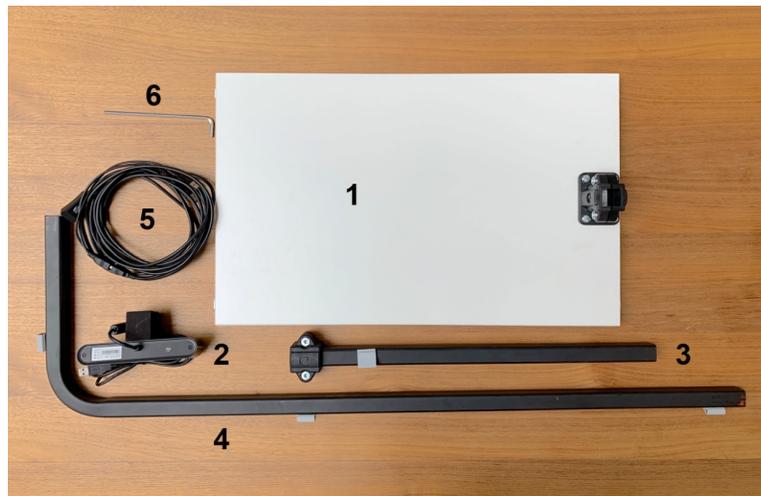


Tricolops Dimensioner Quick Start Guide

Revision: 1.2
July 15, 2019

Check package content



You should receive the following items:

1. Baseplate
2. Tricolops dimensioner
3. Extension tube
4. L tube
5. Extension cable
6. Allen key

Connect extension tube to baseplate

Insert the extension tube into the bracket on the base plate, tighten the bracket using the 5mm hex key.



Attach dimensioner to the L tube

Insert the dimensioner onto the L tube, tighten the connector using the 5mm hex key.



Attach cable to clips on the L tube

Attach the USB cable to the clips on the L tube.



Connect L tube to extension tube

Insert the L tube into the bracket on the extension tube, tighten the bracket using the 5mm hex key.



Attach USB extension cable

Connect the USB extension cable to the dimensioner, then connect the USB extension cable to the computer.



Install the Tricolops Dimensioning Application

Install the latest Windows application onto the shipping computer by downloading from <https://tricolopstechnology.ca/r/tda-download>. To ensure the application and device drivers are installed successfully:

- Temporarily disable / close anti-virus software.
- Install using a user account with administrator permissions.
- Restart the computer after the installation completes.

Clear trigger area

Make sure the base plate is flat and free of objects. If the dimensioner is used with a scale, place the scale directly underneath the dimensioner.

Start application

Double click the Tricolops application icon on the Desktop.

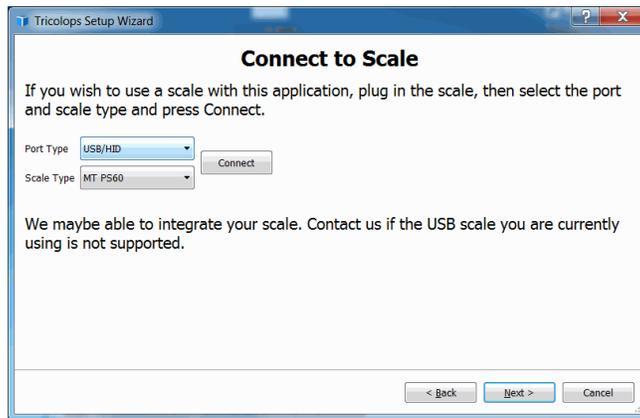


Follow the Setup Wizard

The setup wizard can be accessed at any time by going to Help → Setup Wizard.

Connect to scale (Optional)

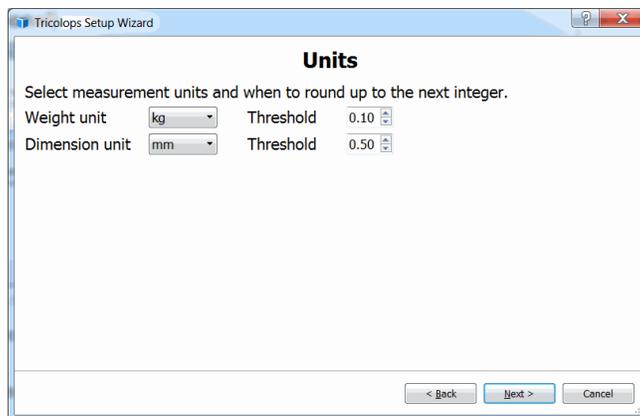
Select the supported scale from drop down and press Connect. Press Next when connection is successful. Alternatively, a scale can be connected by going to Advanced → Scales.



Click [here](#) for the list of supported USB scales.

Change unit of measurement

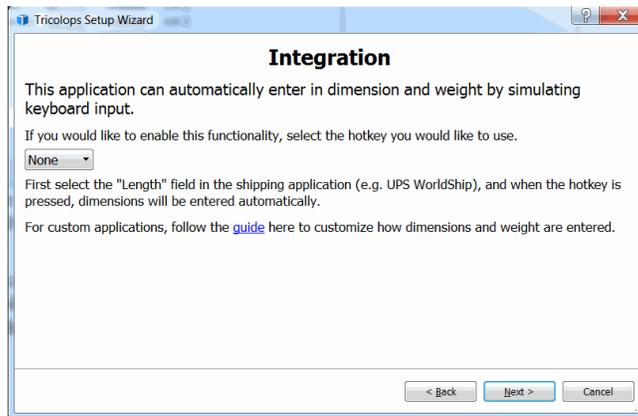
Select the appropriate units for use. Threshold specifies when to round up to the next integer. For example, if the threshold is set to 0.1, 3.05 would be rounded down to 3, while 3.15 would be rounded up to 4. Rounding thresholds only affects values entered using hotkey integration, and does not affect the displayed value or any other integration methods.



Alternatively, measurement units can be changed by going to Options → Dimension Unit and Options → Weight Unit. Rounding threshold can be changed by going to Advanced → Settings → Integration, and adjusting dimension and weight rounding threshold.

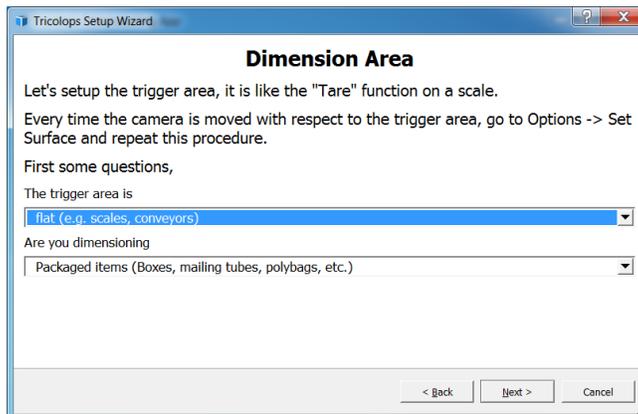
Hotkey Integration

Tricolops Dimensioning Application can automatically enter dimensions into any Windows or web application. Click on the "Length" field in the shipping application, and press the specified hotkey (F1 to F10).



Alternatively, the hotkey can be changed by going to Advanced → Settings → Integration. If you are entering both the dimensions and weight using the Tricolops Dimensioning Application, contact support@tricolopstechnology.ca or consult the Tricolops Dimensioning Application Integration Manual.

Dimension area setup



It is recommended to use the default settings unless:

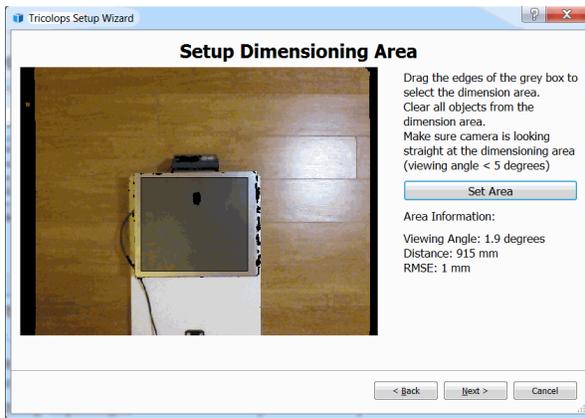
- The surface of the scale / conveyor is not even, then change the first drop down to “uneven”
- There is trouble calibrating the trigger area in the next step, then press Back to this step and change the first drop down to “uneven”
- There is trouble dimensioning unpackaged items, then change second drop down to “unpackaged items”

Trigger area setup

The trigger area is a flat surface underneath the dimensioner, usually it is the top of the scale or the baseboard.

To setup the trigger area, remove all objects from the scale or the baseboard and press “Auto Find Trigger Area”, this should be sufficient in most cases. To adjust the trigger area manually, drag the edges of the trigger area to adjust its position and size.

Some examples are shown below:

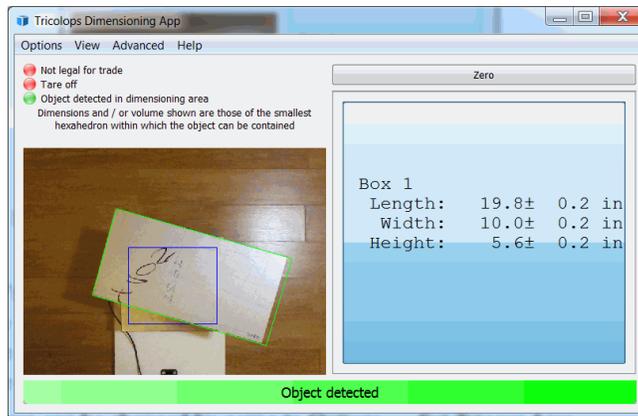


With a scale: set the trigger area to be slightly inside the top surface of the scale (left image).
 Without a scale: set the trigger area to be slightly inside the white baseboard (right image).

Alternatively, the trigger area can be changed by going to Options → Set Trigger Area.

Test Setup

Test setup is successful by placing an object within the trigger area.



To dimension an object:

- Place object on the scale / baseboard in any orientation / position
- The object must be completely within the camera's field of view
- The object must be partially within the blue trigger area

Test Data Entry

If hotkey integration is enabled, test hotkey integration is working:

Open shipping software such as UPS WorldShip, BlueJay, or web based shipping software. Click on the Length field in the shipping software and press the hotkey (typically set to F1). The dimensions should be entered automatically.

Tricolops can help you setup the software and hotkey integration free of charge, simply contact us at support@tricolopstechnology.ca to get started.

Integration with Scale

To use the Tricolops dimensioner with a scale, place the scale directly underneath the dimensioner.



Connect the scale's USB to the computer.

Go to Advanced → Scales and select the appropriate scale model and click Connect. If connection is successful, place a package on the scale, the weight reading should show up on the floating status window on the bottom right corner.

To enter dimensions along with weight using the hotkey, consult the Tricolops Dimensioning Application Integration Manual or contact support@tricolopstechnology.ca.