

WALZ AXW-20LP WHEEL WEIGHERS

ALWAYS ON THE MOVE!

Light and easy to carry

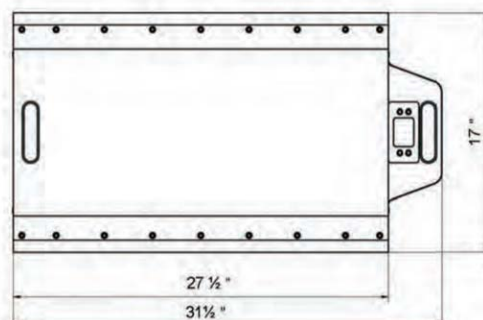
- Water-resistant
- Light aluminum alloy
- Multiple seal protection
- Wide weighing pads
- 1 year warranty



Quick Overview

Model	Each Pad Dimension (L) x (W) x (H)	Max Axle Capability	Details		
AXW-20LP	27 1/2" x 17" x 1.25"	40,000 lbs.	Load Cell: Pad is load cell, strain gauge inside.		
Advantages:	<ol style="list-style-type: none"> 1. High intension aluminum alloy raw material, light to carry. 2. Multiple seal protection for tough working environments. 3. Strain gauge based with high weighing accuracy. 4. Wide weighing pads can even carry one axle with 2 wheels. 5. Built-in overload detector with 300% overload protection. 6. Built-in anti-electromagnetic interference to make sure weighing result would be not influenced. 7. Built-in auto compensation system to compensate weighing error on double joint axle or triple joint axle. 8. 1 year warranty against defects in material. 				
Detailed Specifications					
Weighing Capacity	Wheel Weight	20,000 lbs.	Temperature Compensation Range	-10~+50°C	
	Axle Weight	40,000 lbs.	Working Temperature	-40~+80°C	
			Overload Protection	300%	
Static Accuracy	±1%	Nonlinearity	≤0.20%	Repeatability	≤0.01%FS

Outline Dimensions



AXW-30-45



Model	Each Pad Dimension (L) x (W)	Each Ramp Dimension (L) x (W)	Max Axle Capability	Details
AXW-30	31 1/2" x 17"	31 1/2" x 13 7/8"	60,000 lbs.	Load Cell: Pad is load cell, strain gauge inside. In-Motion Speed: < 3 mph
AXW-45	31 1/2" x 27 1/2"		90,000 lbs.	
Advantage:	<ol style="list-style-type: none"> 1. High intension aluminum alloy raw material, light to carry. 2. Multiple seal protection for tough working environments. 3. Strain gauge based with high weighing-in-motion accuracy. 4. Wide weighing pads can even carry one axle with 3 wheels. 5. Built-in overload detector with 300% overload protection. 6. Built-in cable protector. 7. Built-in anti-electromagnetic interference to make sure weighing result would be not influenced. 8. Built-in auto compensation system to compensate weighing error on double joint axle or triple joint axle. 9. 1 year warranty against defects in material. 			

Please Note: The dimension of pads, weighing capability and cable length are all customizable if necessary.

Detailed Specifications

Weighing Capacity	Wheel Weight 30,000/45,000 lbs.		Temperature Compensation Range	-10~+50°C	
	Axle Weight 60,000/90,000 lbs.		Sensitive Influence by Temperature	0.1%/10°C	
Static Accuracy	±1%	In-Motion Accuracy	±3.5%	Excitation Voltage	5~12V (DC)
Sensitive	1±0.2 MV/V	Nonlinearity	≤0.20%	Insulation Resistance	≥5000 MΩ (100VDC)
Repeatability	≤0.01%FS	Zero Output	4~10%	Working Temperature	-40~+80°C
Input Impedance	3120±40Ω	Output Impedance	2800±10Ω	Overload Protection	300%

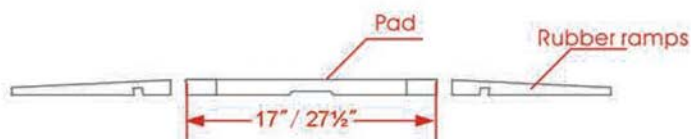


Transport Case

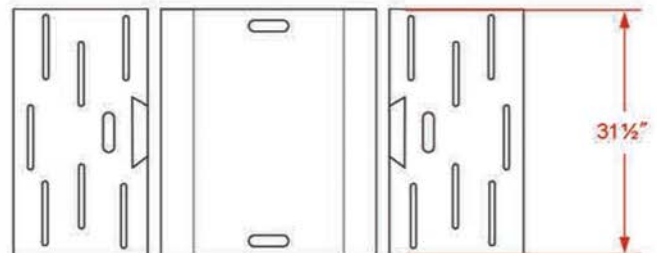


Transport Crate

Outline Dimensions (mm)

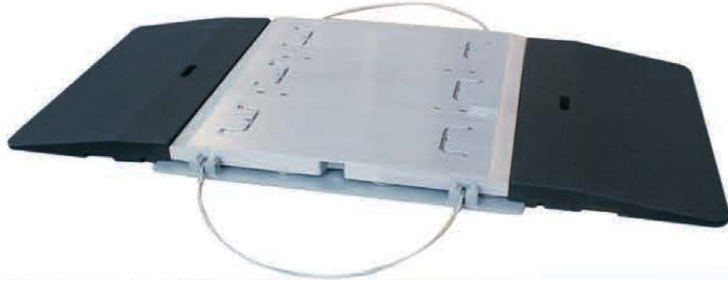


AXW-30



AXW-45

AXW-110



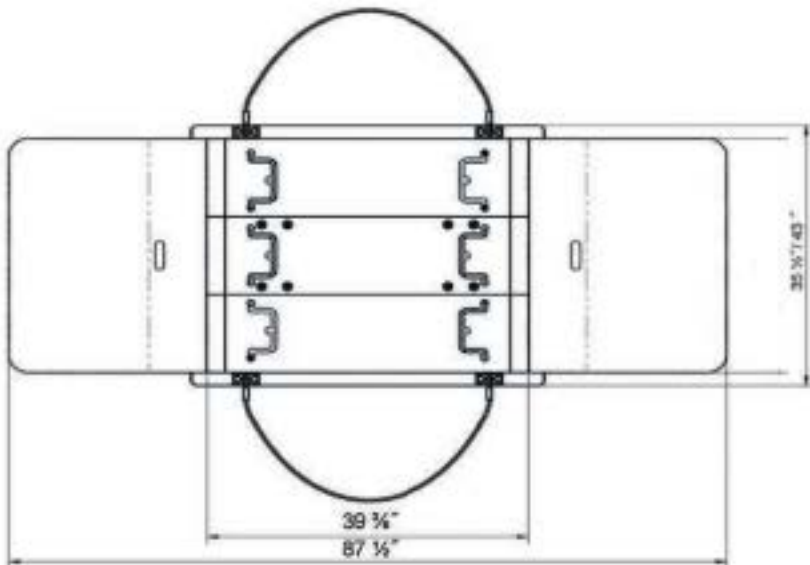
Model	Each Pad Dimension (L) x (W)	Each Ramp Dimension (L) x (W)	Max Axle Capability	Details
AXW-110	39 3/8" x 39 3/8"	31 1/2" x 13 7/8"	220,000 lbs.	Load Cell
Advantage:	<ol style="list-style-type: none"> 1. High intension aluminum alloy raw material, light to carry. 2. Multiple seal protection for tough working environments. 3. Strain gauge based with high weighing-in-motion accuracy. 4. Wide weighing pads can even carry one axle with 3 wheels. 5. Built-in overload detector with 300% overload protection. 6. Built-in cable protector. 7. Built-in anti-electromagnetic interference to make sure weighing result would be not influenced. 8. Built-in auto compensation system to compensate weighing error on double joint axle or triple joint axle. 9. 1 year warranty against defects in material. 			

Please Note: The dimension of pads, weighing capability and cable length are all customizable if necessary.

Detailed Specifications

Weighing Capacity	Wheel Weight 110,000 lbs.		Temperature Compensation Range	-10~+50°C	
	Axle Weight 220,000 lbs.		Sensitive Influence by Temperature	0.1%/10°C	
Static Accuracy	±1%	In-Motion Accuracy	±3%	Zero Temperature Influence	0.1%/10°C
Sensitive	1±0.2 MV/V	Nonlinearity	≤0.20%	Excitation Voltage	5~12V (DC)
Repeatability	≤0.01%FS	Zero Output	4~10%	Insulation Resistance	≥5000 MΩ (100VDC)
Input Impedance	300±40Ω	Output Impedance	300±40Ω	Working Temperature	-40~+80°C
				Overload Protection	300%

Outline Dimensions (mm)



Transport Crate

AXWI Indicator



STATIC WEIGHING & IN-MOTION WEIGHING

Model	AXWI
Details	<ul style="list-style-type: none"> * For both Static Weighing and In-Motion Weighing * High-definition touch screen * With high speed thermal printer * Standby working 40 hour battery with auto switch off function * Records stored * Running on Windows CE 6.0 system with good compatibility * 2 channels system as default * 4 / 6 / 8 channels system are optional * RS232, USB 2.0 as default for Wireless edition USB 2.0 & WiFi as default. Bluetooth & USB 3.0 are optional * 98.40 ft/30 meters working distance for wireless version * Each wheel weight * Each axle weight * Total truck weight * Excel text or Database file output * 4 Cores ARM CPU, 2GB memory with 4GB hard disk. (Higher level is optional.) * SMS message, iOS application, Android applications are optional. * 7" screen as default. 10" or 13" screens are optional.

- 1 Connections**
It can connect up to 6 weighing pads (wired version)
- 16 weighing pads (wireless version)
- 2 Main Board**
Running on Windows CE 6.0 system with good compatibility.
4 Cores ARM CPU, 2GB memory with 4GB hard disk.
- 3 Display**
The indicator comes as a high-definition Touch Screen.
7" screen as default.
- 4 Indicator Shell**
Indicator shell adopts with military grade material,
compression resistance, damp-proof by sealing.
- 5 Printer**
Indicator is built-in a high speed thermal printer. Printer
receipts with 100mm/sec and 202 DPI resolution.
- 6 Interface**
Hook up to a PC or a remote display through the RS232,
USB 2.0 serial interface port.
- 7 Tool Box**
Mouse, printer paper, etc and be stored in here.
- 8 Interface connector**
Interface connectors use Germany Phoenix (electrical
interface is silver plated).

Attention:

- 1** Two portable weighing pads must be on the same line.
- 2** The longitudinal level must be up to 1.5 - 2 times the distance of vehicle length.
- 3** There must be no turning action within 32.80 ft/10 meters away from the weighing pads.
- 4** There must be no accelerating or breaking action when vehicle goes on to or gets down from the pads.
- 5** The weighing pads must be placed on pavement with a flat and hard clean surface.

