

WALZ AXW-20 WHEEL WEIGHERS

ALWAYS ON THE MOVE!

Light and easy to carry

- Waterproof
- Light aluminum alloy
- Multiple seal protection
- Wide weighing pads
- 2 year warranty



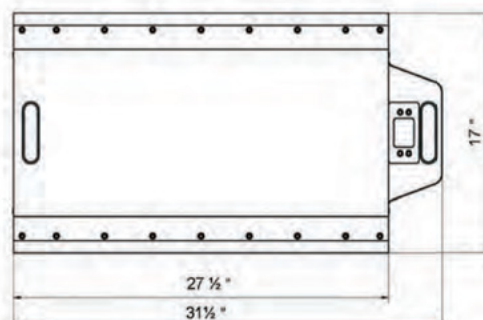
Quick Overview

Model	Each Pad Dimension (L) x (W)	Each Ramp Dimension (L) x (W)	Max Axle Capability	Details
AXW-20	27 1/2" x 17"	27 1/2" x 13 7/8"	40,000 lbs.	Load Cell: Pad is load cell, strain gauge inside.
Advantage:	<ol style="list-style-type: none"> 1. High intension aluminum alloy raw material, light to carry. 2. Waterproof. IP68 protection 3. Multiple seal protection for tough working environments. 4. Strain gauge based with high weighing-in-motion accuracy. 5. Wide weighing pads can even carry one axle with 3 wheels. 6. Built-in overload detector with 300% overload protection. 7. Built-in cable protector. 8. Built-in anti-electromagnetic interference to make sure weighing result would be not influenced. 9. Built-in auto compensation system to compensata weighing error on double joint axle or triple joint axle. 10. 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	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"		100,000 lbs.	
Advantage:	<ol style="list-style-type: none"> 1. High intensity aluminum alloy raw material, light to carry. 2. Waterproof. IP68 protection. 3. Multiple seal protection for tough working environments. 4. Strain gauge based with high weighing-in-motion accuracy. 5. Wide weighing pads can even carry one axle with 3 wheels. 6. Built-in overload detector with 300% overload protection. 7. Built-in cable protector. 8. Built-in anti-electromagnetic interference to make sure weighing result would be not influenced. 9. Built-in auto compensation system to compensate weighing error on double joint axle or triple joint axle. 10. 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 30,000/50,000 lbs.		Temperature Compensation Range	-10~+50°C	
	Axle Weight 60,000/100,000 lbs.		Sensitive Influence by Temperature	0.1%/10°C	
Static Accuracy	±1%	In-Motion Accuracy	±3.5%	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	3120±40Ω	Output Impedance	2800±10Ω	Working Temperature	-40~+80°C
				Overload Protection	300%

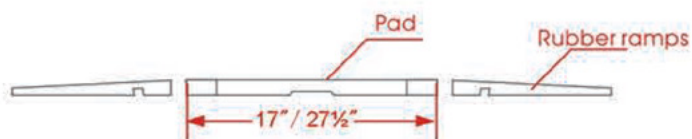


Transport Case

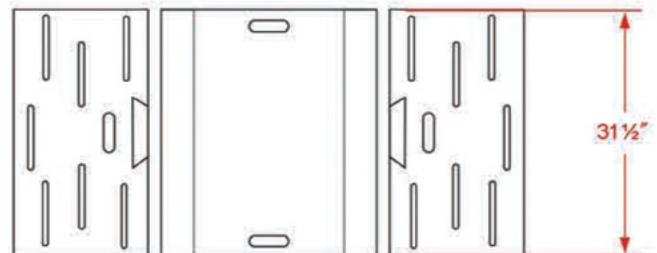


Transport Crate

Outline Dimensions (mm)



AXW-30



AXW-45

AXW-95/110



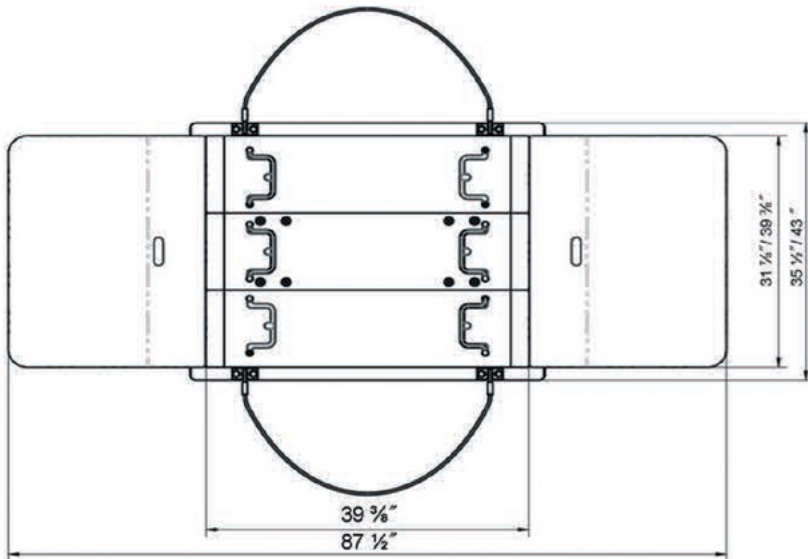
Model	Each Pad Dimension (L) x (W)	Each Ramp Dimension (L) x (W)	Max Axle Capability	Details
AXW-95	31 7/8" x 39 3/8"	31 1/2" x 13 7/8"	220,000 lbs.	Load Cell
AXW-110	39 3/8" x 39 3/8"			
Advantage:	<ol style="list-style-type: none"> 1. High intensity aluminum alloy raw material, light to carry. 2. Waterproof. IP68 protection. 3. Multiple seal protection for tough working environments. 4. Strain gauge based with high weighing-in-motion accuracy. 5. Wide weighing pads can even carry one axle with 3 wheels. 6. Built-in overload detector with 300% overload protection. 7. Built-in cable protector. 8. Built-in anti-electromagnetic interference to make sure weighing result would be not influenced. 9. Built-in auto compensation system to compensate weighing error on double joint axle or triple joint axle. 10. 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	
			Zero Temperature Influence	0.1%/10°C	
Static Accuracy	±1%	In-Motion Accuracy	±3%	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	300±40Ω	Output Impedance	300±40Ω	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 8 weighing pads (wireless version) - 16 weighing pads (wired 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.

