



**We make  
highways  
talk™**

- **MANAGEMENT**
- **SAFETY**
- **PRESERVATION**

*International Road Dynamics Inc. develops and maintains traffic management products and systems technology that make highways talk. What are they saying? They are providing information that roadway administrators need to manage traffic, preserve infrastructure and provide safety warnings to drivers.*

*IRD's multi-discipline, innovative and customer-focused team is expert in advanced technologies, advanced traffic solutions and custom-designed systems.*



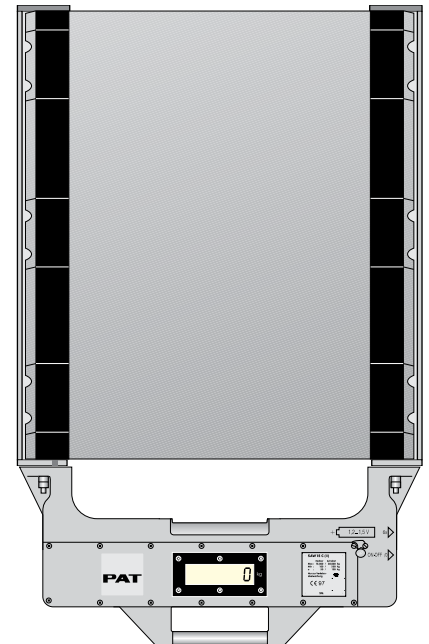
**CUSTOMER  
DRIVEN™**

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## SAW Series II Portable Wheel Load Weighers

### FEATURES

- Low profile for easy access
- Lightweight yet rugged design for long service life
- No damage by air inflated tires at any point of passage
- High specific load of sensor for solid tire weighing
- Hermetically sealed strain gauges
- Corrosion resistant materials
- Large LC display, backlit



### APPLICATIONS AND BENEFITS

- Weighing and load control of trucks and transport vehicles in road transport, construction, agriculture, forestry and waste disposal
- For general cargo, excavated material, farm produce, logs, refuse
- Check weighing for law enforcement
- In vehicle design and production for determination of wheel and axle load distribution
- For stability tests on special vehicles such as fork lift trucks, also for measurement of outrigger loads on access platforms and smaller cranes
- EC Approved - OIML and CE certificates of conformity

# SAW Series II Wheel Load Weighers

## Technical Data

### SPECIFICATIONS

Model	SAW 1A/II	SAW 2A/II	SAW 6A/II	SAW 10A/II	SAW 10A/II Steel	SAW 10C/II Aluminum	SAW 10C/II Steel	SAW 15C/II
Weighing Range (t)	1	2	6	10	10	10	10	15
Weighing Surface (mm)	400 x 382	400 x 382	400 x 382	400 x 382	400 x 382	560 x 382	560 x 382	560 x 382
Dimensions LxWxH (mm)	650 x 508 x 35	650 x 508 x 35	720 x 518 x 35	720 x 518 x 40	720 x 508 x 35	805 x 518 x 39	805 x 508 x 33	805 x 518 x 39
Weight (kg)	17.5	17.5	17.8	17.2	18.2	21.5	22.8	21.5
Scale Division (kg) [official approval]	2	5	10	20	20	50	50	50
Minimum Load (kg)	20	50	100	200	200	500	500	500
Accuracy up to 50 d (kg)	±1	±2.5	±5	±10	±10	±25	±25	±25
up to 200 d (kg)	±2	±5	±10	±20	±20	±50	±50	±50
above (kg)	±3	±7.5	±15	±30	±30	-	-	±75
Certified Temperature Range (C°)	-20/+40 (-4/104 °F)	-20/+40 (-4/104 °F)	-20/+40 (-4/104 °F)	-20/+40 (-4/104 °F)	-20/+40 (-4/104 °F)	-20/+40 (-4/104 °F)	-20/+40 (-4/104 °F)	-20/+40 (-4/104 °F)
Power Supply NC accumulators 1.2V	6 Rechargeable Batteries	6 Rechargeable Batteries	6 Rechargeable Batteries	6 Rechargeable Batteries	6 Rechargeable Batteries	6 Rechargeable Batteries	6 Rechargeable Batteries	6 Rechargeable Batteries

### ACCESSORIES AND OPTIONS

- UniMUX multiplexer to connect 2 scales (of an axle) to PC with LoadGUARD software; 2 UniMUX can be cascaded to connect up to 4 scales to the PC
- Dummy plates
- Access ramps
- Heavy duty or additional base boards

### RECORDING AND PRINTING OF:

- Wheel loads
- Axle loads
- Multi axle loads
- Gross weight
- Date and time
- Weighing number
- Overload in percent or absolute
- Site and operator number



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