



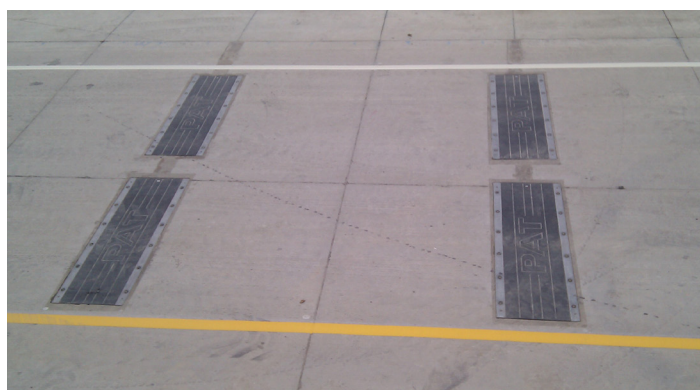
Quarterhill-PAT Bending Plate® WIM System

Quarterhill-PAT Bending Plate® scales are the ideal solution for Weigh-In-Motion systems where high accuracy, high speed, or long service life are requirements.

The Quarterhill-PAT Bending Plate® is a load cell scale system that fits the requirements for WIM applications including traffic monitoring, overload detection, toll applications and data collection for road maintenance and planning. The IRD-PAT Bending Plate® is a durable, proven technology installed worldwide.

Applications

- Traffic Monitoring
- Road Maintenance Planning
- Overload Detection/Enforcement
- WIM@Toll
- Statistics
- Bridge Protection
- Traffic Safety
- Ports & Border Crossings Security



Double-Threshold IRD-PAT Bending Plate™ WIM Scales

Features

- ASTM Type I and Type III
- Speed 0-200 kph (0-125 mph)
- Durable, Reliable, Accurate, Low Profile
- Hermetically Sealed Steel Plate



Truck passing through a Virtual Weigh Station using IRD-PAT Bending Plate™ WIM Scales (Single threshold weighing)



AACT – Advanced Axle Classification for Toll

Specifications

WP 1250		WP 1550	
Weight	81 kg (178 lb)	Weight	100 kg (220 lb)
Sensor Dimensions	507 x 1250 mm (20 x 49 in)	Sensor Dimensions	507 x 1550 mm (20 x 61 in)
Nominal Capacity	10,000 kg (22,000 lb)	Nominal Capacity	10,000 kg (22,000 lb)
Overload Capacity	15,000 kg (33,100 lb)	Overload Capacity	15,000 kg (33,100 lb)
WP 1750		WP 1950 (Special Order)	
Weight	114 kg (251 lb)	Weight	127 kg (279 lb)
Sensor Dimensions	507 x 1750 mm (20 x 69 in)	Sensor Dimensions	507 x 1950 mm (20 x 77 in)
Nominal Capacity	10,000 kg (22,000 lb)	Nominal Capacity	10,000 kg (22,000 lb)
Overload Capacity	15,000 kg (33,100 lb)	Overload Capacity	15,000 kg (33,100 lb)
WP 1750 15T (Special Order)		WP 1950 15T (Special Order)	
Weight	131 kg (288 lb)	Weight	146 kg (325 lb)
Sensor Dimensions	507 x 1750 mm (20 x 69 in)	Sensor Dimensions	507 x 1950 mm (20 x 77 in)
Nominal Capacity	15,000 kg (33,100 lb)	Nominal Capacity	15,000 kg (33,100 lb)
Overload Capacity	22,500 kg (49,500 lb)	Overload Capacity	22,500 kg (49,500 lb)

