



## **WIM Platform Scales**

Screening for Enforcement & Data Collection



**MEDIUM-SPEED WIM**



### **Low Profile Platform Scales offer Maximum Accuracy for High Volume Screening**

**WIM Platform Scale** solutions consist of load cell based strain gauge scale technology installed at ramps and mainline exits for screening purposes. This technology is superior because strain gauges provide *extremely fast reaction & sampling rates* needed for accurate dynamic weighing, while temperature compensation ensures consistency in harsh environments. The overall depth is less than 4" (100mm) minimizing civil work and improving ease of maintenance. The technology and low profile design provide unsurpassed performance, reliability and longevity resulting in an excellent return on investment.

WIM Platform Scales offer an accurate and robust screening mechanism at ramps and weigh station entries. Cameras, variable messaging and in-cab devices are capable of working in tandem with WIM Platform Scales to allow vehicles within acceptable tolerances to bypass weigh stations, thereby *reducing the cost on operators* and enabling enforcement to focus efforts on the most probable offenders.



### **WIM Platform Scales**

Meets or Exceeds ASTM E1318-09  
Type IV and COST 323 B+(7) or B(10)  
performance requirements

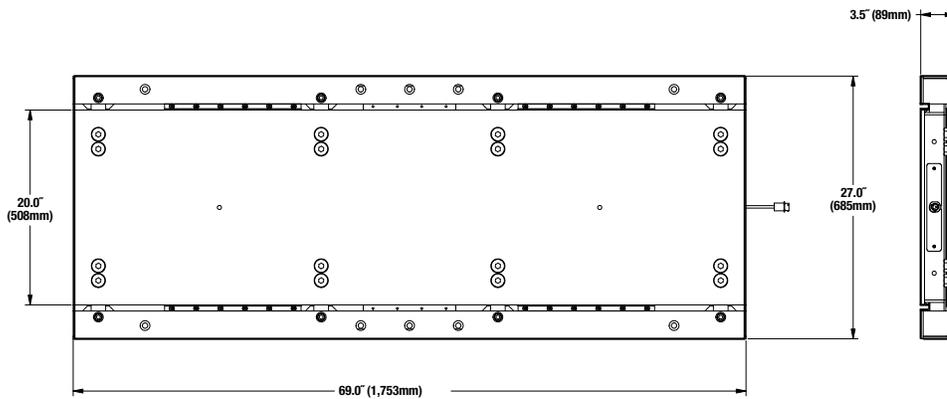
**ASTM & COST Compliance**  
Reference Table Pg 2

Ideal for Ramp Speed  
WIM Applications



### WIM Platform Scales

Intercomp's WIM Platform Scales use stainless steel hermetically sealed strain gauge load cells and are capable of meeting or exceeding ASTM E1318-09 Type IV and COST 323 B+(7) or B(10) performance requirements. The scales are installed flush with the pavement and designed to reject noise & vibration for superior accuracy. Their robust construction provides the greatest longevity for Ramp Speed dynamic weighing.



#### Specifications

Capacity	45,000lb (20,000 kg)*
Dimensions	20' x 69' (508mm x 1,753mm)
Vehicle Speed Range	0mph to 60mph (0km/hr to 96km/hr)
Operating Temperature Range	-40° to 140°F (-28° to 65°C)
Cable Type	6 conductor cable with shield, ± excitation, ± signal, ± sense
Cable Length	50' (15m) — Custom lengths available per customer request
Recommended Excitation	5-10V
IP Rating	IP68

\*Higher Capacities are available

#### Intercomp ASTM and COST Compliance

Description	ASTM 1318 Type IV		COST 323 B+(7)	COST 323 B(10)
	Value ≥ lb (kg)	±lb (kg)		
Gross-Vehicle Weight	60,000 (27,200)	2,500 (1,100)	7%	10%
Axle-Group Load	25,000 (11,300)	1,200 (500)	10%	13%
Single Axle	12,000 (5,400)	500 (200)	11%	15%

\*NOTE: System accuracy is dependent upon installation and site construction in accordance with Intercomp methods and site requirements.

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Specifications subject to change without notice.



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