

Standard Static Configuration	
Rail type	115 lb AREA (consult factory for others sizes)
Rail length	70"(1.78 m)
Active weighing length per section	8"(20 cm)
Mounting	Direct to existing ties and ballast
Type of weighing	Two draft or full draft
Number of Weighline sections	Two draft - four, Full draft - eight
Maximum axle load	80,000 lb(40,000 kg)
Maximum car weight	320,000 lb(160,000 kg)
Scale division size	100 lb (50 kg), switchable to 20 lb (10 kg) for calibration
Full draft	+0.25% or + 200 lb (100 kg), whichever is greater
Two draft	+ 0.4 %or + 300 lb (150 kg), whichever is greater
Instrumentation	Avery Weigh-Tronix Model 1310 Indicator with weighline program
Operating temperature range	-20oF to 120oF (-28oC to 49oC)
Temperature compensation	span and zero
Weight	230 lb (105 kg) per rail assembly

	Speed	Accuracy	Rail Sections	Instrumentation	Wheel Detectors
In-Motion Low-Speed Systems	Maximum 5mph (8 km/h)	0.5% or +400 lb, whichever is greater	Four	Model 1310 Indicator/Controller up to 1 mph. MS 3000 Controller up to 5 mph	Two, non-contacting proximity switches

In-Motion Medium & High-Speed Systems	
Multiple Weighline sections welded into position.	
Speeds	Up to 35 mph (56 km/h)
Instrumentation	High speed, full feature, in-motion controller
Consultancy for specific applications	