

Ton-Tel™ Tandem Weighbridge

Portable, sits on the Surface

**Griffith
Elder**



The Ton-Tel™ Tandem Weighbridge has been designed to meet the needs of Law Enforcement agencies and other organisations where portability is of prime importance. The platform accommodates a tandem axle so that a wide range of vehicles can be weighed correctly even though the platform sits on the surface.

Automatic weighing

Weighing a vehicle is a very fast operation. As a weight is detected on the platform the electronics waits for it to become steady and then catches the weight into memory. A light is available which comes then goes off when the weight has been captured so that the driver knows when to move to the next set of wheels. Each set of wheel is weighed and automatically gets put into memory without the operator doing anything. When the platform does not feel another weight coming onto it within 15 seconds it automatically adds the weights together and prints out the ticket showing ticket number, date, time, weight of each part and total weight of the vehicle.

The platform can be lifted with a forklift or from a small crane from the lifting eyes which are built into the side rails and it sits easily on a trailer or flat bed truck for transporting to the next site. The Ton-Tel™ Tandem weighbridge is so portable that it does not need a prepared site, it is simply placed on a hard level roadway and it is ready to use. The end ramps are built in to the platform so there are no pieces which need to be put together before use.

A cable from the terminal is plugged into the platform and connected to a 12 volt power source and the weigher is ready for use. A normal car or lorry battery will run the weighbridge for many hours, or if mains electricity is available a mains adaptor can be used.

Weight Sensors

The weight sensors are designed to be robust and durable, particularly when being constantly moved. They incorporate the latest WeighTel™ digital technology and are factory calibrated for maximum accuracy. Each weight sensor is manufactured from carbon steel and is fully waterproof to IP68 standard.

The Ton-Tel™ Tandem can take a vehicle of up to 100 tonnes gross weight as long as any one set of axles is less than the maximum capacity of the platform of 30 tonnes.

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Waterproof Indicator and Printer

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The indicator and printer are built into a tough waterproof suitcase housing for ease of carrying between locations. When the lid is closed the printer is completely waterproof which makes it very suitable for locations with no site hut.

The whole weighbridge operates from 12 volts dc and so can be run from a car battery. Hence no mains power is needed which gives maximum flexibility for using the weighbridge in remote locations.

Wiring to the sensors is all plug-in with quick release plugs which are easily accessible.

General Specifications

Weight Sensors	Welded and protected against ingress of water, fertilizer, petroleum products, and mild attacks of acid mists. Sealed to IP68. Size 12,000 kg each.
Printer	Two part paper roll shows number, date, time, part weights, gross weight.
Platform	Painted in marine weatherproof paints.
Temperature range:	minus 20 degrees C to plus 65 degrees C.
Humidity range:	Weighbridge: 10 to 100 percent RH Terminal: 10 to 80 % RH (100 % when closed)
Dust Ingress:	Weighbridge: 100 percent protection Terminal: 100 percent protection when closed
Electronics:	Microprocessor weigh controller sealed to IP68.
Power required	12 volts DC; Or 110/220 volts AC with adaptor.
Warranty	18 months on all parts from date of shipment.

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