

FORCE 1

The World's Toughest WIM Axle Weigher

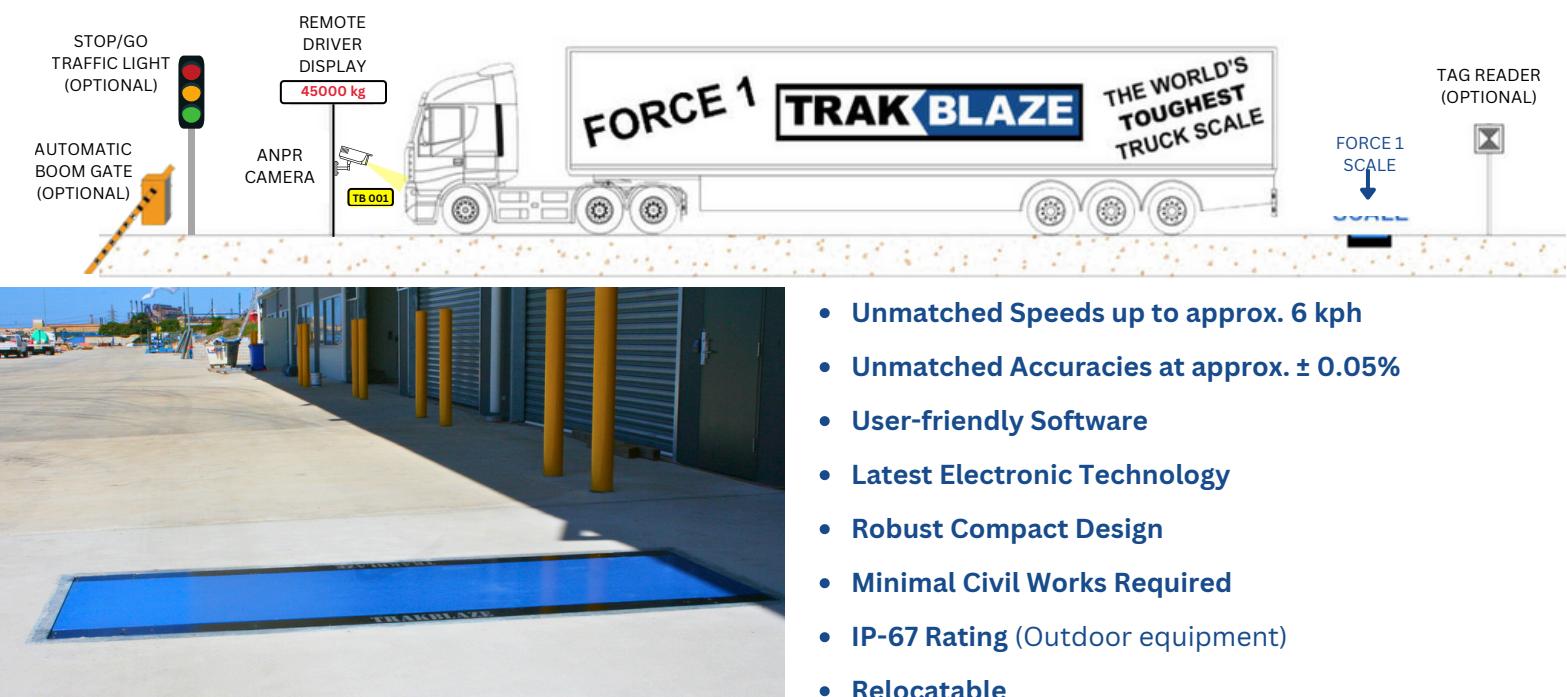
Weigh a Truck In-Motion in 15 Seconds or Less!



Save Time & Money With FORCE 1

The **FORCE 1 Weigh In-Motion (WIM)** truck axle weighing system provides weights on the go and eliminates the need for traditional weighbridges that take up valuable yard space. The unbeatable FORCE 1 available in both static and in-motion models is built to withstand the world's toughest transport conditions while delivering exceptional accuracy. Maximise productivity and profitability by ensuring precise, consistent load measurements while mitigating maintenance risks from overloading. Even if a truck's total weight is within limits, its axles may still be overloaded, the FORCE 1 can detect this issue.

Furthermore, installation requires significantly less civil work and can be completed in approximately one day. We are currently replacing traditional weighbridges with our FORCE 1 system for ADANI (Indonesia). This system can also be integrated with our volumetric scanners, which provide cubic measurements and density of loads, making it especially useful in wet conditions.



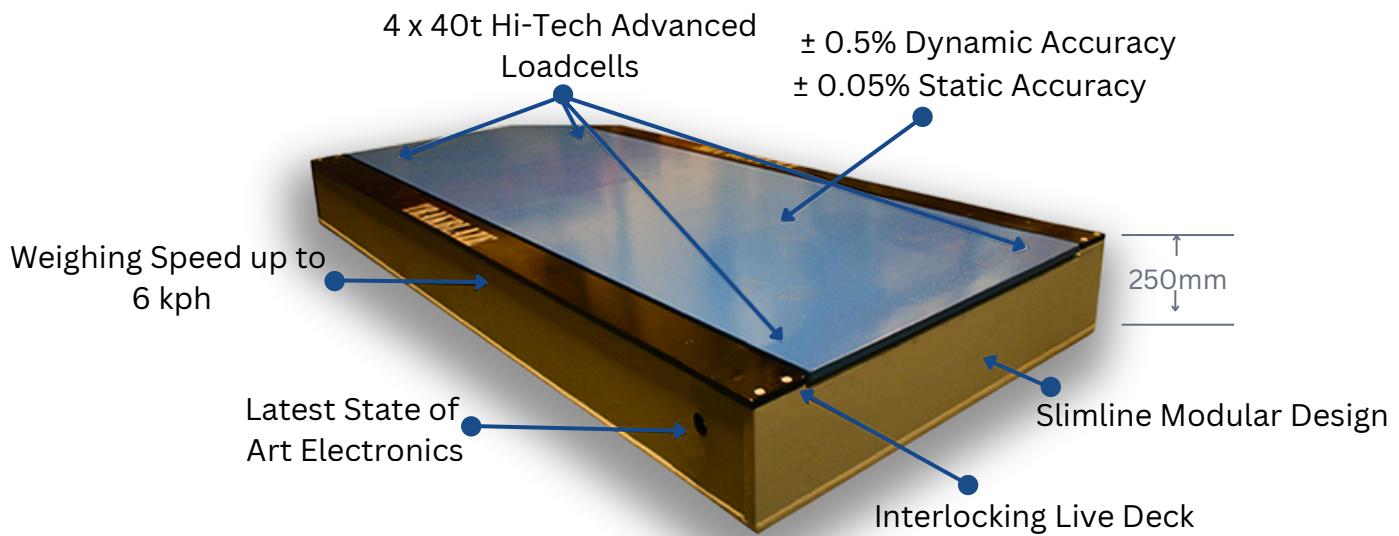
NOTE: These are the same electronics & software used in our high speed trade approved train weighing systems, hence the FORCE™ 1's unmatched speed & accuracy.

FORCE 1 Site Installation in South Australia:

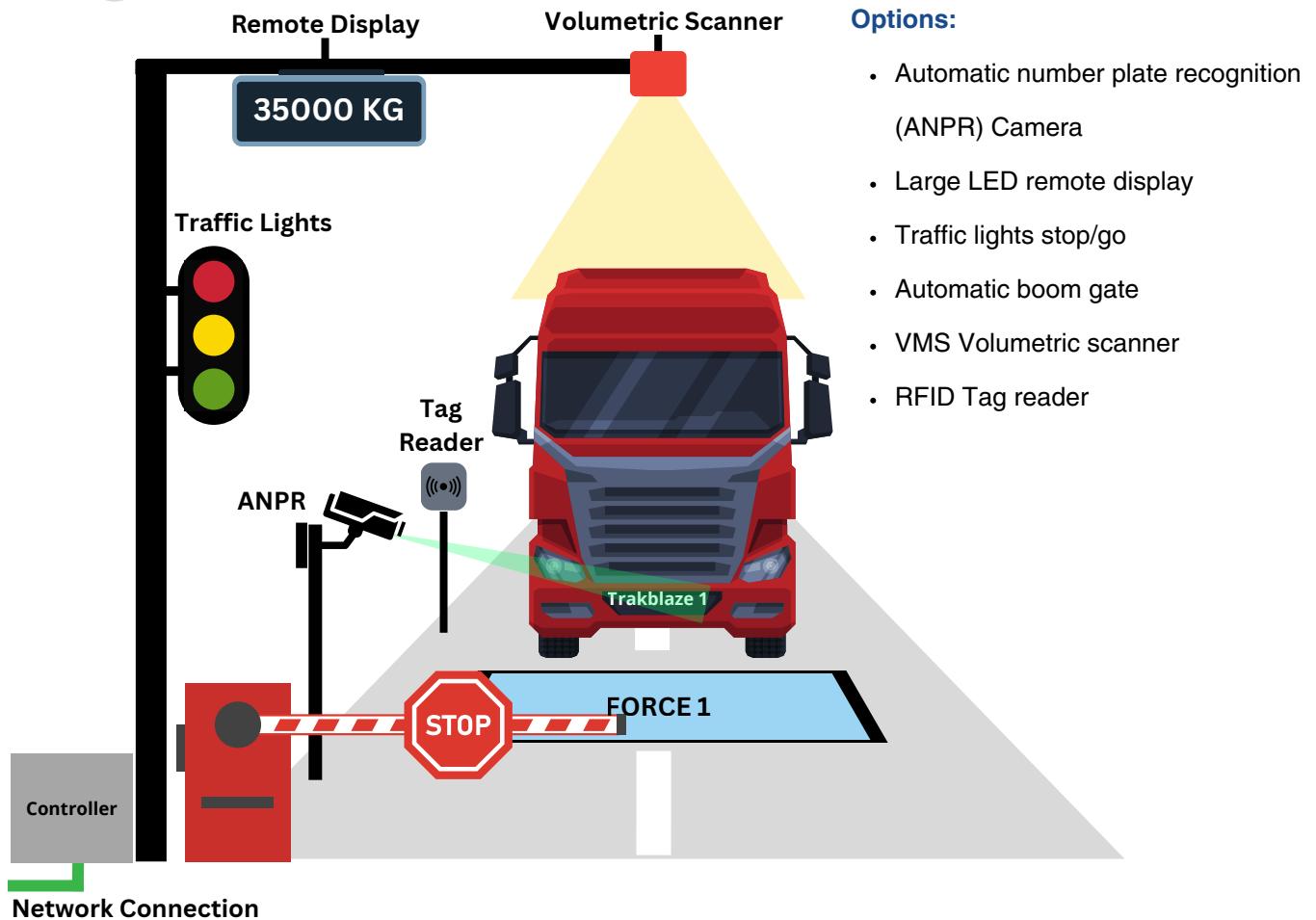
The FORCE 1 system, installed in South Australia, is used to weighed a 200-tonne centipede road train measuring 64.5 metres in length with 110 wheels (27 axles) in-motion at a speed of 6 km/h with $\pm 0.5\%$ dynamic accuracy, showcasing FORCE 1's unmatched performance and reliability even in the harshest conditions.



FORCE 1 HD Weighing Pad: 3060 mm(L) x 1160 mm(W) x 250 mm(H)



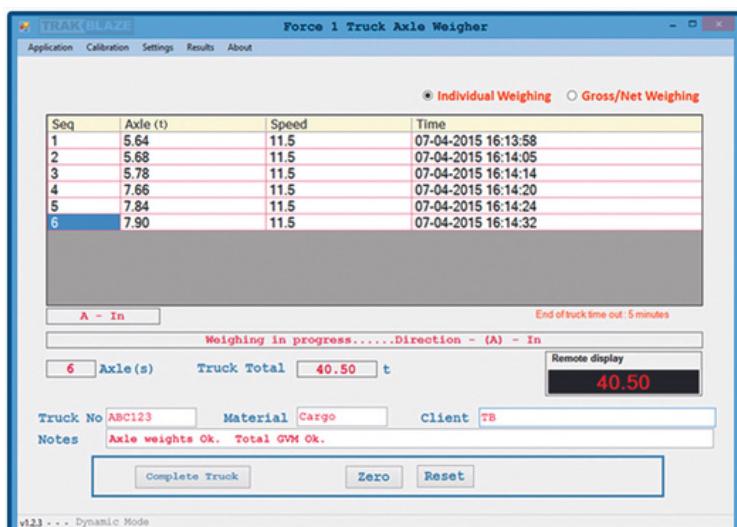
System Overview & High-Level Design



Static/Dynamic Controller - PC Software

The **FORCE 1** Transport system features a Trakblaze Static/Dynamic Controller with direct ethernet capabilities interfaced to your workplace PC or laptop

The PC comes complete with Trakblaze's user-friendly proven and reliable software. The total truck weight is then derived from the summation of the individual axle loads and displayed on the PC interface and external remote LED display whilst also printed out for log books or archiving.



For dusty or challenging environments the **FORCE 1** controller can be upgraded to a rack/wall mounted Rittal enclosure turnkey.

Whatever your workplace or challenging environment is, the **FORCE 1** system and Trakblaze have the bespoke solutions to ensure your loads are weighed with unbeatable speed, reliability and accuracy.

Available Options:

Ghana, Africa



FORCE 1 with the traffic lights stop/go and our TVS truck volumetric scanner



FORCE 1 HD Weighing Platform



Remote LED Display & Tag Reader

Christchurch, New Zealand



FORCE 1 Weighing Platform



Automatic Number Plate Recognition (ANPR) Camera



Remote LED Display

TECHNICAL DATA

Capacity:	Up to 50t Axle
Dimensions:	3060mm(W) x 1160mm(L) x 250mm(H) - Standard
Static Accuracy:	± 0.05% GVM (depending on site conditions)
Dynamic Accuracy:	± 0.5% GVM (depending on site conditions)
Voltage:	110 - 240 VAC/24 VDC
Speed:	6 km/h
Available Options:	<ul style="list-style-type: none"> • Remote LED Display/s • Automatic Number Plate Recognition (ANPR) Camera • Traffic Lights Stop/Go • Automatic Boom Gate • VMS Volumetric Scanner • RFID Tag Reader • SMS Weigh Data Notifications for Drivers

Note: Subject to change without notice. Images are for illustration purposes only. Speeds and accuracies may vary based on site conditions and vehicle operator.