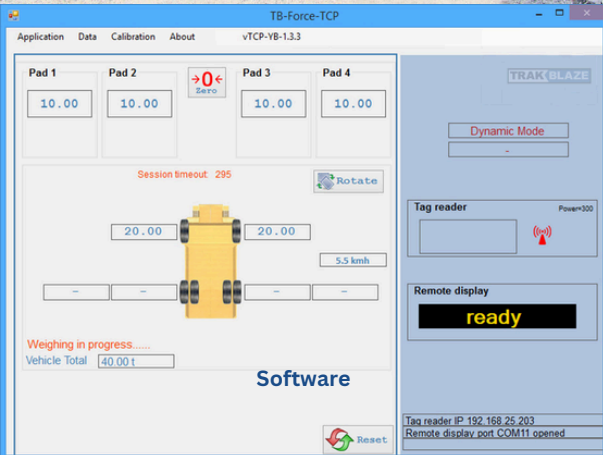


FORCE 2 & 4

Proven To Be The World's Toughest Mining Truck Scale



The FORCE range of portable and fixed mining dump truck scales represents the pinnacle of weighing technology for off-road heavy haulage applications. Designed for precision and durability, each system is built to optimise accuracy and withstand the toughest conditions.

Available in both fixed and portable configurations, FORCE consists of 2 or 4 individual weigh pads, allowing it to measure each wheel, axle group, and total dump truck weight with ease. Its modular design enables seamless configuration to accommodate any make and model of mining haul truck. Additionally, the FORCE series offers an optional feature to monitor employee travel and productivity times, enhancing operational efficiency.

Each system includes:

- ✓ A touchscreen PC controller housed in a weatherproof enclosure or
- ✓ A PC-based rack system loaded with Trakblaze's reliable, user-friendly software

The total truck weight is accurately calculated by summing individual wheel and axle loads, with results displayed in real time on the PC interface.

Experience unmatched precision, flexibility, and durability with FORCE – the trusted solution for mining haul truck weighing.



PC based controller with built-in printer in carry case

Approx. dimensions 58cm x 45cm x 28cm

Technical Data FORCE 4

Nominal Pad Size L x W x H	300cm x 200cm x 30cm
No. of Pads	4
Load Cell Type	100t - Analogue
No. of Cells per Pad	6
Individual Pad Capacity	150t
Total Axle Capacity	600t

Note: Images are for illustration purposes only. Speeds and accuracies may vary based on site conditions and vehicle operation.



FORCE being tested and calibrated at site with a portable test press unit

Technical Data FORCE 2

Nominal Pad Size L x W x H	200cm x 150cm x 25cm
No. of Pads	2
Load Cell Type	40t - Analogue
No. of Cells per Pad	4
Individual Pad Capacity	50t
Total Axle Capacity	100t or 200t

Note: Images are for illustration purposes only. Speeds and accuracies may vary based on site conditions and vehicle operation.

Load Sensors

Each hi-technology weigh pad incorporates multiple heavy duty "OIML approved" temperature compensated load cells. The strategic positioning of these sensors within the pad allows for off-center wheel loads to be measured accurately and with a safe overload sufficient to deal with the inertia and shock effects of a loaded mining truck braking on the weigh pad.

Accuracies

Accuracies of approx. ± 0.05 in static mode and $\pm 0.5\%$ in dynamic (in-motion) mode (Gross Vehicle Mass). This is achievable dependent upon the site conditions and the operator.

Calibration

Each FORCE system is factory calibrated prior to shipment. We also offer an optional in-field calibration portable test press unit, which can be used at site by local service personnel.



Weatherproof outdoor electrical cabinet



Note: These are the same electronics & software used in our high speed 80 km/h govt. trade approved train weighing systems.