

FORCE 2 & 4

Proven To Be The World's Toughest Mining Truck Scale



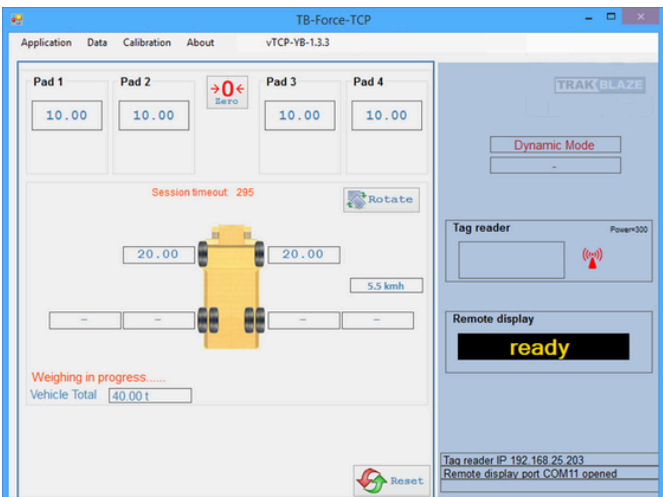
The range of **FORCE** portable and fixed mining dump truck scales are the ultimate in weighing technology for off road heavy haulage applications. Each system is designed to optimize accuracy and built to last! FORCE can be a fixed or portable mobile system made up of a combination of 2 or 4 individual weigh pads and measure the load on each wheel axle group and the total weight of a dump truck. The modern modular design enables the FORCE to be configured to weigh any make and model of mining haul truck.



FORCE 2 mining truck scale

In addition the FORCE series can even monitor your employees travel and productivity times (optional).

Features either a touch screen PC controller mounted in a weatherproof enclosure or a PC based rack system loaded with Trakblaze's proven and reliable user friendly software. The total truck weight is then derived from the summation of the individual wheel and axle loads and displayed on the PC interface.



Software



PC based controller with built-in printer in carry case
Approx. dimensions 58cm x 45cm x 28cm

FORCE 2

TECHNICAL DATA

| | |
|-------------------------------|----------------------|
| 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: Speeds & accuracies depend on site conditions & vehicle operator.

FORCE 4

TECHNICAL DATA

| | |
|-------------------------------|----------------------|
| 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 |



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

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.

Accuracy

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.



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*Over 90 years of global experience in
bespoke weighing & balancing systems*

TRAKBLAZE

MINING, RAIL, ROAD & AIRCRAFT WEIGHING SYSTEMS

