

World's Toughest Scales in the Industry!

....the unbeatable

FORCE

Mining Truck Scale



"World Breakthrough"
Robust!
Accurate!
Reliable!

- Unbeatable Weighing Speed** of up to 12kmh - no others can match
- Unbeatable Accuracy** of $\pm 0.5\%$ in-motion and $\pm 0.05\%$ static
- Portable Test Press** for on site Calibration
- Easy Parts Replacement** by Local Engineers
- High Technology Electronics** Based upon 80 Years of Experience
- Unbeatable Value**

The Trakblaze FORCE range of portable and fixed mining truck scales are the ultimate in weighing technology for off-road heavy haulage applications. Each system is designed to optimize accuracy and efficiency of use, and is built to last!



Unlike a standard full deck weighbridge, the FORCE is a portable system made up of a combination of individual weigh pads which measure the load on each wheel of a truck. The modern modular design enables the FORCE to be configured to weigh any make and model of mining truck.



- Up to 1200t gross weighing capacity
- Individual wheel & axle weights
- In-motion or static weighing modes
- 2 or 4 pad configuration
- Manned or automatic operation
- Basically service free

Rentals Available

FORCE

⚡ Unmatched Speeds & Accuracies ⚡

● **MANAGING LOADS FOR IMPROVED SAFETY AND REDUCED MAINTENANCE COSTS** ●

Load Sensors -

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



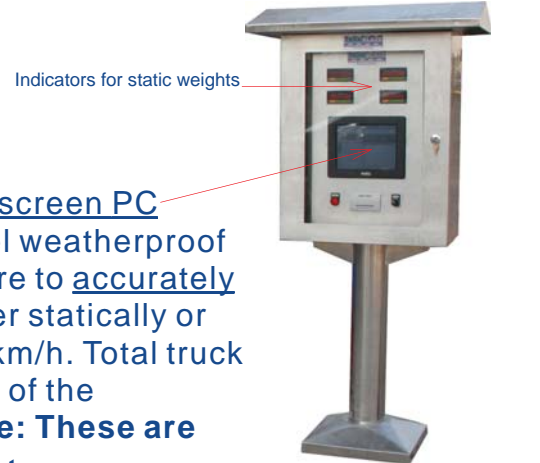
Accuracy -

Accuracies of $\pm 0.05\%$ in static mode and $\pm 0.5\%$ in dynamic - (in-motion) mode approx. are achievable dependent upon site conditions and operator.



Controller -

The FORCE system features a touch screen PC controller mounted in a stainless steel weatherproof enclosure loaded with custom software to accurately measure the load on each wheel either statically or in-motion up to a speed of approx. 12km/h. Total truck weight is derived from the summation of the individual wheel and axle loads. **(Note: These are**



Indicators for static weights

Portable controller available in carry case

the same electronics & software used in our high speed, up to 80kmh govt. trade approved train weighing systems, hence the reason we can achieve such high speeds and accuracies.)

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.



Force being tested and calibrated at site with the portable test unit

Key Features -

- User friendly
- Wheel / Axle weigher
- Self contained portable wheel pads
- In-Motion (dynamic) weighing functionality
- OIML approved temperature compensated load cells
- Tough, Robust, Reliable design

Benefits -

- Costs much less to purchase than a full length weighbridge
- Minimal cost and time required to relocate
- Makes it easier for truck driver - no spotters required
- -20°C to +60°C operating range
- Long service life & low cost of ownership

FORCE Mining Truck Scale Matrix:

Model	Nominal Pad Size L x W x H	No. of Pads	Load Cell Type	No. of Cells per Pad	Individual Pad Capacity	Total Axle Capacity
FORCE 1	1000mm x 1500mm x 220mm	2	20t analogue	4	25t	50t
FORCE 2	2000mm x 1500mm x 250mm	2 or 4	40t analogue	4	50t	100 / 200t
FORCE 3	3000mm x 2000mm x 300mm	4	50t analogue	6	100t	400t
FORCE 4	3000mm x 2000mm x 300mm	4	100t analogue	6	150t	600t

Mine train weighers and other products available

Trakblaze International

5 Sara Grove Tottenham 3012 Victoria Australia

Ph: +61 3 9318 9277 Fax: +61 3 9318 9533

Email: info@trakblaze.com Website: www.trakblaze.com



80 Years of Innovation

