



TRAKBLAZE AFRICA

TRUCK WEIGHBRIDGES



Next Generation Steel Deck Truck Weighbridges

Developed over decades, our steel deck range of weighbridges are engineered for durability and reliability in the harshest environments.

Key Features:

- Heavy-duty steel deck with anti-corrosion primer & topcoat
- Conduit-protected load cell cables
- Factory assembled & tested prior to dispatch
- Modular design enables fast installation with truck crane
- Surface-mounted or pit-mounted flexibility
- Corrosion-resistant fittings & lightning protection
- Easy access plates for efficient maintenance
- Multiple sizes & capacities available – custom options on request

WEIGHBRIDGE SIZES

Length (m)	Width (m)	Capacity	Load Cells	Approx. Weight
6	3	30T x 20kg	4	3250kg
9	3	40T x 20kg	4	4350kg
12	3	40T x 50kg	6	7500kg
18	3	60T x 50kg	8	9750kg
22	3	60/80T x 50kg	10	10500kg
24	3	60/80T x 50kg	10	11800kg
24 Multi, 3,7	3/3.2	60/80T x 50kg	16	11850kg

Advanced Instrumentation & Software

Our systems are equipped with powerful automation and connectivity options:

- Desktop indicators and/or Automated Transactional Modules
- Integrated printer & truck ID systems (RFID, Smart Card, License Plate Registration)
- Computer, keyboard, & management software included
- Optional server support for multiple weighbridges and remote access
- Real-time data transfer to secure web servers with automatic credit updates
- Single weighing mode for scrapyards & small operations
- Tally roll printing & PC internet software connectivity
- Systems can be integrated with Load Volumetric Scanning

Certified to SABS & SANAS standards with digital load cells & indicators.

Comprehensive After-Sales Support

We provide expert support to keep your weighbridge operating at peak performance:

- Skilled technicians with fast response times
- Multi-brand servicing and parts availability
- Remote diagnostics & software integration

Service Packages:

Standard: 4 visits/year, 1 full calibration, 2 mechanical services, priority breakdown support, discounted labour

Inclusive: All of Standard + breakdown labour included

All-Inclusive: All of Inclusive + spare parts at pre-set pricing

Why Choose Trakblaze Weighbridges?

- Built tough for demanding environments
- Rapid installation and deployment
- Flexible solutions for all industries
- Trusted service, support & compliance

Trakblaze Africa is a proud subsidiary of
The Millennium Group South Africa - committed to
innovation, sustainability, and engineering
excellence.

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SMART TRUCK SCALES/WEIGHBRIDGES

Enhancing Efficiency and Reliability with Trakblaze Africa



Selecting the right truck scale is a critical decision that impacts the efficiency, reliability, and profitability of your operations. At Trakblaze Africa, we specialize in delivering cutting-edge weighing solutions built for Africa's industries and environmental conditions. Choosing a truck scale involves more than price — it requires careful consideration of materials, technology, environmental risks, and features like solar integration, lightning protection, and trade metrology compliance.

Key Questions Before Purchasing

Before investing in a truck scale, businesses should consider:

- What type of truck scale fits our operational environment?
- Should it be pit-mounted or above ground?
- Which platform material suits our conditions best?
- What features will ensure uptime and lower maintenance?
- How can we protect against lightning damage?
- Does the scale meet trade metrology and legal-for-trade standards?

Answering these questions ensures lasting performance, compliance, and a strong return on investment.

Platform Surface: Steel Decks for Versatility

Steel deck truck scales offer a range of advantages, making them popular across industries. Installation is faster compared to other materials — often completed in just one day — crucial when minimizing downtime is critical.

Modern steel decks have evolved with closer-spaced, thicker I-beams and stiffeners to minimize deflection under heavy loads. Open-bottom designs allow moisture to escape, reducing corrosion risk. Steel decks, particularly when mounted above ground with ramps, offer flexibility for future relocation.

While more susceptible to moisture than concrete decks, innovations like UV-resistant powder coatings extend steel deck lifespans. With regular maintenance, steel decks deliver exceptional value and durability in harsh African environments.

Weighing Technologies: Electronic vs. Digital Truck Scales

Choosing the right technology is vital. Two main types dominate the market: analog and digital systems.

Electronic (Analog) Truck Scales

Analog truck scales use strain gauge load cells and remain widely available and cost-effective. However, they are sensitive to lightning strikes and moisture ingress, leading to higher maintenance needs and potential downtime.

Digital Truck Scales

Digital truck scales convert weight measurements inside the load cell, eliminating signal degradation and complex wiring. Digital cells link easily in a daisy-chain, simplifying installation and maintenance.

Critically, digital systems offer superior lightning protection, with transient suppression built into each load cell — ideal for Africa's often challenging conditions. At Trakblaze Africa, we recommend digital truck scales for clients prioritizing reliability, low maintenance, and long-term efficiency.

Lightning Protection, Solar Power, and Trade Metrology Compliance

Environmental risks like lightning pose a serious threat to truck scales. Large metal weighbridges in open areas act as natural lightning rods. Trakblaze Africa provides advanced lightning protection systems, shielding your investment and ensuring consistent uptime during severe weather.

Energy independence is increasingly vital, particularly for operations in remote areas. Solar-powered truck scales offer sustainable, cost-effective solutions, reducing reliance on grid power and lowering long-term energy costs.

All Trakblaze Africa truck scales are available with full Trade Metrology approvals, meeting legal-for-trade standards. This compliance ensures that weight readings are certified for commercial transactions, critical for industries where legal certification matters.

Partnering with Trakblaze Africa

Truck scales are a long-term investment. Choosing the right equipment and the right partner ensures maximum return. At Trakblaze Africa, we deliver tailored weighing solutions backed by decades of experience. We offer not only premium truck scales but full technical support, legal compliance guidance, professional installation, and after-sales maintenance services. Whether your business operates in mining, agriculture, transport logistics, or manufacturing, Trakblaze Africa provides the technology and support needed to optimize your operations. Our truck scales are built for Africa's toughest environments — offering reliability, accuracy, and durability where it matters most.

Contact Trakblaze Africa today for more information or to schedule a free consultation.

Let's build a stronger, smarter foundation for your business success.



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