



scalestech

— Securing your profits! —

ELECTRONIC WEIGHBRIDGE SOLUTIONS

40 t • 60/80 t • 100 t

12 m × 3 m | 18 m × 3 m | 22 m × 3 m

Scalestech electronic weighbridge solution for commercial and industrial truck weighing.



Modular



Accurate



Automation-ready



Locally supported

One Weighbridge Platform Family — Three Size Options

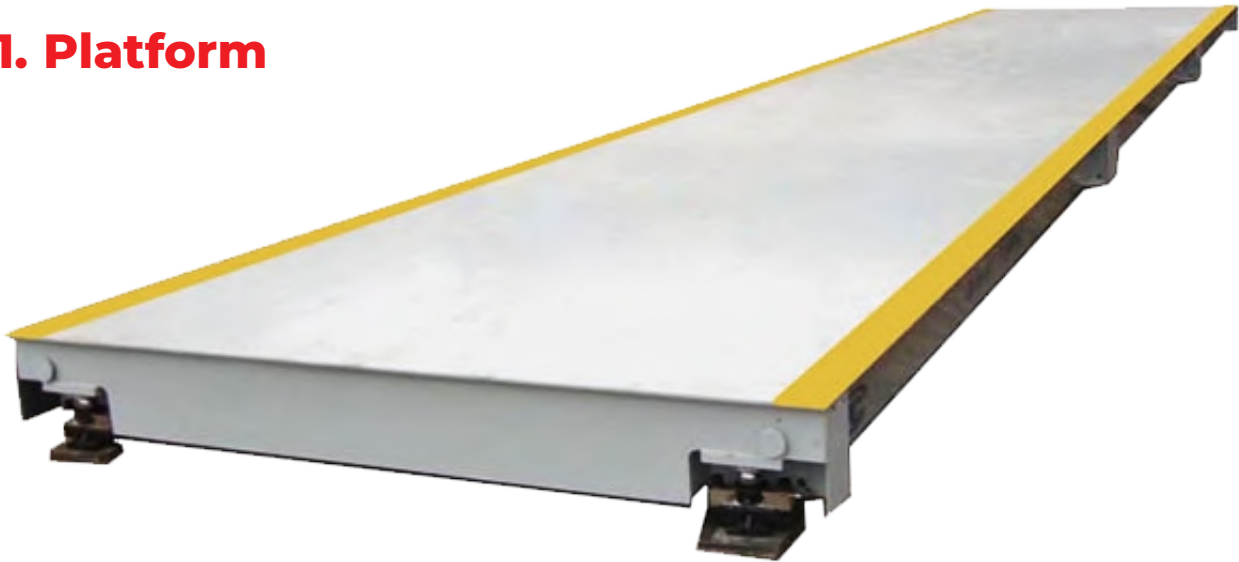
Scalestech offers one common electronic weighbridge architecture in three principal platform lengths.

The key selection variables are platform length, rated capacity and number of load cells; the remaining electronic instrumentation, software and automation options are substantially common across the range.

Model	Platform Size	Capacity Options	Load Cells	Best Fit
Compact	12 m x 3m	40T	6 pcs	<i>Rigid trucks, agricultural vehicles, medium commercial fleets and space-conscious sites</i>
Standard/ Heavy Duty	18 m x 3m	60T or 80T	8 pcs	<i>Articulated trucks, logistics, manufacturing, cement, quarry and bulk transport</i>
Extended Heavy Duty	22 m x 3m	100T	10 pcs	<i>Long combinations, mining, heavy haulage, bulk terminals and high-capacity industrial traffic</i>

Common Electronic & Mechanical Specification

1. Platform



Specification

Structure: Standard U shape beam 300mm height, 6pcs U beam.

Steel: High-quality carbon steel Q235B, purchased from top quality supplier, which are in good quality and new.

Top plate: 8mm checker plate

Painting: Anti rust and anti-corrosion painting, Acrylic Polyurethane Paint, come with shot blasting (steel shot), airless spray. Automatic painting line make sure the painting are in good quality, use with famous brand Carpoly paint to work on.

Welding: make sure the welding slope height in the same, uniformity and continuity of the welding line, make sure the welding slope full and even.

Shot blasting: reach the standard SA2.5.



Install under the ground



Install above the ground

2. Load Cells



MODEL: ZEMIC/KELI

Working temp range: -35°C - +70°C

Capacity 30 Tonnes

Accuracy class - C3

Safe overload: 150%F.S

Ultimate overload: 300%F.S

Hermetically sealed

Protection Class is IP68

Material: alloy steel

3. Weight Indicator



MODEL: KELI D2008H

Operating temperature: 0°C - 40°C

Relative humidity: ≤85%RH

Power supply: 220V 50Hz

Transmission mode: RS485 for digital load cell

Baud rate: 9600/19200

Weighing record storage / check / delete / power-off protection

Sound Alert when over weight limit

Data storage: 1000 group weighing records

Display mode: 7 bits, 0.8inch LED digital tube.

4. Printer



LX350 +

Reliability and effectiveness with dependability

Tackles high volume, multipart print jobs with ease

Efficient document handling

Easy to access top, bottom and rear paper paths

Prints up to 5-part forms (1 original + 4 copies)

Easy to access top, bottom and rear paper paths

Prints up to 5-part forms (1 original + 4 copies)

Easy and versatile operation

5. Junction box

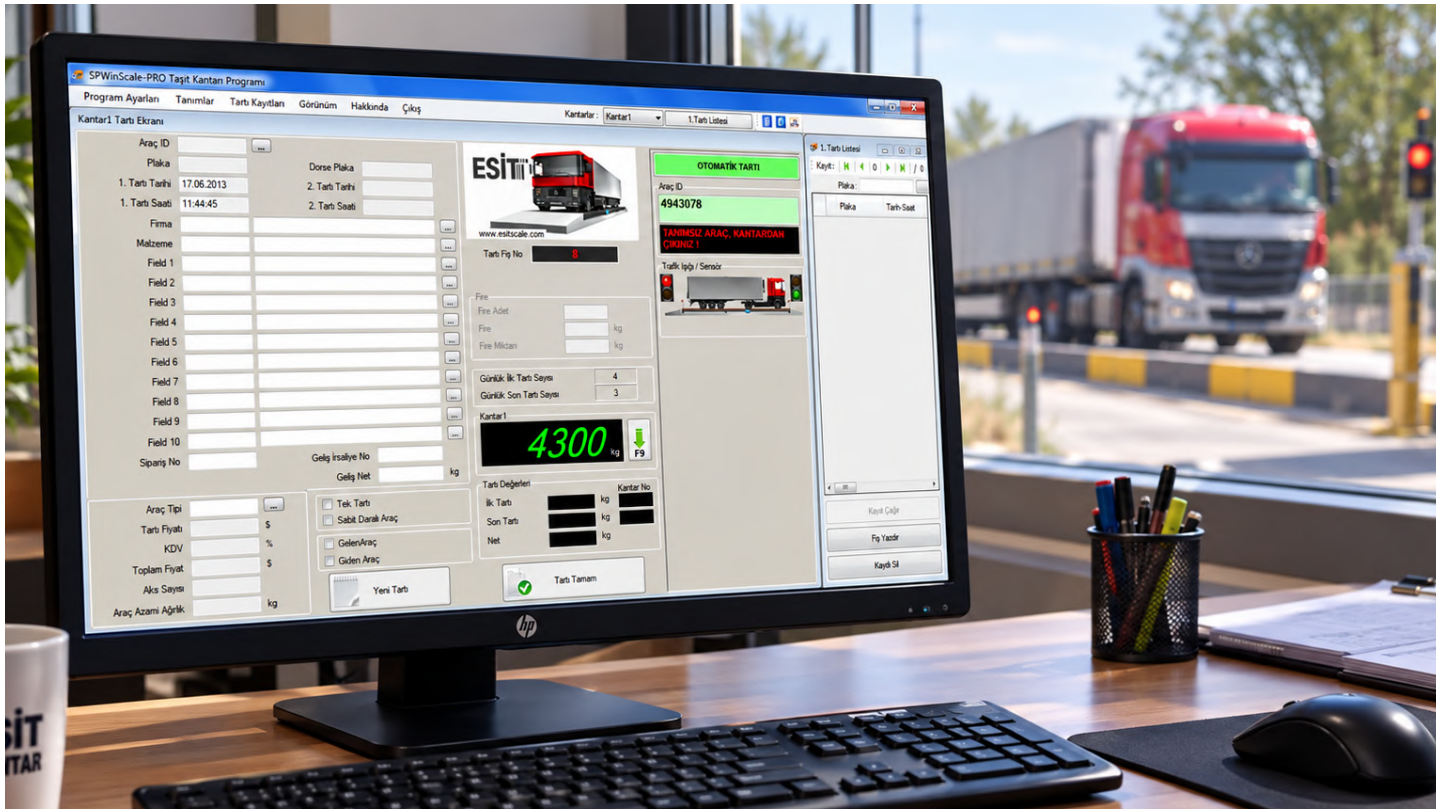


STAINLESS STEEL JUNCTION BOX 8 WAYS

Resistance protection device;
Using Waterproof Seal joints

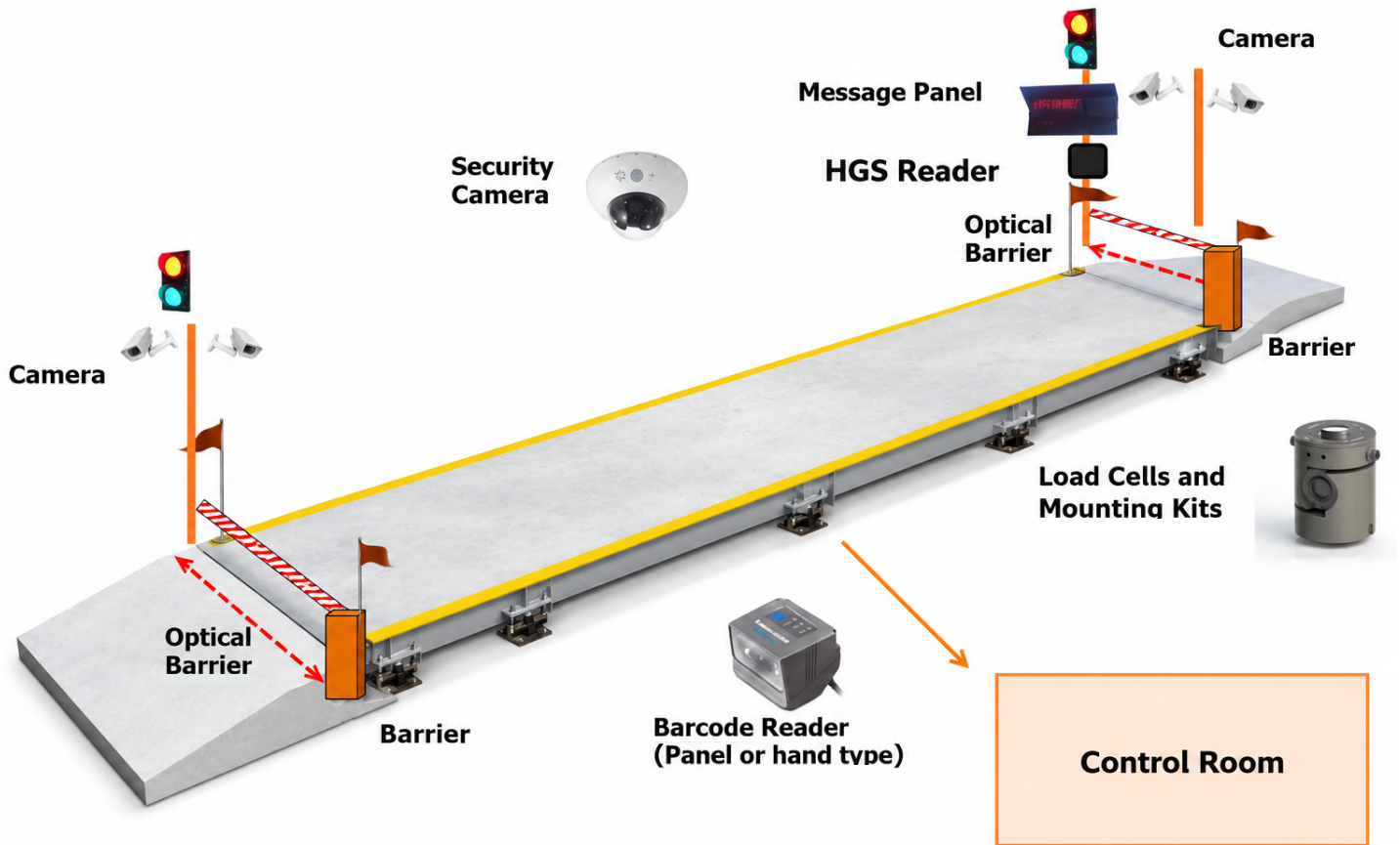
SPWin Weighbridge Management Software

SPWin converts the weighbridge from a simple weight display into a controlled transaction system. It captures vehicle weight directly from the indicator, maintains weighing records and supports configurable reporting and ticket printing.



Core Functions	Advanced / Automation Options
Gross, tare and net weight capture	RFID / card / QR or barcode identification
Vehicle transaction history	Vehicle photo capture / CCTV evidence
Ticket printing	Traffic light and boom-barrier control
Flexible reports	Driver self-service kiosk
Operator/user controls	Remote display and message panel
Standalone operation	Network / multi-terminal operation
Data export	Web service / ERP / SAP integration

AUTOMATION



Any of the three platform sizes can be supplied as a conventional operator-controlled weighbridge or expanded into a semi-automated or fully unattended system.

- *Boom barriers and red/green traffic lights for controlled vehicle movement.*
- *RFID cards/tags, QR codes, barcodes or card readers for automatic vehicle/order identification.*
- *Driver self-service kiosk for unmanned or semi-unmanned weighing.*
- *CCTV and vehicle photo capture for transaction evidence and security.*
- *Remote weight display and message panel for driver guidance.*
- *ERP/SAP/API integration for automatic exchange of order, vehicle, material and weighing data.*