



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



Heavy-duty modular steel weighbridge deck with anti-slip running surface, available in 12 m × 3 m, 18 m × 3 m and 22 m × 3 m configurations; suitable for surface-mounted or pit-mounted installation.

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

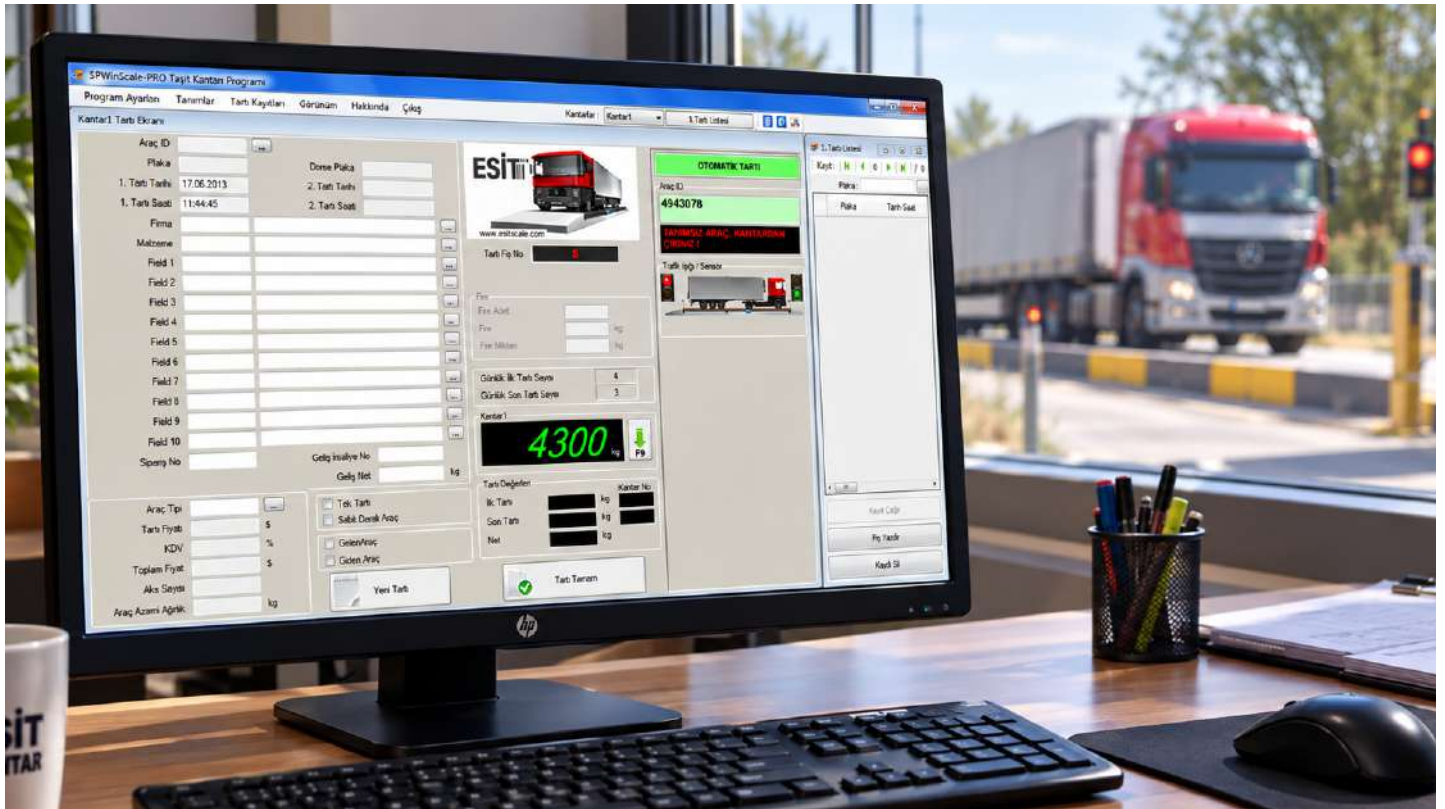


STAINLESS STEEL JUNCTION BOX 8 WAYS

Resistance protection device;
Using Waterproof Seal joints

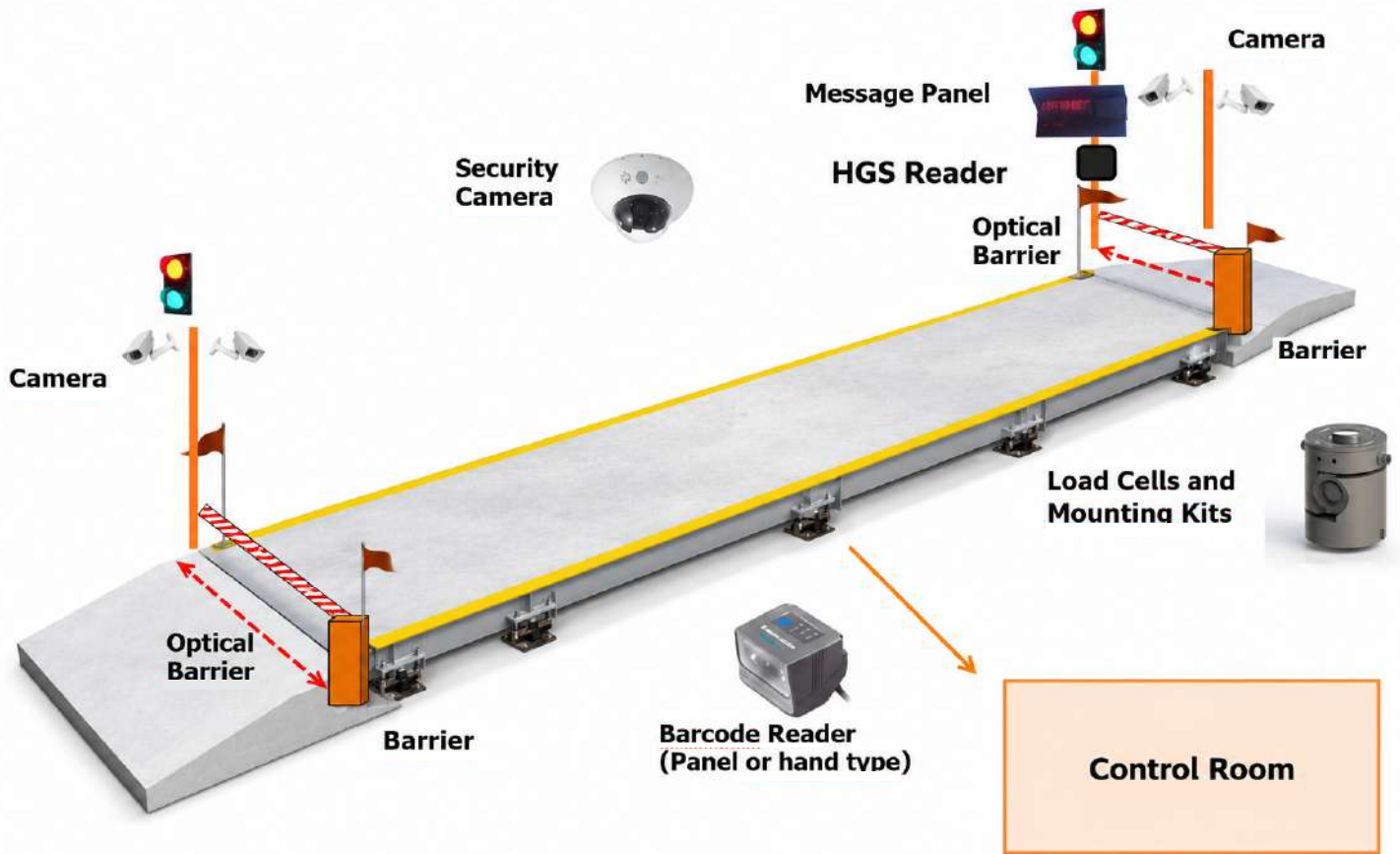
SPWin Weighbridge Management Software

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	<i>RFID / card / QR or barcode identification</i>
Vehicle transaction history	<i>Vehicle photo capture / CCTV evidence</i>
Ticket printing	<i>Traffic light and boom-barrier control</i>
Flexible reports	<i>Driver self-service kiosk</i>
Operator/user controls	<i>Remote display and message panel</i>
Standalone operation	<i>Network / multi-terminal operation</i>
Data export	<i>Web service / ERP / SAP integration</i>

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.