



LOADRITE X2650

EXCAVATOR SCALE

The Trimble® LOADRITE® X2650 for mining excavators provides accurate, dynamic weighing with simple and easy to use data management capabilities, all in an efficient design. The keypad is designed optimize functionality and efficiency, enabling fast and easy data entry. The X2650 provides accurate weighing to within ±3% without disruption to the normal operation of backhoe excavators. Operators can easily weigh every bucket to determine the payload of each truck with one touch, ensuring maximum productivity and visibility of truck payloads.

LOADRITE products are sold globally and are backed up by an extensive support and service network. With over 30 years' experience LOADRITE is the name you can trust in on board weighing solutions.

System Components	
Arm position sensor	2x LR969
Bucket sensor	LR969
Chassis sensor	2x LR966 Tilt sensor
Pressure transducer	2x LC965C
Remote button inputs	2
Printer support	Yes
Data logger support	Yes
Modem support	Yes (radio/Wi-Fi/cellular)
InsightHQ compatible	Yes

Weighing Functions	
Ground slope compensation	Yes
Slew compensation	Yes
Intelligent auto-add	Yes
Dynamic weighing	Yes
Split function	Yes
Target mode	Yes
Supported attachments	4
Bucket overload warning	Yes
Zero function	Yes
Recall/Subtract function	Yes
Smart clear function	Yes

Key Features

- ▶ Accurate buck-by-bucket payload measurement
- ▶ Dynamic weighing
- ▶ Adjustable weighing zone
- ▶ InsightHQ reporting option



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Data Functions	
Product names	20
Product short totals	20
Product long totals	20
Product bucket count	20
Customizable data fields	8
Fixed data fields	1
Total number of data items	1200
J1939 CAN Interface	Yes
Auto target function	Yes
Operator login	Yes (20 logins max)
On-scale reporting	Yes

Physical Specification	
Display	100 mm (4 in) QVGA
Weight	1.5 kg (3.3 lbs)
Dimensions	W145 x L240 x D110 mm (5.7 x 9.4 x 4.3 in)

Environmental Specification	
Operating temperature	-10 °C to 50 °C (14 °F to 122 °F)
Storage temperature	-50 °C to 100 °C (-58 °F to 212 °F)
Environmental protection	Indicator protected to IP54 Sensors and pressure transducers protected to IP69

Power Requirements	
Supply voltage	12 to 32 VDC
Current consumption	160 mA typical 350 mA max. 4 A max with LP950 printer
Power supply protection	Automotive power supply transient suppression exceeds sae specifications for dc automotive power supply transients

Other information	
Supported languages	English, French, Spanish, German, Portuguese, Dutch, Swedish, Danish, Norwegian, Italian, Turkish
Warranty	1 year parts & labor

YOUR TRIMBLE LOADRITE PROVIDER

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