



L2180

WHEEL LOADER SCALE

The Trimble® LOADRITE® L2180 is designed to produce an accurate and consistent weight every time. Consistent weighing performance is just as important as accuracy to efficient loading operation. Using proprietary Friction and Ambient Compensation Technology (FACT™) software, the L2180 calculates an accurate weight regardless of time of day, machine type, operator or temperature. LOADRITE is known for simplified usability and rugged reliability, with the L2180 delivering the next dimension of consistent weighing performance.

System Components	
Trigger options	LR908 rotary/LM960 Optical/LM550 magnetic
Pressure transducer	2x LC965C
Remote button inputs	2
Printer support	Yes
Bucket interlock switch	Yes
Temperature compensation	Yes
Data logger support	Yes (LD951)
Modem support	Yes (radio/Wi-Fi/cellular)
InsightHQ compatible	Yes
Programmable outputs	Yes (overload/login/target)

Weighing Functions	
Dynamic weighing	Yes
Tip off weighing	Yes
Split function	Yes
Target mode	Yes
Batch mode	Yes
Blend mode	Yes
Mix mode	Yes
Grand total mode	Yes
Over target warning	Yes
Tare function	Yes
Supported attachments	4 (bucket, forks etc)
Bucket overload warning	Yes
Zero function	Yes
Recall/Subtract function	Yes
Static weigh function	Yes
Unit toggle function	Yes

Key Features

- ▶ Accurate and consistent weighing to +/- 1% of payload
- ▶ Environmental and operator compensation features
- ▶ Performance and productivity reporting
- ▶ Operator KPIs
- ▶ Reporting on mobile devices or printer



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Data Functions	
Product names	100
Product short totals	100
Product long totals	100
Product bucket count	100
Customizable data fields	8
Total number of data items	1480
Auto target function	Yes
Auto tare function	Yes
Operator login	Yes (50 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 Trigger and pressure transducers protected to IP69

Power Requirements	
Supply voltage	12 or 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, Hungarian, Danish, Norwegian, Italian, Turkish, Slovenian, Russian, Slovakian, Polish and Czech
Warranty	3 years parts & 1 year labor

YOUR TRIMBLE LOADRITE PROVIDER

Trimble Loadrite Auckland Ltd.
 45 Patiki Road, Avondale, Auckland 1026
 PO Box 19623, Avondale, Auckland 1746
 New Zealand
 Tel: +64 9 820 7720
 Fax: +64 9 820 7721
 info@loadritescales.com
 www.loadritescales.com

