



LOADRITE L3190

LOADER SCALE

The Trimble® LOADRITE® L3190 indicator is the core of the LOADRITE 360 connected quarry solution. LOADRITE 360 can holistically improve loadout operation through accurate onboard weighing, performance metric tracking, job data automation, and real-time 360° job visibility. LR360 connects the loader scale and scale house to provide data sharing of loadout jobs which result in greater efficiency, improved visibility and higher product sales.

System Components	
TRIGGER OPTIONS	LR968 Rotary
PRESSURE TRANSDUCER	2 X LC 965C
REMOTE BUTTON INPUTS	2
PRINTER OPTION	Yes, via scalehouse ticketing system integration
DATA LOGGER SUPPORT	No
MODEM SUPPORT	Yes

Weighing Functions	
DYNAMIC WEIGHING	Yes
TIP OFF WEIGHING	No
SPLIT FUNCTION	No
TARGET WEIGHING MODE	Yes
OVER TARGET FUNCTION	Yes
TARE FUNCTION	No
MULTIPLE SCALES	No
BUCKET OVERLOAD WARNING	Yes
ZERO FUNCTION	Yes
RECALL/SUBTRACT FUNCTION	Yes
STATIC WEIGH FUNCTION	No

Data Functions	
PRODUCT NAMES	Unlimited
AUTO TARGET FUNCTION	Yes
OPERATOR LOGIN	Yes
ON SCALE REPORTING	Yes

Key Features

- ▶ Accurate onboard weighing
- ▶ Performance metric tracking
- ▶ Two-way automated communication between scale house and loader
- ▶ Real time job list on the indicator
- ▶ True tare truck loading



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Connected Functions

AUTOMATIC TICKET SHARING	Yes
WAITING TRUCKS LIST	Yes
TRUCK TIME ON SITE	Yes
JOB LIST BY ZONE	Yes
LOADING ACCURACY METRICS	Yes
AVERAGE CYCLE TIME METRICS	Yes
SCALE ACCURACY METRICS	Yes

Power Requirements

SUPPLY VOLTAGE	12 or 24V DC vehicular supply
CURRENT CONSUMPTION	500 mA at 12VDC, 300 mA at 24VDC; 20 mA standby; 1 A maximum (NB: these figures exclude any associated current draw from auxiliary equipment such as radio modems, used for LR360)
POWER SUPPLY PROTECTION	ISO16750

Physical Specification

DISPLAY	5.7 in TFT screen; 640 x 480 pixels VGA
WEIGHT	1.3 kg (2.9 lbs) without bracket
DIMENSIONS	W166 x L270 x D81 mm (6.5 x 10.6 x 3.2 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 IP69K

Other Information

SUPPORTED LANGUAGES	English, French
WARRANTY	3 years parts and 1 year labor

YOUR TRIMBLE LOADRITE PROVIDER

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