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.

### Key Features

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

### System Components

<table>
<thead>
<tr>
<th>Component</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm position sensor</td>
<td>2x LR969</td>
</tr>
<tr>
<td>Bucket sensor</td>
<td>LR969</td>
</tr>
<tr>
<td>Chassis sensor</td>
<td>2x LR966 Tilt sensor</td>
</tr>
<tr>
<td>Pressure transducer</td>
<td>2x LC965C</td>
</tr>
<tr>
<td>Remote button inputs</td>
<td>2</td>
</tr>
<tr>
<td>Printer support</td>
<td>Yes</td>
</tr>
<tr>
<td>Data logger support</td>
<td>Yes</td>
</tr>
<tr>
<td>Modem support</td>
<td>Yes (radio/Wi-Fi/cellular)</td>
</tr>
<tr>
<td>InsightHQ compatible</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Weighing Functions

<table>
<thead>
<tr>
<th>Function</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground slope compensation</td>
<td>Yes</td>
</tr>
<tr>
<td>Slew compensation</td>
<td>Yes</td>
</tr>
<tr>
<td>Intelligent auto-add</td>
<td>Yes</td>
</tr>
<tr>
<td>Dynamic weighing</td>
<td>Yes</td>
</tr>
<tr>
<td>Split function</td>
<td>Yes</td>
</tr>
<tr>
<td>Target mode</td>
<td>Yes</td>
</tr>
<tr>
<td>Supported attachments</td>
<td>4</td>
</tr>
<tr>
<td>Bucket overload warning</td>
<td>Yes</td>
</tr>
<tr>
<td>Zero function</td>
<td>Yes</td>
</tr>
<tr>
<td>Recall/Subtract function</td>
<td>Yes</td>
</tr>
<tr>
<td>Smart clear function</td>
<td>Yes</td>
</tr>
</tbody>
</table>
**Data Functions**

<table>
<thead>
<tr>
<th>Data Function</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product names</td>
<td>20</td>
</tr>
<tr>
<td>Product short totals</td>
<td>20</td>
</tr>
<tr>
<td>Product long totals</td>
<td>20</td>
</tr>
<tr>
<td>Product bucket count</td>
<td>20</td>
</tr>
<tr>
<td>Customizable data fields</td>
<td>8</td>
</tr>
<tr>
<td>Fixed data fields</td>
<td>1</td>
</tr>
<tr>
<td>Total number of data items</td>
<td>1200</td>
</tr>
<tr>
<td>J1939 CAN Interface</td>
<td>Yes</td>
</tr>
<tr>
<td>Auto target function</td>
<td>Yes</td>
</tr>
<tr>
<td>Operator login</td>
<td>Yes (20 logins max)</td>
</tr>
<tr>
<td>On-scale reporting</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Physical Specification**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display</td>
<td>100 mm (4 in) QVGA</td>
</tr>
<tr>
<td>Weight</td>
<td>1.5 kg (3.3 lbs)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>W145 x L240 x D110 mm (5.7 x 9.4 x 4.3 in)</td>
</tr>
</tbody>
</table>

**Power Requirements**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supply voltage</td>
<td>12 to 32 VDC</td>
</tr>
<tr>
<td>Current consumption</td>
<td>160 mA typical 350 mA max. 4 A max with LP950 printer</td>
</tr>
<tr>
<td>Power supply protection</td>
<td>Automotive power supply transient suppression exceeds SAE specifications for DC automotive power supply transients</td>
</tr>
</tbody>
</table>

**Environmental Specification**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating temperature</td>
<td>–10 °C to 50 °C (14 °F to 122 °F)</td>
</tr>
<tr>
<td>Storage temperature</td>
<td>–50 °C to 100 °C (–58 °F to 212 °F)</td>
</tr>
<tr>
<td>Environmental protection</td>
<td>Indicator protected to IP54</td>
</tr>
<tr>
<td></td>
<td>Sensors and pressure transducers protected to IP69</td>
</tr>
</tbody>
</table>

**Other Information**

<table>
<thead>
<tr>
<th>Information</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supported languages</td>
<td>English, French, Spanish, German, Portuguese, Dutch, Swedish, Danish, Norwegian, Italian, Turkish</td>
</tr>
<tr>
<td>Warranty</td>
<td>1 year parts &amp; labor</td>
</tr>
</tbody>
</table>