

# Loadrite LP950 Printer User Manual

Document Number: 130164-95-ENG

Revision: B

Issued Date: June 2024

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Published in New Zealand.

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# 1. Introduction

The Loadrite™ LP950 is an accessory to the Loadrite weighing system and is used to provide a permanent record of the weighing operations as they are performed.

Printing is performed by the dot-matrix impact method, utilizing a replaceable ink-ribbon cartridge, on to either:

- ▶ Standard 57 mm calculator plain paper, or
- ▶ 2-Layer NCR paper (if a duplicate copy is required).

# 2. Installation

## 2.1. Installation Requirements

The printer should be installed at the appropriate mounting angle, orientation and location to provide optimal conditions of use by the operator.

The following important rules should be observed:

- 1) To reduce the risk of entry of dust or moisture into the printer case:
  - ▶ The unit should be mounted with the mouth of the paper exit slot in a downward direction.
  - ▶ Care should be taken that externally accumulated dust, water and oil, etc, does not enter when the lid is opened to replace the paper roll.
- 2) The printer should be located in such a way that it does not hinder the normal operation of the machine controls or the visibility of the operator:
  - ▶ The lid can be opened without restriction for replacement of the paper roll or ribbon cartridge.

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**NOTE:** The lid is secured with a sprung (not hinged) plastic clip. Bending this clip back too far may result in it breaking.

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- ▶ The operator has easy access to the printer to operate the printer controls.
- 3) The printer should not be located in direct sunlight or near any engine compartments which can become excessively hot. If necessary a screen should be provided to shade the unit from direct heat and sunlight.

## 2.2. Cable Connection

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**NOTE:** All power supply and signal connections to the printer are contained within the cable and connector assembly. No other connections are required.

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- ▶ Connect one end of the cable to the socket located at the rear of the Loadrite Printer.
- ▶ Connect the other end to the printer socket located at the rear of the Loadrite Indicator.
  - ▶ To connect to a L3180 Indicator, a 115206 printer adaptor cable will be required.
  - ▶ To connect to a L5000 Indicator (LT70), a 151015 printer adaptor cable will be required.




The power supply to the printer is switched **On** or **Off** using the main power to the Loadrite Indicator.

Ensure that the printer and cable are securely fastened and the cable routed to avoid accidental physical damage.

## 3. Printer Operation

The Indicator Printer has two control buttons and three associated lights on the operator control panel.

### 3.1. Printer Features

Button	Name	Description
	<b>Power</b>	This button is used to toggle the printer between online (can print data) or offline (can't print data). When the printer is online, the associated light will be illuminated.
	<b>Paper Feed</b>	This button is used to fast-feed the paper out of the printer. It may be used when required during paper loading.
	<b>Paper Out</b>	Illuminates when the printer is out of paper. When illuminated, a new paper roll should be loaded to avoid losing printed information.

#### Test Print Function

If the **Paper Feed** button is momentarily depressed while pressing the **Power / Online** button, the printer will print a test print. After printing, the printer will go offline, so the **Power / Online** button will need to be pressed again before the printer will operate.

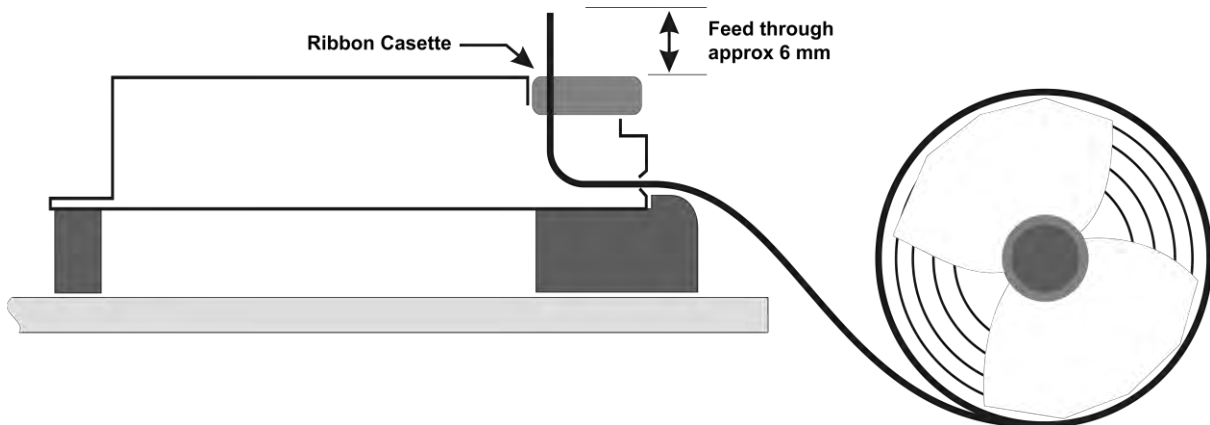
### 3.2. Paper Roll Replacement

**WARNING:** Do not pull the paper roll backwards through the printer mechanism as this will cause irreparable damage!

The Loadrite Printer uses standard 57 mm wide paper; either plain or 2-layer NCR if a duplicate copy is required. The maximum roll diameter in either case is 57 mm.

To replace the paper roll, complete the following:

- 1) Open the hinged lid by springing the plastic clip, then lift the lid wide open.
- 2) Remove the short length of paper remaining in the printing mechanism by:
  - a. Using the **Paper Feed** button, or
  - b. Gently pulling the paper through the mechanism by hand, in the normal direction.
- 3) Remove the old roll core from the holding fingers, then insert the new roll with the paper direction as shown in the below diagram.



- 4) Free the end of the new paper roll, checking that the end is cut reasonably square and is free from irregular or jagged tears. If needed, trim the end with scissors.
- 5) Gently push the free end of the paper over the plastic ramp and into the mouth of the printer.
- 6) Ensure power is on, then press the **Paper Feed** button.
- 7) Feed the paper through the mechanism and leave approximately 6 mm (1/4") of paper protruding from the mechanism. Ensure that the paper lies between the ink ribbon and the cassette housing.
- 8) Tighten the ink ribbon in the cassette by turning the star-shaped disc on the right-hand end of cassette two or three turns clockwise.
- 9) Close the case and secure the lid catch.
- 10) Press the **Paper Feed** button until the paper emerges past the tear-off edge.
- 11) Press the **Power** button.

### 3.3. Ribbon Cassette Replacement

Printing on plain paper in the Loadrite Printer is achieved by use of an inked ribbon contained in a replaceable cassette. The ribbon will normally last for 2 to 3 rolls of paper.

To replace the cassette, complete the following:

- 1) Open the lid of the printer. If there is paper in the mechanism, remove it by cutting the paper close to the exit slot of the mechanism.

**WARNING:** Do not pull the paper roll backwards through the printer mechanism as this will cause irreparable damage!

- 2) Press down on the left end of the cassette. The right end will pop up. The cassette can now be removed.
- 3) Fit the new cassette in the reverse order to removing it: position the right end of the new cassette in the mechanism and gently push the left end in.
- 4) Ensure that the paper lies between the ink ribbon and the cassette housing.