



Editing Printer Profiles

Change loading offset, historical modifier, tube length, and printer name

Written By: Mosaic Support

← Calibration

Loading Offset (LO)

1049mm

Historical Modifier (HM)

101.37%

Outgoing Tube Length

80cm

To learn more about these values, please visit
support.mosaicmfg.com

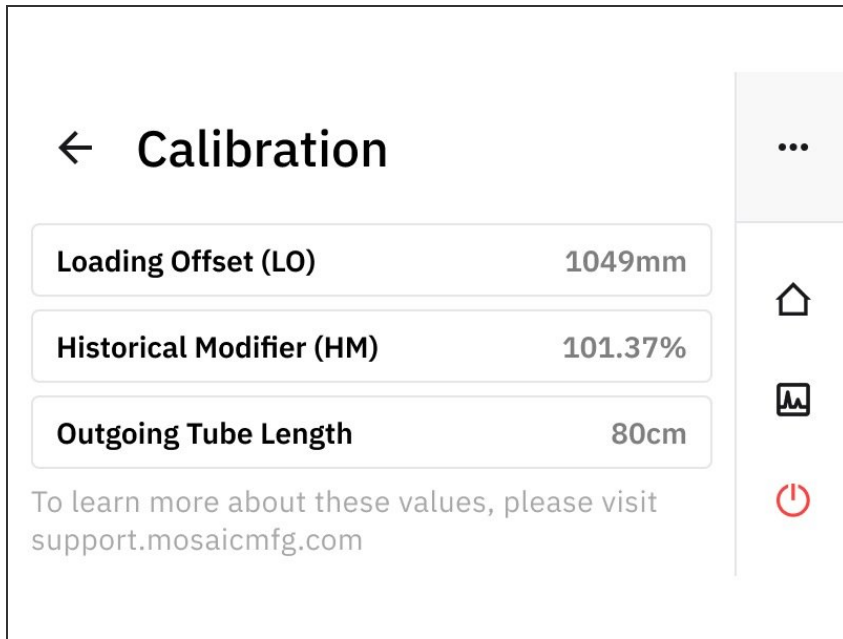



INTRODUCTION

In this guide you will learn how to:

- Change the loading offset, historical modifier, and outgoing tube length
- Change your printer name

Step 1 — Calibration Values



- Go to *Home Screen > Printers > Select Printer > Edit Calibration Data* to view and change the following:
 - **Loading Offset (LO).** This represents the overall length from Palette's output to the printer nozzle. It includes the outgoing tube length, extruder length, and any other bowden assemblies the filament must travel to reach the nozzle.
 - **Historical Modifier (HM).** This is the average pings over time.
 - **Outgoing Tube Length.** The tube used between Palette and the extruder.
-  [Learn more about loading offset and historical modifier](#) and how they are used for calibration.

Step 2 — Loading Offset (LO)

← Calibration

Loading Offset (LO)1049mm

Historical Modifier (HM)101.37%

Outgoing Tube Length80cm

To learn more about these values, please visit support.mosaicmfg.com

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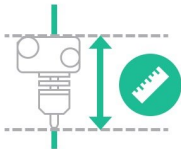
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Measure Loading Offset

To estimate loading offset, measure the distance from where the tube is clipped onto the extruder to the tip of the nozzle.



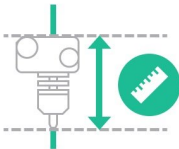
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Next

Measure Loading Offset

Please enter the loading offset you measured.

mm



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Save

- Measure Loading Offset (LO) values
 - Part of the loading offset includes the distance between where the tube clips into the extruder and the nozzle. If the hot end was changed, or if the printer was changed between direct drive to bowden, this length can be modified.
- Enter new Loading Offset measure and save.

Step 3 — Historical Modifier (HM)

← Calibration

Loading Offset (LO)1049mm

Historical Modifier (HM)101.37%

Outgoing Tube Length80cm

To learn more about these values, please visit support.mosaicmfg.com

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4	5	6
7	8	9
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- *Calibration > Historical Modifier*
- The historical modifier value will be logged here as the printer profile continues to tune from saving print data.
- This historical modifier also represents the ping average, and the percentage can be manually edited if necessary.

Step 4 — Outgoing Tube Length

← Calibration

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Loading Offset (LO) 1049mm

Historical Modifier (HM) 101.37%

Outgoing Tube Length 80cm

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To learn more about these values, please visit support.mosaicmfg.com

Install Outgoing Tube

Insert the outgoing tube through the output.

Make sure the tube sits flush to the brass coupling.

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Next >

Length of Outgoing Tube Used

S (57cm)

M (80cm)

L (110cm)

Custom

< Back

Save

- *Calibration > Outgoing Tube Length*
- If the tube being used between Palette and the printer is changed, enter the new length here.
- Install Outgoing Tube following the steps from the printer setup.
- Enter the length of the outgoing tube used, and save.
 - S(57cm), M(80cm), L(110cm), or enter a custom length.

Step 5 — Change Printer Name

← Search printers

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My Printer 5/25/2020

My Prusa MK3 5/25/2020

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← Search

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Edit Calibration Data

Edit Printer Name

Remove from Palette

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× My Printer|

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- Access the status bar by tapping the 3 dots in the right corner. Tap *Printer > My Printer > Edit Printer Name*
- Rename the printer and save.

If you have any additional questions, please send us a message at support@mosaicmfg.com

