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EPSON TM-L90 LABEL PRINTER

LABEL FORMATTING GUIDE

Publication Details

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Creating labels in Settings Editor

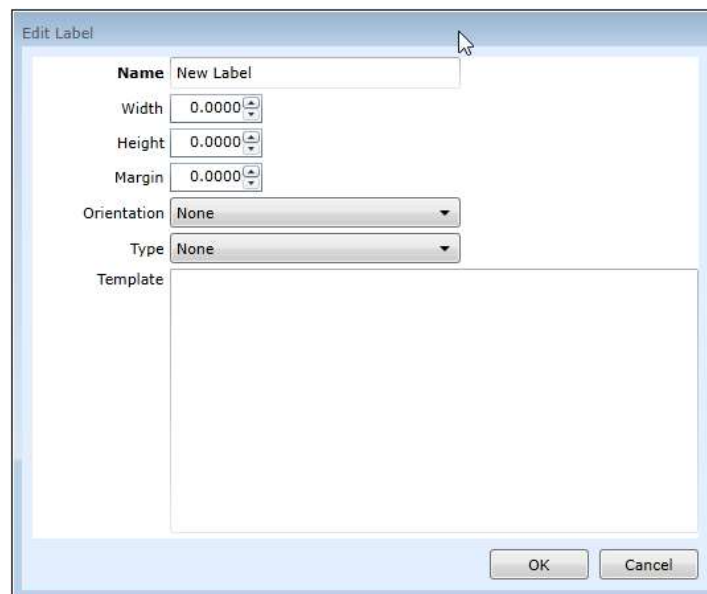
The first step in setting up the label printer is to create the labels it will print in Settings Editor.

NOTE: While it is possible to set up the printer itself first (see Configuring the Epson TM-L90 label printer), one of the steps in that procedure is to choose the labels that the printer will print. This step cannot be completed unless labels are defined.

1. Go to the **Labels** page in Settings Editor.
2. Click the **Add** button.

The *Edit Label* dialog opens.

Edit Label dialog



3. In the **Name** field, enter a name for the label
4. Set the **Width**, **Height**, and **Margin** for the label (in inches).
5. In the **Orientation** drop-down list, select **Horizontal** or **Vertical**.
6. In the **Type** drop-down list, select **Item** or **Summary**

NOTE: Item labels contain information about a specific item on an order. Summary labels contain information about entire orders.

7. In the **Template** field, enter the script to format the label and its contents.

NOTE: The script for formatting labels is described in The Epson label script. Example labels are described in Example labels.

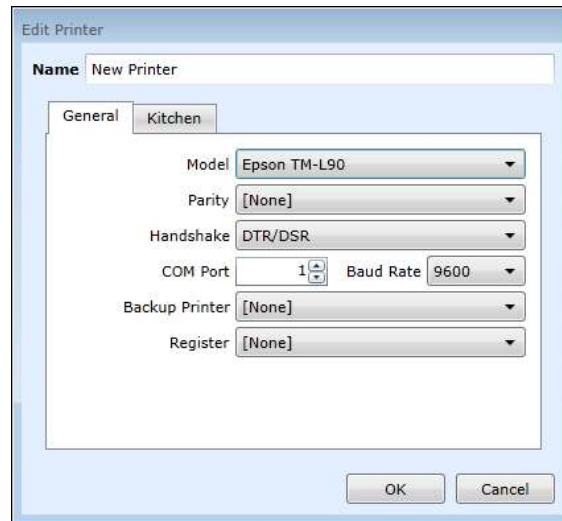
Configuring the Epson TM-L90 label printer

Once labels have been formatted, the printer can be configured in Settings Editor.

1. Go to the **Printers** page in Settings Editor.
2. Create a new printer by clicking the **Add** button.

The *Edit Printer* dialog opens.

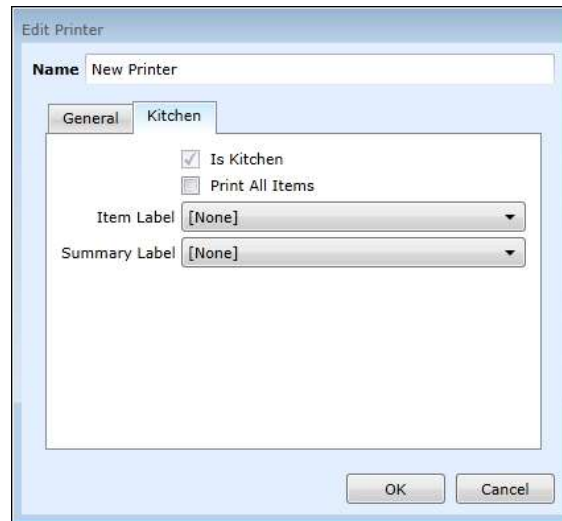
*Edit Printer dialog, with **Epson TM-L90** selected*



The screenshot shows the 'Edit Printer' dialog box. At the top, there's a 'Name' field containing 'New Printer'. Below this are two tabs: 'General' and 'Kitchen'. The 'General' tab is selected, displaying several configuration options: 'Model' is set to 'Epson TM-L90', 'Parity' is '[None]', 'Handshake' is 'DTR/DSR', 'COM Port' is '1', 'Baud Rate' is '9600', 'Backup Printer' is '[None]', and 'Register' is '[None]'. At the bottom right of the dialog are 'OK' and 'Cancel' buttons.

3. In the **Model** drop-down list, select **Epson TM-L90**.
4. Leave the **Parity**, **Handshake**, and **Baud Rate** options at their defaults.
5. Enter the number of the COM port that the printer is connected to in the **COM Port** field.
6. Choose a setting in the **Backup Printer** drop-down list according to your policy or preference.
7. In the **Register** drop-down list, select the register that the printer is attached to.
8. Select the **Kitchen** tab.

*Edit Printer dialog **Kitchen** tab*



NOTE: For the Epson TM-L90 label printer, the **Is Kitchen** check box is automatically checked and cannot be unchecked.

9. Leave **Print All Items** unchecked.
10. In the **Item Label** drop-down list, select the item label that you want this printer to print.
11. In the **Summary Label** drop-down list, select the summary label that you want this printer to print.

NOTE: Although you are permitted to select values for both **Item Label** and **Summary Label**, you are only required to select a value for one of them.

12. Click **OK** to close the *Edit Printer* dialog.
13. **Save** and **Publish** the changes.

The Epson label script

The information that is entered into the **Template** field can be plain text, replaceable parameters, or formatting tags.

Formatting tags

The Epson TM-L90 label printer recognizes the following formatting tags. All tags must have accompanying closing tags (for example, **<Bold> . . . </Bold>**) and be nested properly. Tags are case-sensitive.

Tag	Description
<Invert>	Prints white text on a black background. The black background bleeds off the edge of the label to the left and right and either the top or bottom if appropriate.
<Right>	Aligns the text on the right margin.
<Center>	Aligns the text in the center of the line.
<Bold>	Prints the text in boldface.
<FontB>	Prints the text in a smaller typeface.
<DoubleHeight>	Prints the text twice as tall as the default.
<DoubleWidth>	Prints the text twice as wide as the default.
<Bottom>	Prints the text at the bottom of the label.

Replaceable Parameters

Brink POS recognizes and appropriately replaces the following replaceable parameters on labels printed to an Epson TM-L90 label printer. All replaceable parameters must be enclosed in percentage signs (% . . . %) and are case-sensitive.

Parameter	Description
Destination	The destination of the item or order (as configured on the Destinations page in Settings Editor).
FutureOrderDate	Prints the date that the future order is due.
FutureOrderPhoneNumber	Prints the phone number entered for a future order.
FutureOrderTime	Prints the time that the future order is due.
ItemCount	The total number of items ordered.
ItemList	NOTE: Must be used with a label Type of Summary . Prints a list of all items (but not modifiers) with each item's price. Item prices reflect the price of any modifiers applied to them.
ItemModifiers	Displays a list of all item modifiers with their modifier code abbreviations, if any, as they would be printed on a kitchen chit. If a note was entered for the item, the note is displayed at the top of the modifier list.
ItemModifiersRemoveAddHorizontal	NOTE: Must be used with a label Orientation of Horizontal . Displays a list of all item modifiers with their modifier code abbreviations, if any, grouped under two headings: "REMOVE" and "ADD". The REMOVE section is printed on the left, and the ADD section is printed on the right. If a note was

	<p>entered for the item, the note is displayed at the top of the ADD list.</p> <p>NOTE: Modifiers with a modifier code of type NO, SUB, or FOR appear under the REMOVE heading; all others appear under the ADD heading.</p>
ItemModifiersRemoveAddVertical	<p>NOTE: Must be used with a label Orientation of Vertical.</p> <p>Displays a list of all item modifiers with their modifier code abbreviations, if any, grouped under two headings: "REMOVE" and "ADD". The REMOVE section is printed first, with the ADD section below it. If a note was entered for the item, the note is displayed at the top of the ADD list.</p> <p>NOTE: Modifiers with a modifier code of type NO, SUB, or FOR appear under the REMOVE heading; all others appear under the ADD heading.</p>
ItemName	Inserts the kitchen name of the ordered item.
ItemNumber	Inserts the number assigned to the item by the auto-numbering function.
ItemXofY	Displays the item number (in sequence as ordered) and the total number of items ordered in this format: "Item 2 of 3"
OrderId	The identification code for the order.
OrderName	Prints the order name. If there is no order name, it prints the customer name. If there is no customer name, it prints the Lane prefix and the order number.
SKU	The SKUs of the items on the label, separated by commas.
Totals	<p>Prints an order total section with each of the following lines:</p> <ul style="list-style-type: none"> • Sub-Total \$0.00 • Discounts \$0.00 • Promotions \$0.00 • Surcharges \$0.00 • Tax \$0.00 • Total \$0.00 • Paid \$0.00 • Balance \$0.00 <p>Discounts, Promotions, and Surcharges only appear if their value does not equal zero.</p>

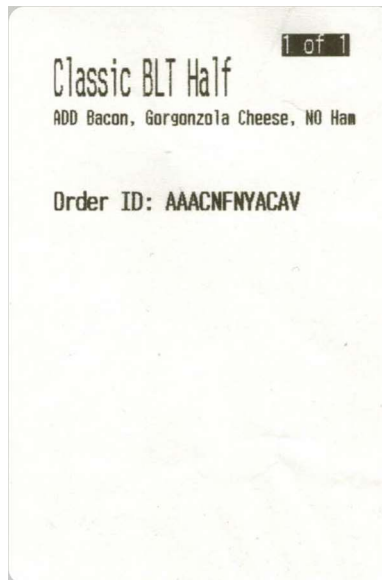
Example labels

Vertical item label

- **Name:** Item
- **Width:** 3 (inches)
- **Height:** 2
- **Margin:** 0.2
- **Orientation:** Vertical
- **Type:** Item
- **Template:**
<Invert><Right>%ItemXofY%</Right></Invert>

<DoubleHeight>%ItemName%</DoubleHeight>
<FontB>%ItemModifiers%</FontB>

<Bold>Order ID: %OrderId%</Bold>



Horizontal item label

- **Name:** Order
- **Width:** 3 (inches)
- **Height:** 2
- **Margin:** 0.2
- **Orientation:** Horizontal
- **Type:** Item
- **Template:**
<Right>%SKU%</Right>

```
<DoubleHeight><Doublewidth><Bold>%ItemName%</Bold></Doublewidth>  
</DoubleHeight>  
<FontB>%ItemModifiers%</FontB>
```

```
<Bold><Doublewidth>%OrderName%</Doublewidth></Bold>  
<Bottom><Bold><FontB>%Destination% %OrderId%</FontB></Bold></Bottom>
```



Short horizontal item label

- **Name:** Item Small
- **Width:** 3 (inches)
- **Height:** 1
- **Margin:** 0.2
- **Orientation:** Horizontal
- **Type:** Item
- **Template:**
<Bold>%ItemName%</Bold><Right><FontB>%ItemXofY%</FontB></Right>
<FontB>%ItemModifiersRemoveAddHorizontal%</FontB>
%OrderName%

