

Zebra[®] TTPM2[™]
Kiosk Ticket Printer/Encoder

Selection Guide



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This guide is intended to help you select the version of TTPM2 that fills your needs. For deeper technical knowledge, please consult the *Technical Specifications* and the *Installation and Programming Manual*.

If the functionality you require is not covered with the versions described in this guide, don't hesitate to suggest new features. We constantly develop the Zebra product range and might very well be able to help you out.

The guide only describes hardware versions. The standard TTPM2 firmware contains functions that fulfil the needs for most ticketing applications. If you require functions that we do not support yet, please tell us and we determine if this can be added to the standard firmware or if a custom version is required.

PRESENTATION

The TTPM2 is a printer designed for producing electronically readable tickets with magnetic stripe and/or bar code as information carrier.

The printer is divided into modules that can be combined in such a way that it can fulfil almost any ticketing need.

The TTPM2 comes as desktop printer with a cover and a built-in power supply, or as an OEM printer mechanism for kiosk applications.

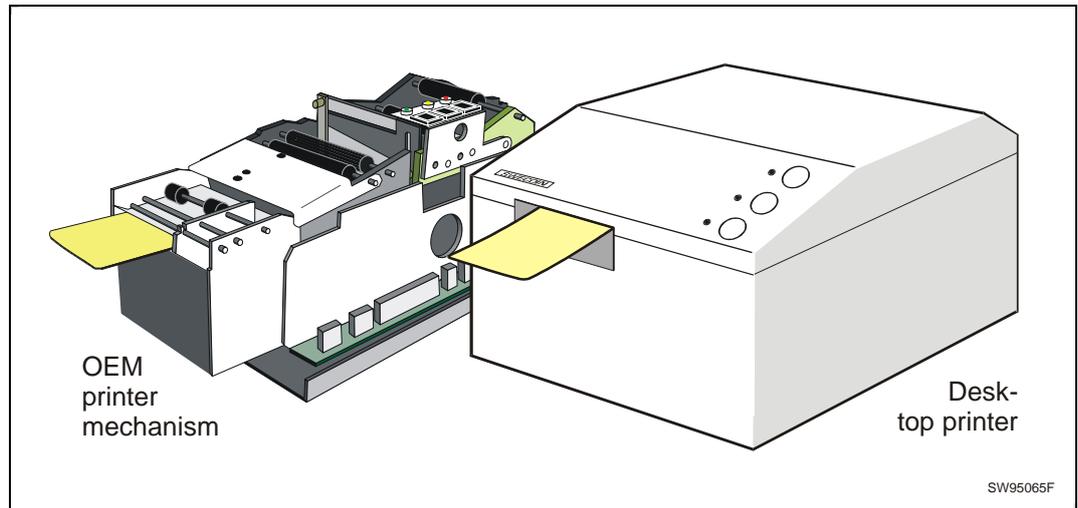


Figure 1. OEM printer mechanism, and Desktop printer

2.1

Versions

The printer is built to the version you specify. Mark your six selections in the illustration below and the Zebra representative will give you an order number for that configuration.

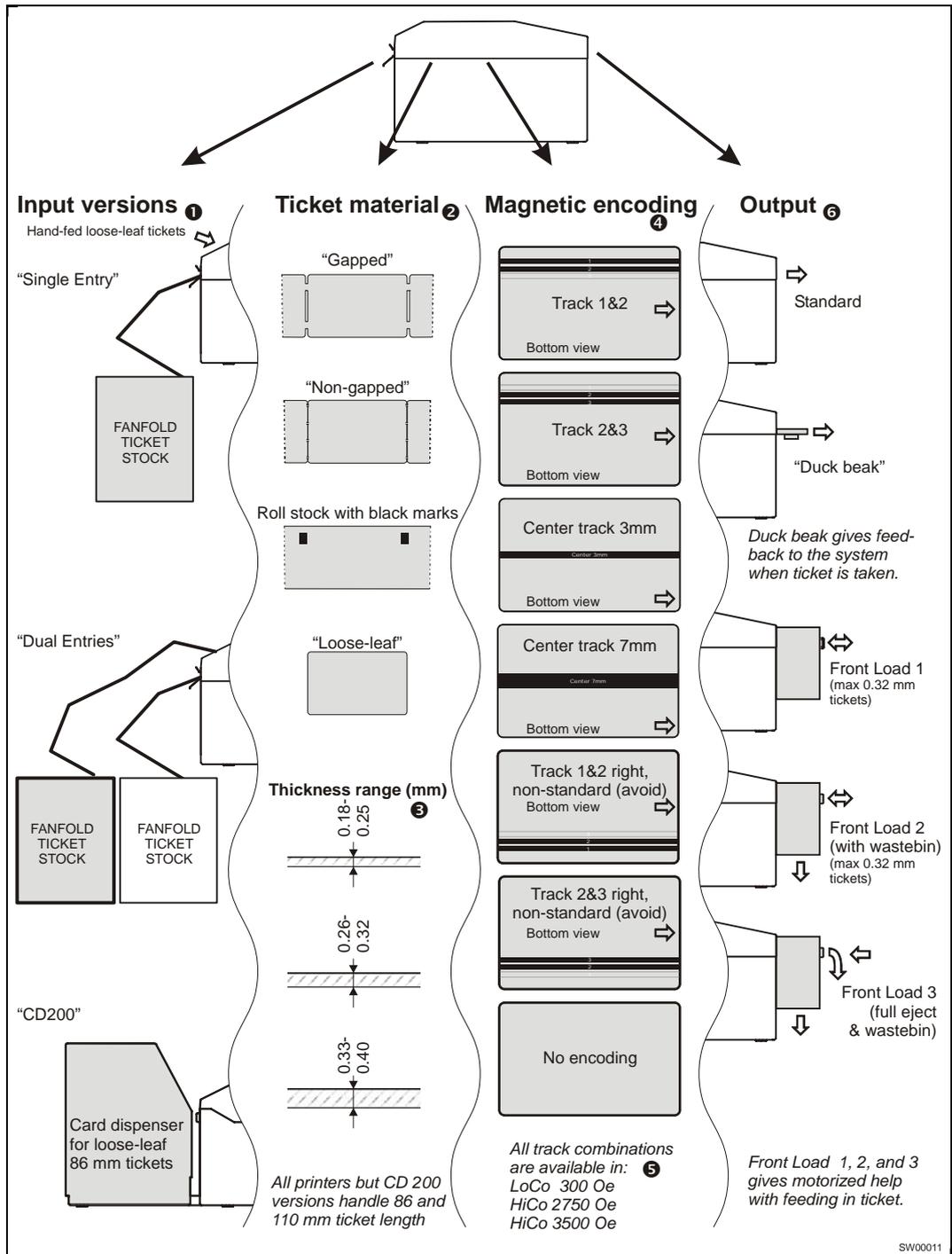


Figure 2 The modularization of the TTPM2 makes numerous versions possible.

More about...***INPUT VERSIONS***

There is no special input version for roll paper with black marks. If you use roll paper, you can use both single and dual entry versions.

TICKET MATERIAL

Gapped tickets produce less paper debris in the printer than non-gapped ticket. This is because gapped tickets are cut, while non-gapped tickets are burst off in the perforation. Because of this we recommend gapped tickets for customers that do not already have other types of tickets in stock that the printer must conform to.

ENCODING

LoCo is the standard magnetic used on credit cards etc. HiCo means household-magnet proof encoding. That is, the encoding is not destroyed if you put the ticket on the fridge door with a fridge-magnet, or if it comes in contact with a magnetic lock on a handbag.

ISO tracks 2&3 are the most commonly used.

Center track has the advantage that it is more forgiving. The user can enter the ticket in two directions and it is still read by the reader. Center track is suitable for mass transport, parking, etc. where the customer himself should enter the ticket into the reader.

OUTPUT VERSIONS

The duck-beak is a stainless steel beak that guides the ticket.

The FL1, 2 and 3 front load modules also guide the ticket. But in addition to that, the printer motor drives them so that the ticket is ejected longer when printed, and pulled in more easily when loaded from the front.

The duck-beak, FL1, 2 and 3 all have optical ticket sensors fitted to them. The host computer can ask for the sensor status so that it can determine whether the customer or operator has taken the ticket or not. With duck beak and FL1, the system can then alert the user that the ticket has not been taken.

In addition to this, the FL2 and 3 can pull the ticket back in, void it, and throw it in the waste bin. The waste bin can also be used if the ticket entered is no longer valid.

In addition to the FL2 functions, FL3 can feed the ticket all the way out so that it drops down into a bowl. This may be desired in kiosks.

The duck beak with front load requires that the ticket is pushed in longer when loaded compared to the FL1, 2 and 3. This makes the duck beak with front load less suitable for unattended customer operated kiosks.

Personnel in ticket offices, who handle manually-fed loose-leaf tickets, can just as well enter them in the upper rear entry as using a front load printer. Tickets are issued quicker this way because they do not have to be transported back through the printer.

2.2 Accessories

Accessories can be added at any time so you do not have to order them together with the printer.

2.2.1 Output tray

The output tray collects the printed and coded tickets in a neat stack. Use the tray if you intend to print many tickets at a time.

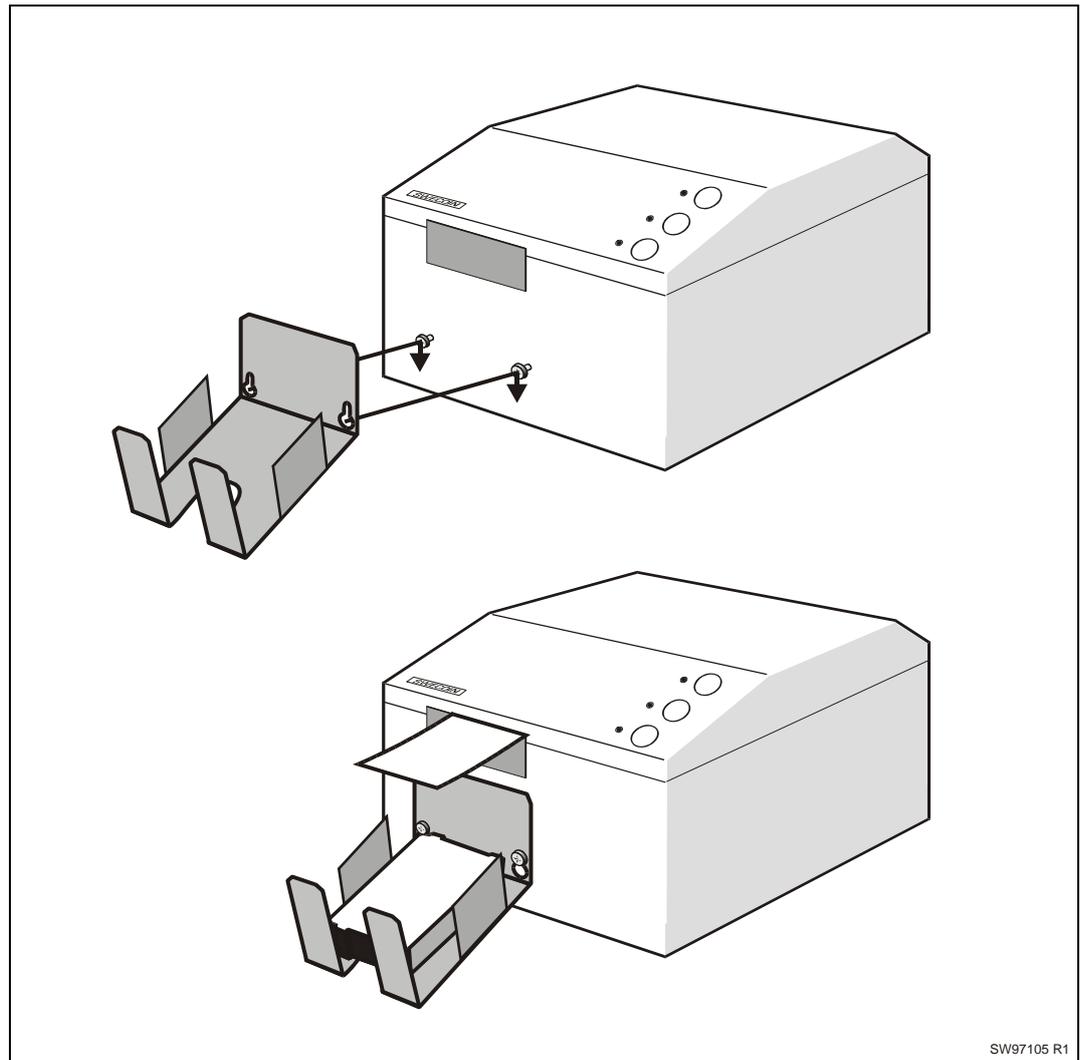


Figure 3. Installing the output tray. Order No. 02293-000

2.2.2

Rear ticket guide, control panel, and 5 V regulator option for OEM printers

In kiosks where the printer is only accessible from behind it is a clear advantage to have the controls and the power connector facing backwards. This option also gives a smooth ticket path into the printer when you have the ticket stock below the printer. The built in 5 V regulator makes the printer more tolerant to long cables between the power supply and the printer, and makes it possible to use a single voltage power supply.

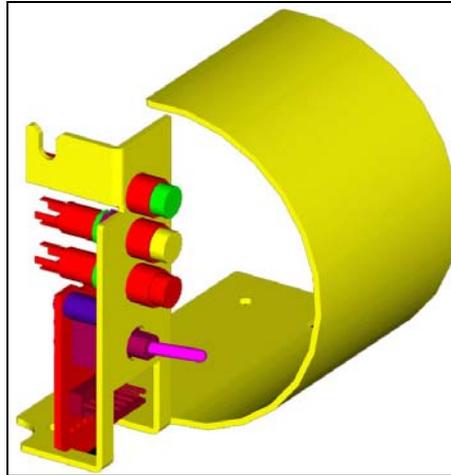


Figure 4

- A) Rear switch and ticket guide option No. 104273.
- B) This panel is also available without the green/yellow/red buttons on part No. 102531
- C) 103774 is the same as 102531 but without the ticket guide part.

2.2.3

Instruction label

This self-adhesive label clarifies the use of buttons and the meaning of the indicators of the desktop printer.

It is available in two versions, one for single and dual entry versions, and one for CD200 card dispenser versions.

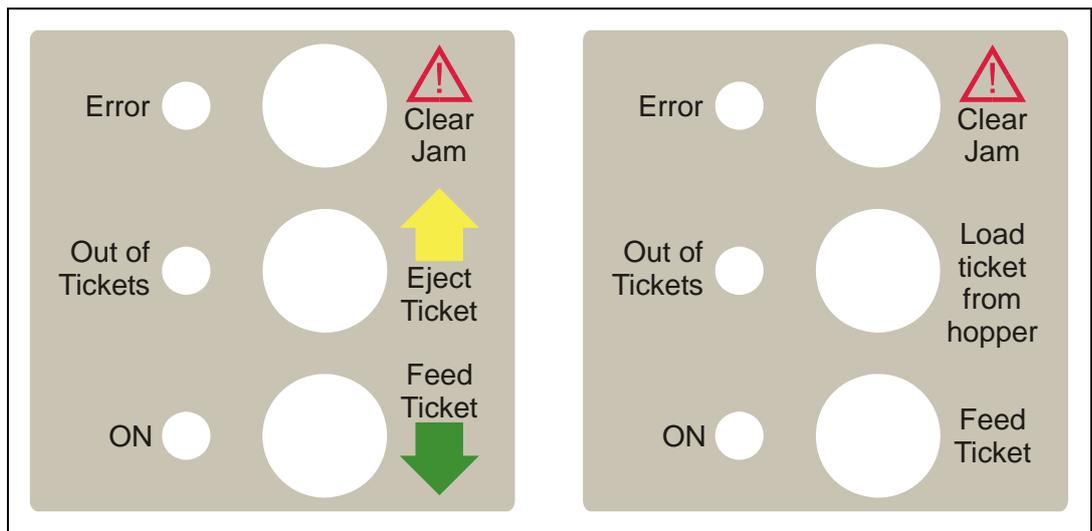


Figure 5 Label for normal and CD200 versions.
Order No. 01715-000 for normal and 01715-001 for CD200.

3

WORKBENCH CONSIDERATIONS

For the printer to perform its best, the environment that it is placed in must fulfil certain criteria:

3.1

Free ticket path:

- ❑ Nothing must obstruct the ticket material on its way into the printer.
- ❑ All edges that the ticket material passes must be smooth.
- ❑ For dual entry printers, provision must be made so that the upper and lower entry ticket stock does not hook into each other.
- ❑ Ticket material must be stored away from the floor. Otherwise stones and dirt may enter the printer with the tickets.

3.2

Correct operating position

- ❑ The printer must not tilt more than 45 degrees forward/backward.
- ❑ Air must be able to circulate around the printer.
- ❑ Space must be provided so that one can clean and maintain the printer (load paper etc.)

More environmental conditions are stated in the *Technical Specifications*.

4

DIMENSIONS

The printer size varies depending on the options that you require. The Single and Dual entry printers are of the same size, but the front load option adds about 70 mm to the dept of the printer.

4.1

Standard single and dual entry versions

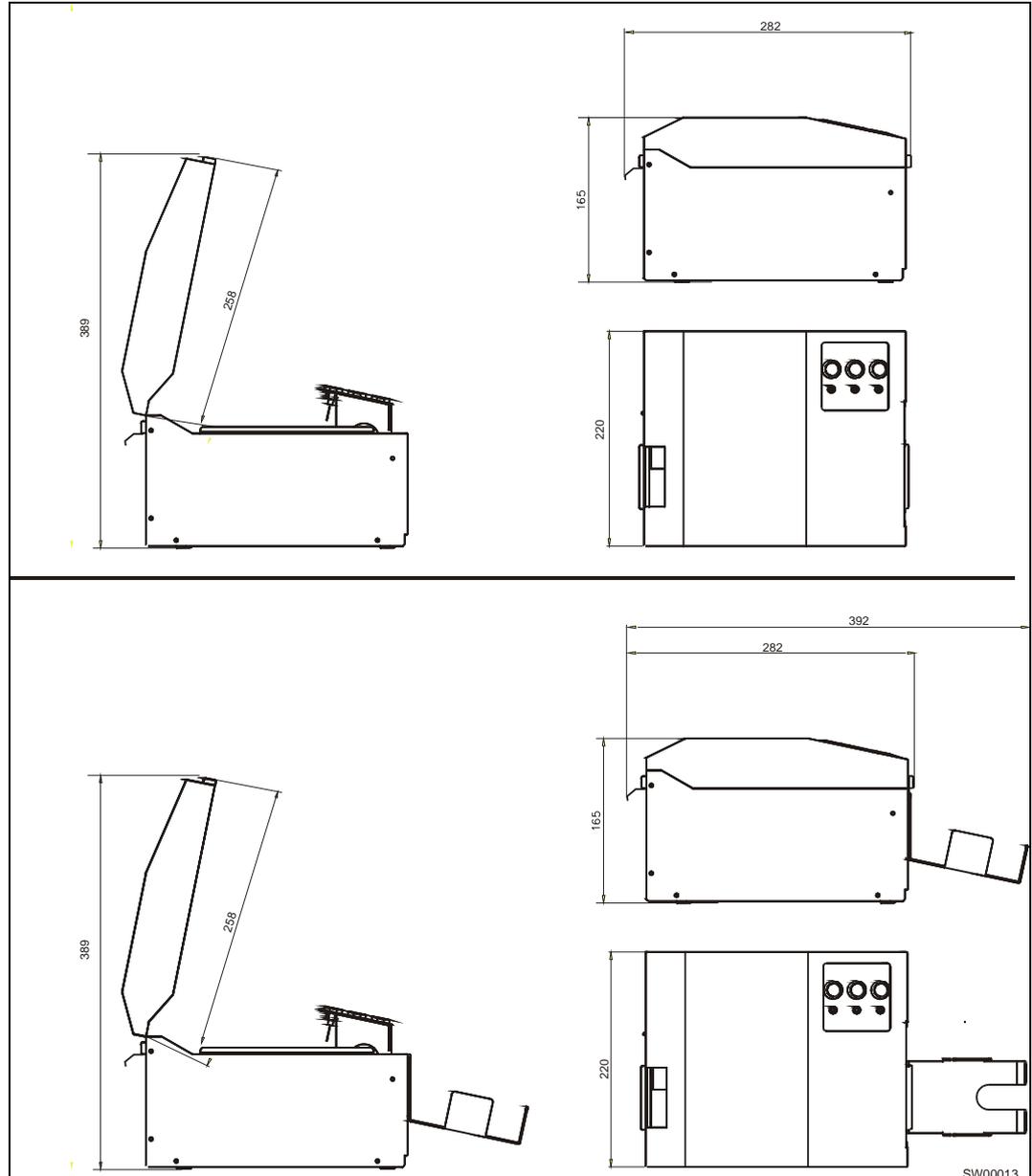


Figure 6 Approximate dimensions in mm of the desktop printer.
Dimensions are given with and without output tray.

4.2

Front load versions

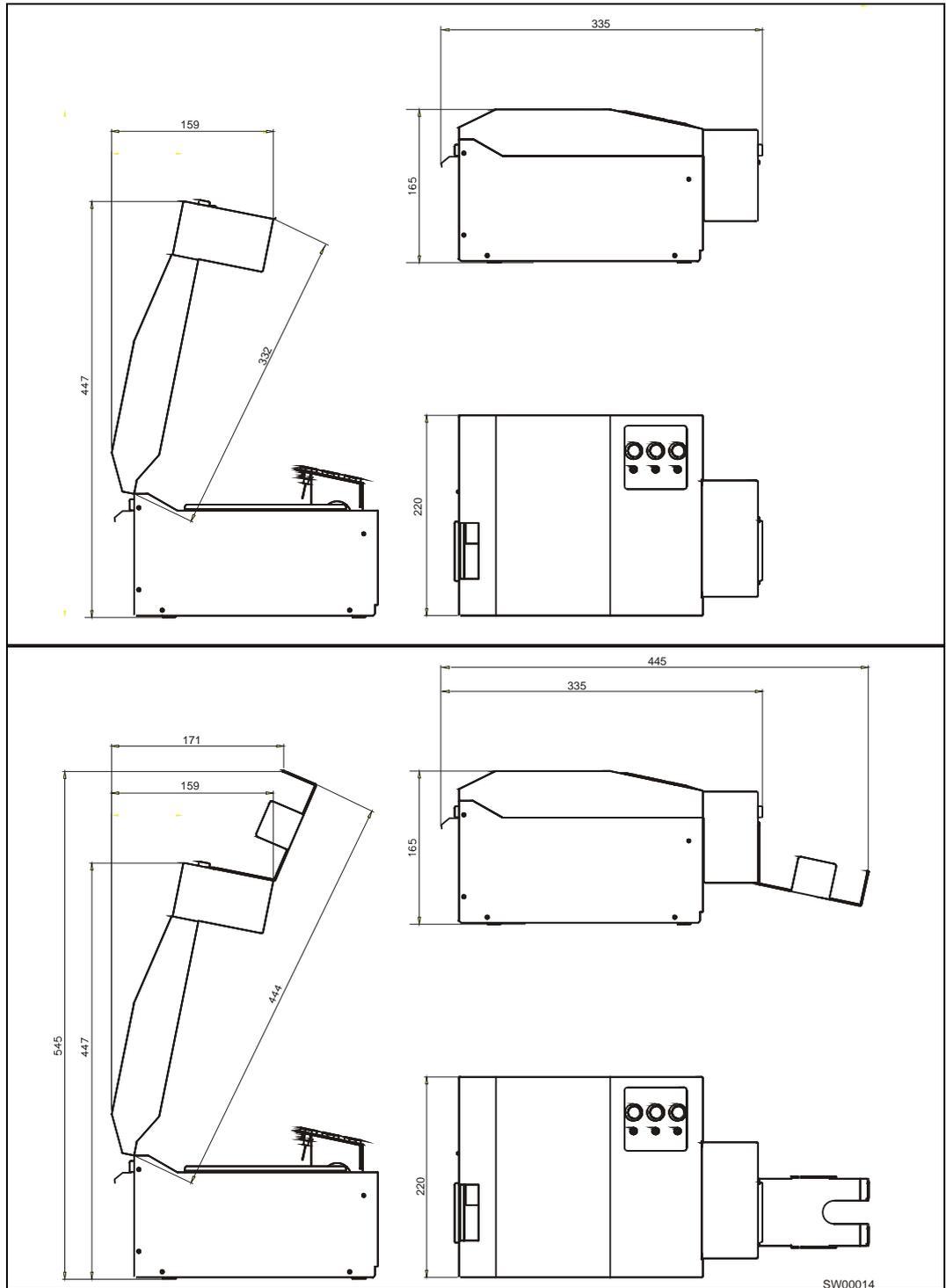


Figure 7 Approximate dimensions in mm of the Front load desktop printer.
Dimensions are given with and without output tray.

4.3

CD200 version

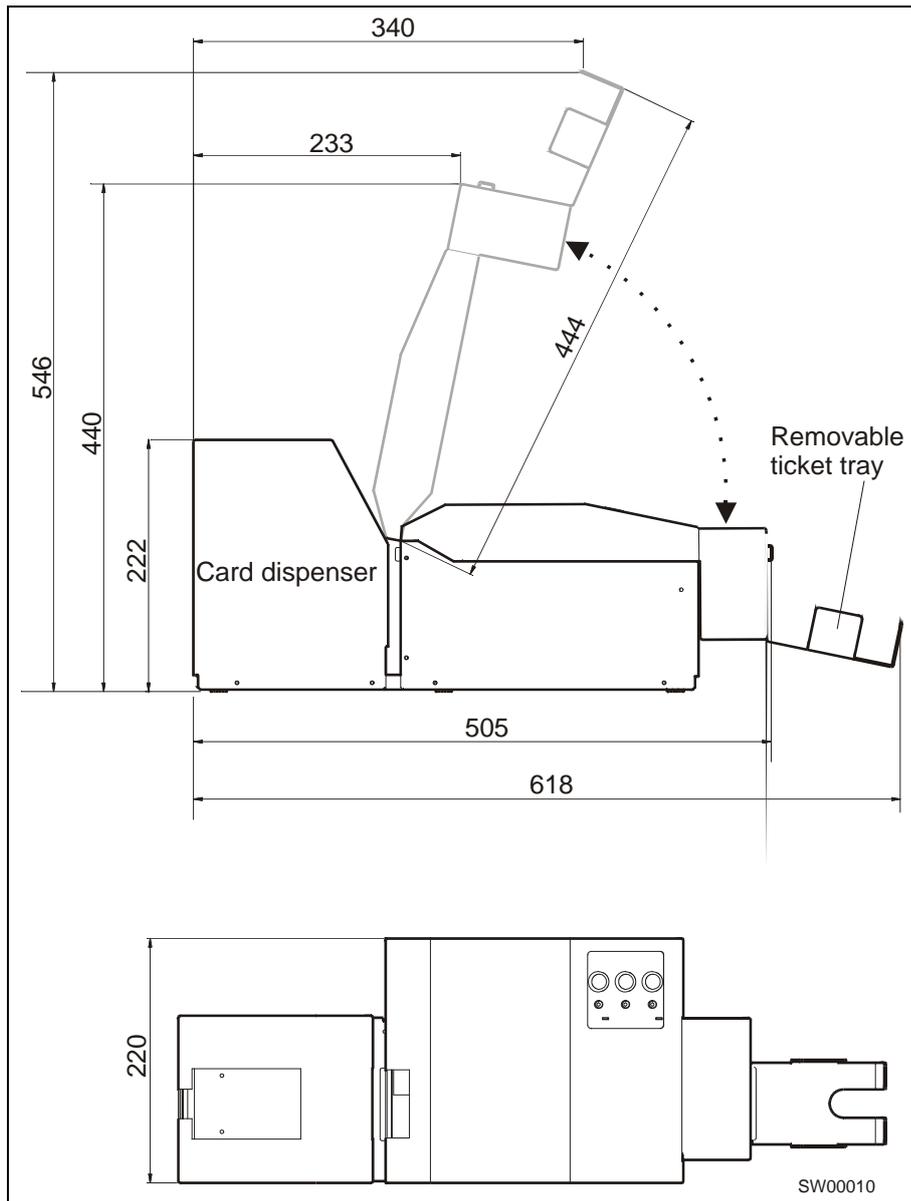


Figure 8 Approximate dimensions in mm of the CD-200 Front Load desktop printer . .

4.4

Space required around printer

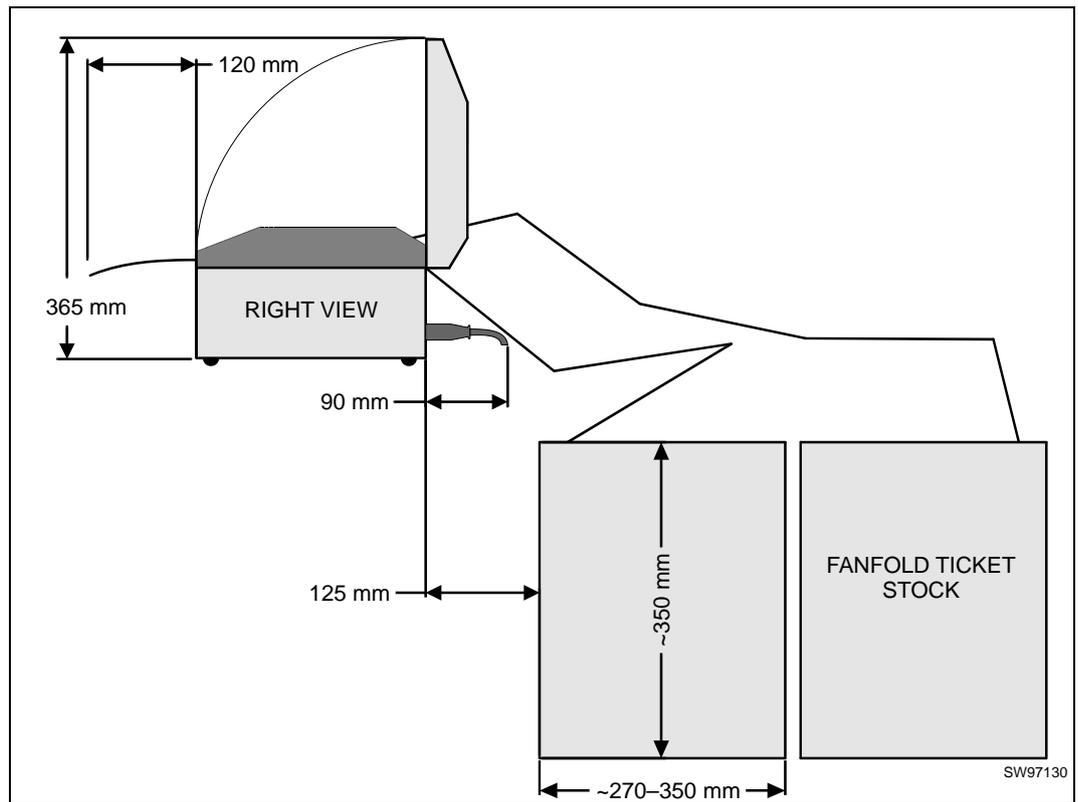


Figure 9. Approximate space required around the printer

Contacts

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