



Zebra ZD220t User Guide



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1 Introduction

The ZD200 series is one of the more basic and cost-effective series of desktop printers. It is recommended to use the **ZD220t** (Thermal Transfer) model when ordering.



Figure 1: ZD220t printer

2 Printer installation

It is recommended that the printer is installed by a technically skilled person.

For the initial installation and printer settings, follow the instructions on the official Zebra manufacturer website (<https://www.zebra.com/ap/en/support-downloads/printers/desktop/ZD200t.html>).

For easier use of the printer, video instructions are available for the following:

- description of printer functionalities,
- printer installation and settings,
- black ribbon loading,
- label insertion,
- label format calibration and
- cleaning the printhead.

On the website, you will also find the required ZDesigner drivers and manuals with detailed instructions for working with the printer.

3 Setting up the driver

Once the driver is installed, the settings must be customised before you start printing the labels. Go to **Control Panel** and select **Devices and Printers**. All available printers will be displayed. Select the printer *ZDesigner ZD220-203dpi ZPL* and right-click on it. In the additional options, select **Printing Preferences** (see Figure 2).

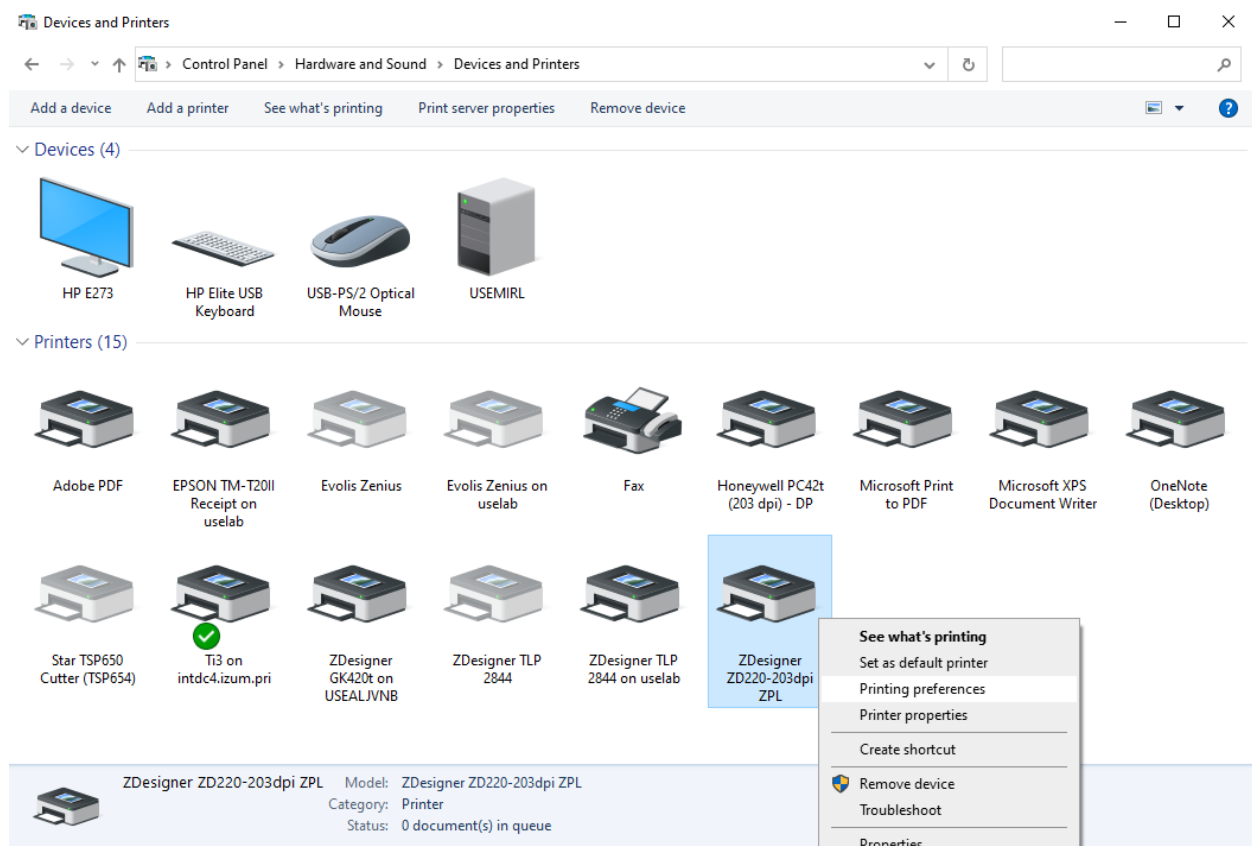


Figure 2: Control panel with printers and devices

Once you click the **Printing Preferences**, a new window will open where you set up the **Page setup** (see Figure 3). In the fields indicated in yellow, enter the width and height of the medium and/or label you will use.

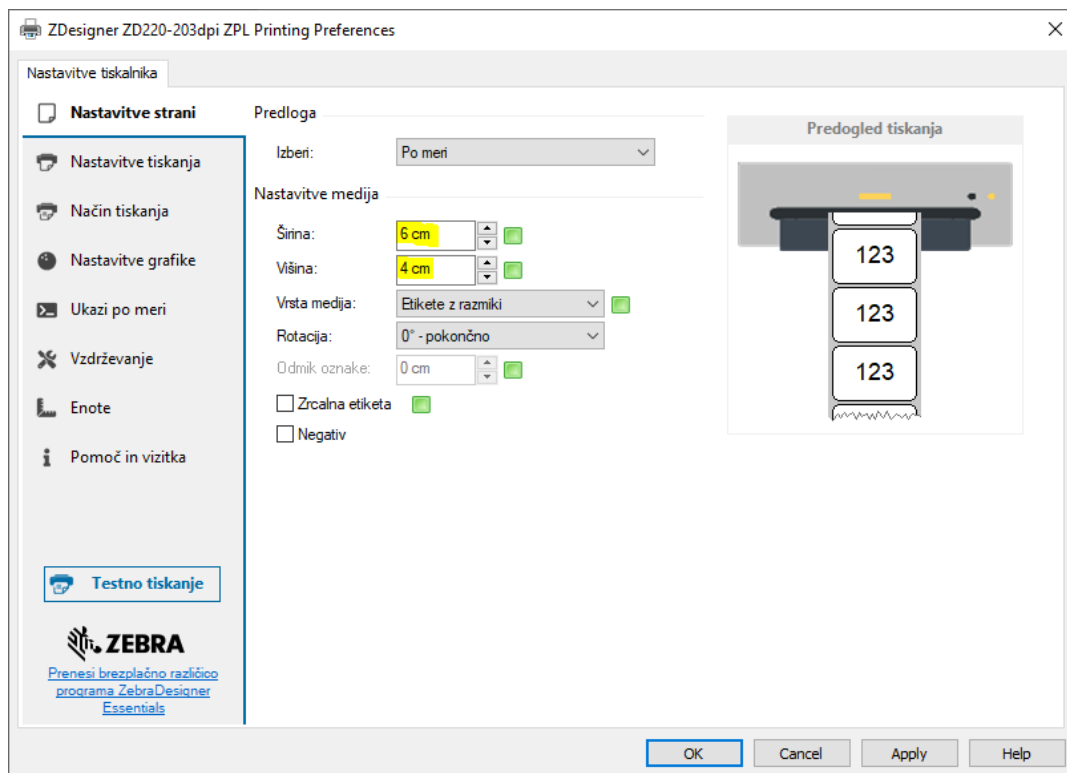


Figure 3: Page setup

Once you edit the **Page Setup**, select the **Printing Settings**, and adjust the temperature, check the printing mode, and, if necessary, change the offset (see Figure 4).

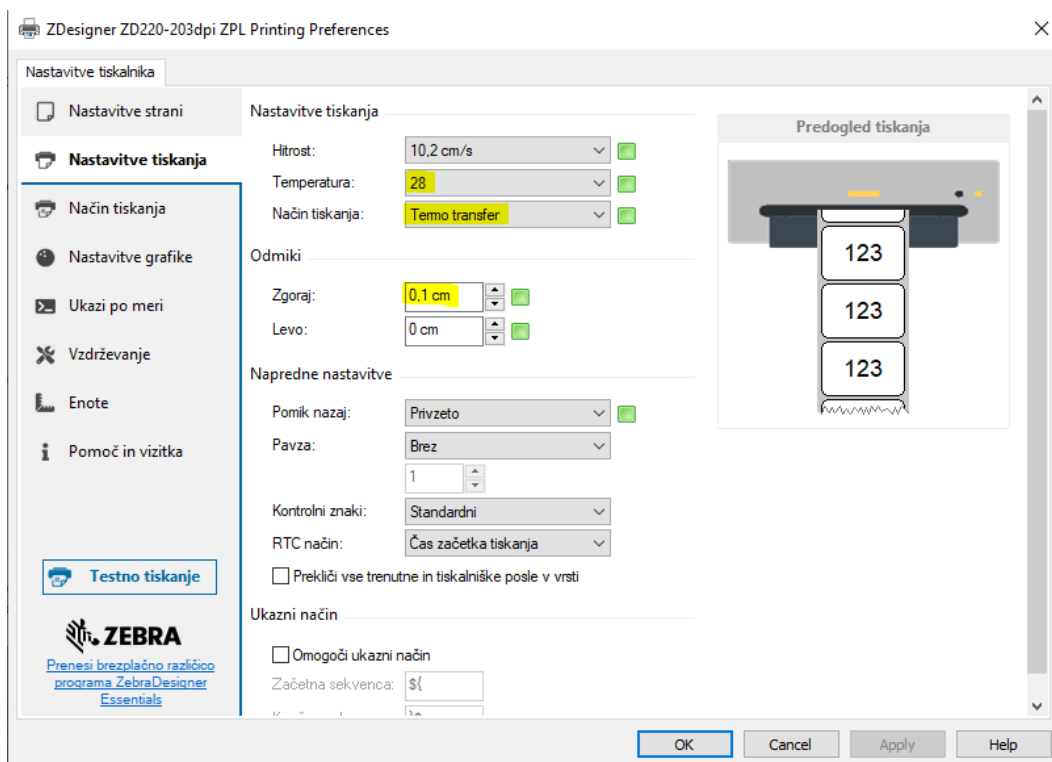


Figure 4: Printing settings

Finally, check the **Graphic settings**, where the slider under **Dithering** must be set to *Clipart* (see Figure 5).

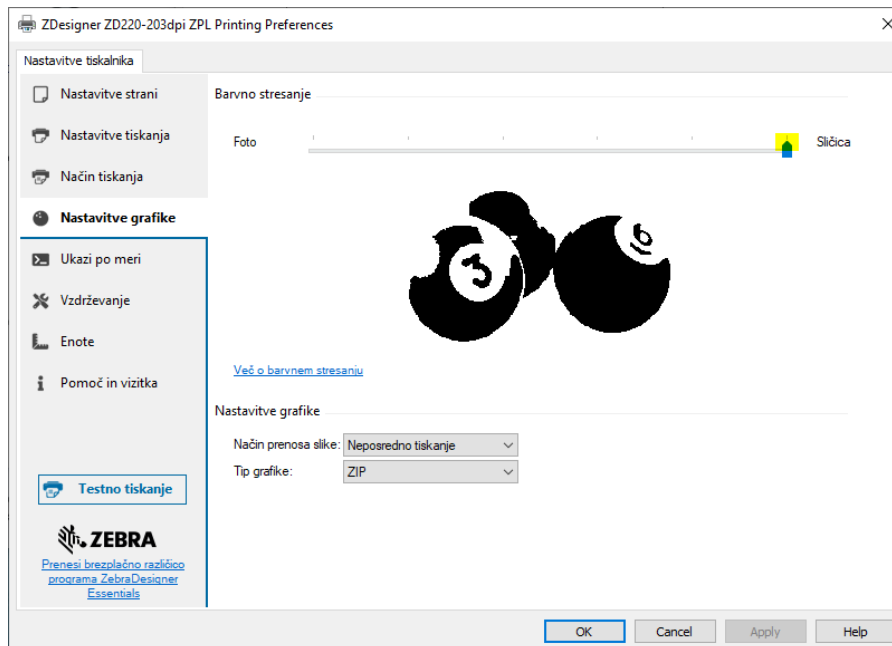


Figure 5: Graphic settings

4 Settings in the COBISS3 application

In COBISS3, select a printer for printing labels for the material in the logical destinations. Select **System / Settings / Logical destinations** (see Figure 6).

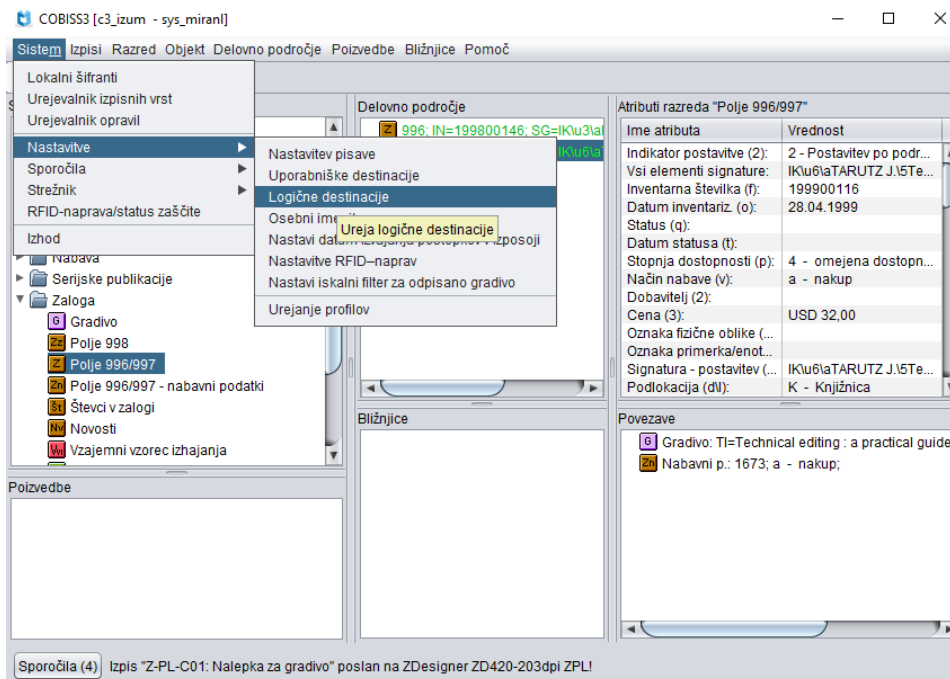


Figure 6: COBISS3 user interface

A new **Logical destinations editor** window will open in which you select *Label – material: [default local printer]* and click **Edit** (see Figure 7).

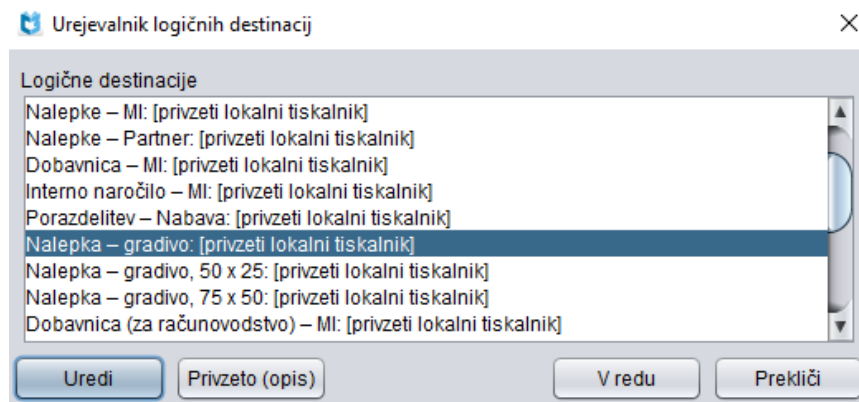


Figure 7: Logical destinations editor

The **User destinations** window will open in which you click **Add printer**. In the new window, select the printer *ZDesigner ZD220-203dpi ZPL* from the drop-down list which you intend to use to print labels for the material (see Figure 8).

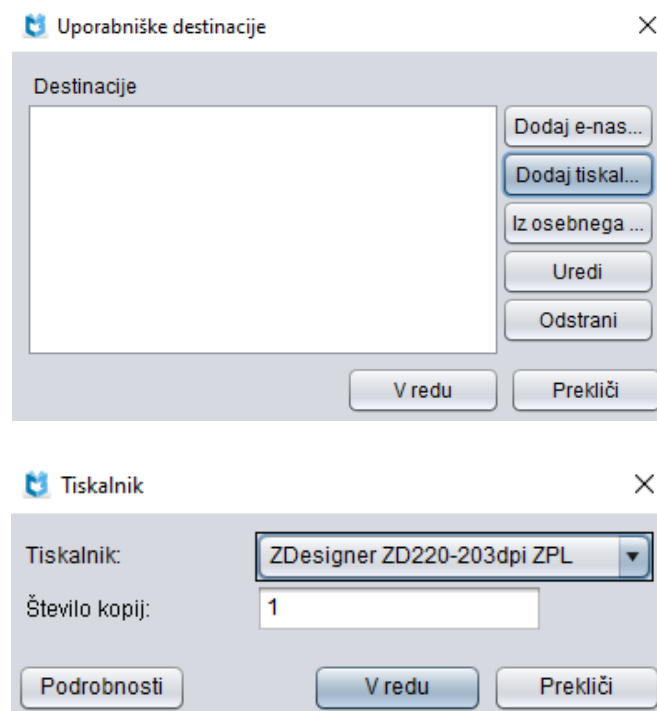


Figure 8: Logical destinations setting

Once you select the printer, click the **Details** button to check if these detailed settings are correct for this type of printer (see Figure 9).

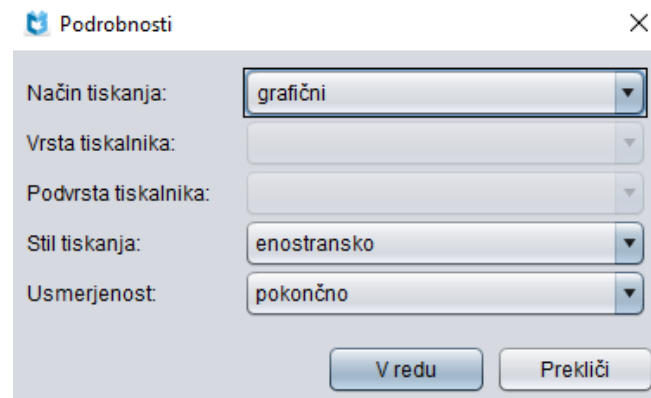


Figure 9: Detailed settings

When all the settings are configured, click the **OK** button to confirm each choice. At the end, in the **System** menu, select **Refresh settings** (see Figure 10). If this option is not available, refresh the newly configured settings by first logging out and then logging in to the COBISS3 software.

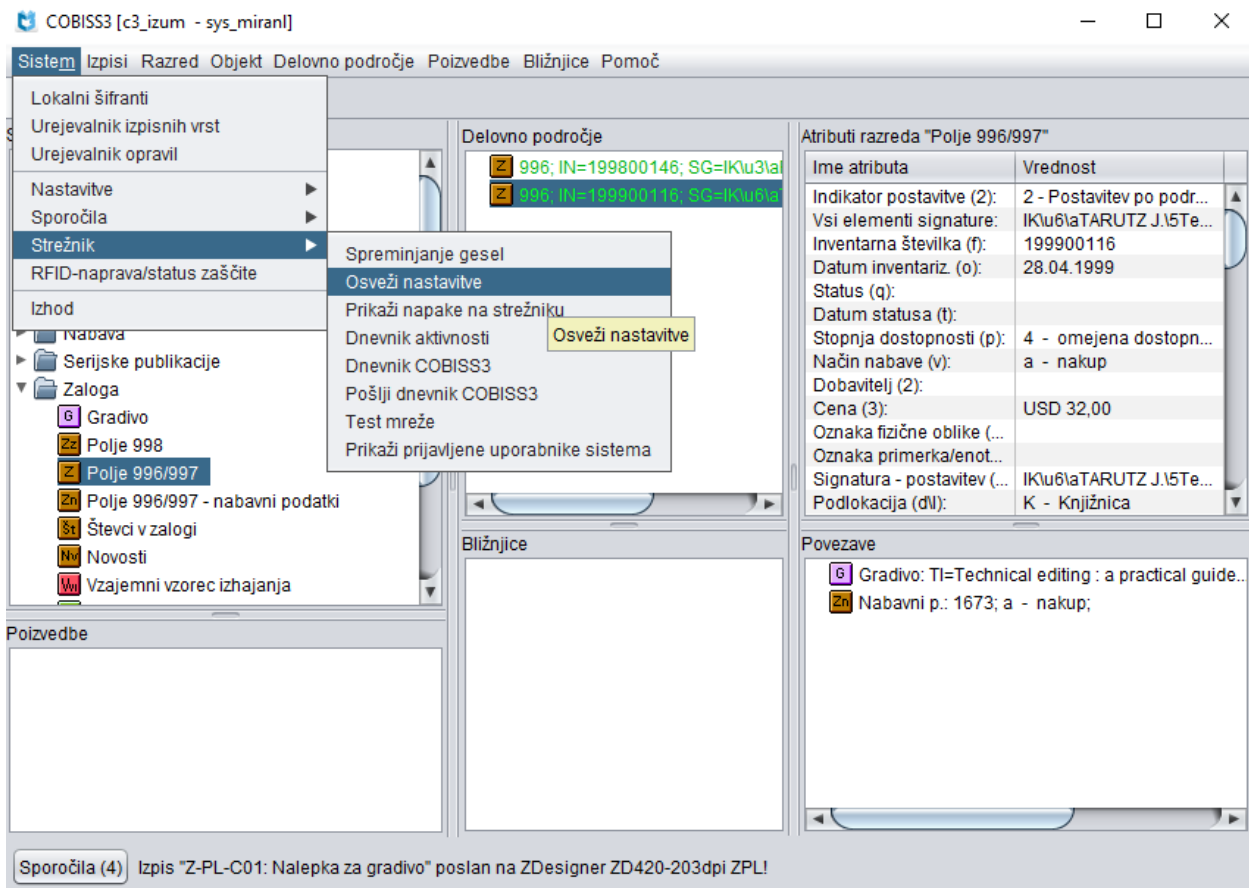


Figure 10: Refreshing settings in the COBISS3 user interface

Now, you can start printing labels for the material.

If you wish to use the same printer to print member labels, the procedure is the same as described in the previous steps, but the logical destination must be set to *Label – Loan (member)* (see Figure 11).

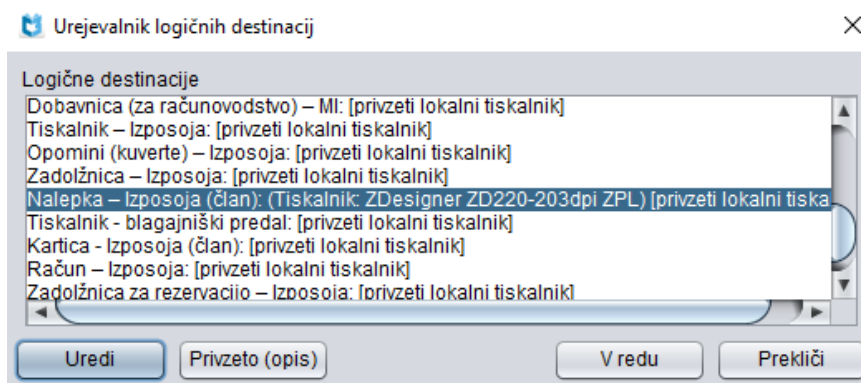


Figure 11: Logical destination editor for member labels

5 Potential printing problems

If the labels cannot be printed properly after installing the drivers and setting the logical destinations, firstly check if the printer responds in the operating system on which it is installed. In the **Control Panel**, select **Devices and Printers**. All available printers will be displayed. Select the printer *ZDesigner ZD220-203dpi ZPL* and double-click on it. In the additional options, select **Printing preferences**. A window will open, where you select **Print test page** on the bottom left side of the window (see Figure 12).

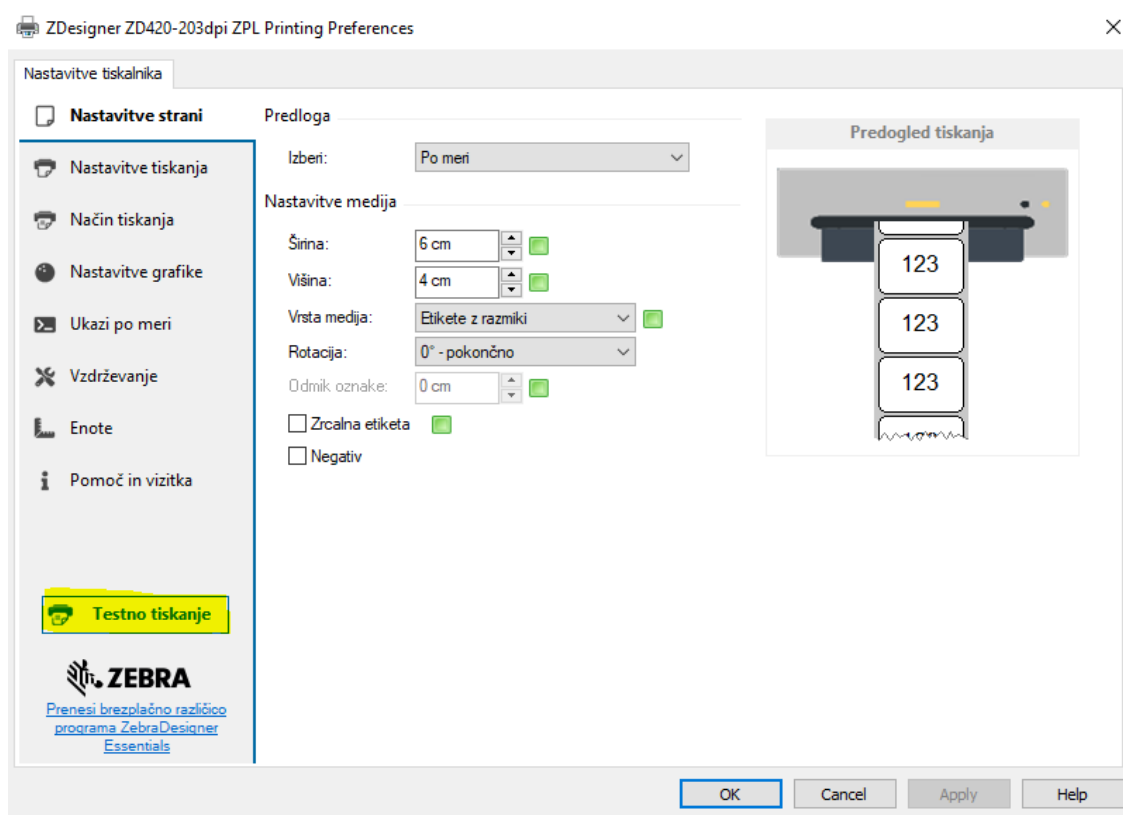


Figure 12: Printing test page

If the printer is installed correctly, a test label will be printed.

If the label content is shifted, try medium calibration with the printer drivers. During this procedure, the printer will automatically adjust the medium and the ribbon sensor to the label size. Select the **Calibrate** button from the **Maintenance** options (see Figure 13).

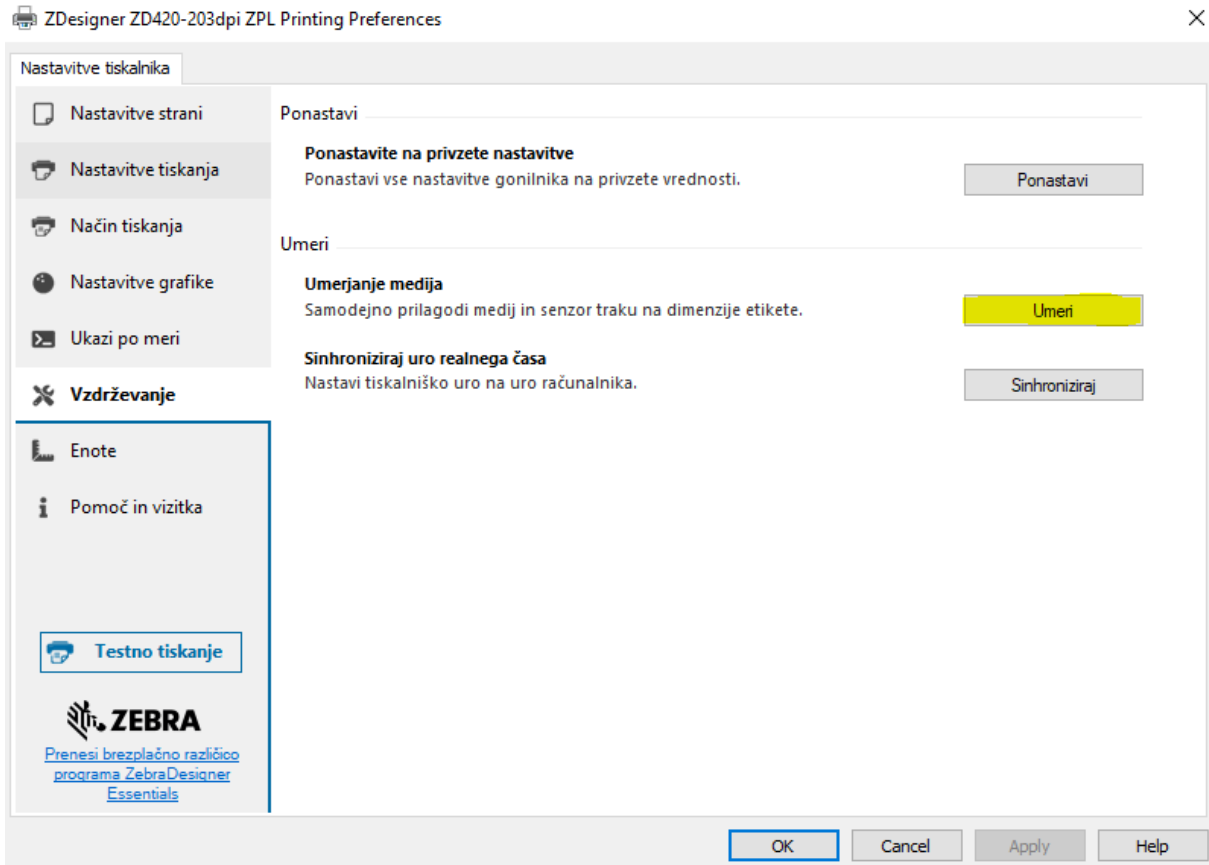


Figure 13: Medium calibration

During the calibration procedure, the printer will use three blank labels. Once the calibration procedure is complete, re-try printing the label.