

Manuals.plus /

› Eurannit /

› Eurannit 260E TIJ Inkjet Printer Instruction Manual

Eurannit 260E

Eurannit 260E TIJ Inkjet Printer Instruction Manual

Model: 260E | Brand: Eurannit

1. PRODUCT OVERVIEW

The Eurannit 260E Automatic Inkjet Coding Machine is a versatile and efficient tool designed to enhance productivity in industrial assembly lines. It features a 7-inch touch screen, supports multi-line printing, and offers various customization options for text, dates, images, QR codes, and barcodes. This printer is compatible with a wide range of materials and is built for stable and efficient operation in diverse environments.

Key Features:

- **Efficient Operation:** Maximum speed up to 60 m/min, with options for half/one inch nozzle, single or double printhead configurations. Supports external encoders for precise printing.
- **Original Ink Cartridges:** Includes 1 ER520 Quick Dry Ink Cartridge (black) for clear and sharp prints. Waterproof ink with 3-5s drying time. Seven different colors are available.
- **Intelligent Interface:** 7-inch touch screen with over 20 built-in languages. Allows direct editing of print content or import via U-disk. Supports multi-line printing, unlimited length, adjustable text font and size, and free layout design.
- **Wide Application:** Prints content up to 300 DPI, including text, dates, images, QR codes, and dynamic security barcodes on various surfaces like carton, metal, stone, fabric, glass, plastic, pipes, bottles, jars, and bags.
- **Advanced Configuration:** Equipped with a Cortex-A7 1.2 GHz dual-core processor and FPGA algorithm-accelerated chipset. Operates in temperatures 0-45°C and humidity 30-70% Rh, ensuring stable performance in challenging conditions.

2. WHAT'S IN THE BOX

The Eurannit 260E Inkjet Printer package includes the following components:

- 260E Inkjet Printer
- Optic Sensor
- 1 pcs Ink Cartridge (black)
- Bracket Accessories
- Groundline
- Touch Pen
- U Disk
- Operation Video Tutorials
- Technical Support Information

Application Scenarios



Image: Detailed view of all items included in the Eurannit 260E Inkjet Printer package, including the printer, cables, ink cartridge, and mounting accessories.

3. SETUP INSTRUCTIONS

3.1. Installing the Printer

Follow these steps to properly install your Eurannit 260E Inkjet Printer on a production line.

Your browser does not support the video tag.

Video: A detailed guide on how to install the Eurannit 260E printer, including mounting brackets and connecting components.

1. **Fixed Bracket A:** Secure the fixed bracket A to the conveyor belt using at least two of the four available holes on the base. Use the large size tools provided for this step.
2. **Fixed Bracket B and C:** Loosen the screws on fixed brackets B and C before installation to facilitate connection to the main bracket. Insert the metal rods into the clamps and tighten the screws.
3. **Fixed Connection Accessories:** Attach the fixed connection accessories to the printer body and the nozzle. Use the small size tools for these screws.
4. **Fixed Nozzles and Machine:** Securely attach the nozzle and the main machine body to the installed brackets. Ensure all connections are firm.
5. **Connect the Ground Wire:** Connect the yellow and green ground wire to the designated screw on the nozzle. Ensure a secure connection for safety.
6. **Connect the Cables:** Connect the cable that links the host (printer body) and the nozzle. Ensure the flat side of the connector is facing down when plugging in.
7. **Connect Power Cable and Adapter:** Connect the power cable to the adapter, then plug the adapter into the printer body.
8. **Fixed Photoelectric Bracket:** Attach the photoelectric sensor bracket to the main support structure. The position of this device is crucial and related to the Print Delay parameters.
9. **Install the Ink Cartridge:** Carefully insert the ink cartridge into the designated slot on the nozzle until it is securely in place.
10. **Adjust the Height:** Adjust the height of the nozzle. For printing on paper cards, lower the nozzle height. The optimal printing distance is 2-5mm from the item to be printed.

4. OPERATING INSTRUCTIONS

4.1. Screen Calibration

To ensure accurate touch response, calibrate the screen before use.

Your browser does not support the video tag.

Video: Steps to calibrate the 260E screen for optimal touch functionality.

1. From the main menu, tap "Config".
2. Navigate to "Screen" settings.
3. Tap the "Calibrate" button next to "Screen calibrate".
4. Follow the on-screen prompts to tap the "+" icons as they appear.
5. The machine will restart, and calibration will be complete.

4.2. Importing Images

You can import custom images (BMP format) to be printed by the machine.

Your browser does not support the video tag.

Video: Instructions on how to import new images to the 260E printer.

1. Connect a U-disk drive containing your BMP image file to the machine.
2. From the main menu, tap "File", then "Image list", and then "Import".

3. Select the desired image file from the U-disk and confirm the import.
4. Once imported, go to "Print", then "Edit", and select "Image".
5. Choose the imported image and adjust its size as needed.

4.3. Importing Fonts

Custom fonts can be imported to expand your printing options.

Your browser does not support the video tag.

Video: Guide on how to import new fonts to the 260E printer.

1. Connect a U-disk drive containing your font file (e.g., TTF, OTF) to the machine.
2. From the main menu, tap "File", then "Font list", and then "Import".
3. Select the desired font file from the U-disk and confirm the import.
4. Restart the machine to apply the new font.
5. After restarting, go to "Edit", select "Text", and then "Font" to choose your newly installed font.

4.4. Printing Test and Material Compatibility

The 260E printer can print on a variety of materials. Perform a test print to ensure proper setup.

Your browser does not support the video tag.

Video: Demonstration of the 260E printer's capability to print on various materials.

To start printing:

1. Connect the power supply and turn on the machine.
2. Start the conveyor belt.
3. From the main menu, tap "Print" and then "Start" to begin printing.

The printer is suitable for materials such as:



Image: Various materials compatible with the Eurannit 260E Inkjet Printer.

5. MAINTENANCE

5.1. Ink Cartridge Installation and Removal

Proper handling of the ink cartridge is essential for optimal performance and longevity of the printer.

Your browser does not support the video tag.

Video: Demonstrates the correct procedure for installing and removing the ink cartridge.

1. **Installation:** Gently slide the ink cartridge into the designated slot on the nozzle until it is securely in

place.

2. **Removal:** Carefully pull the ink cartridge out of the slot.
3. **Storage:** When not in use, always place the protective cover on the ink cartridge to prevent drying and clogging.

6. TROUBLESHOOTING

If you encounter any issues with your Eurannit 260E Inkjet Printer, please refer to the following general troubleshooting tips:

- **Poor Print Quality:** Check the ink cartridge for sufficient ink levels. Ensure the nozzle is clean and free from clogs. Verify the printing distance (2-5mm is optimal).
- **Printer Not Responding:** Check all cable connections, including power, nozzle, and sensor cables. Ensure the machine is powered on.
- **Touch Screen Issues:** Perform a screen calibration as described in Section 4.1.
- **Import Errors:** Ensure your U-disk is properly formatted and the image/font files are in the correct format (BMP for images, TTF/OTF for fonts).

For more detailed troubleshooting or persistent issues, please contact Eurannit technical support. Operation video tutorials are also available for common procedures.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	1.3 x 4.61 x 8.07 inches
Item Weight	7.19 pounds
Item Model Number	260E-1 Nozzle-1 in
Manufacturer	Eurannit
Ink Color	Black (other colors available)
Page Yield	250
Special Feature	Portable
Compatibility Options	OEM
Ink Base	Water
Number of Items	1 (printer unit)

Packing List



Ink cartridge tools



P260 TIJ printer



Fiber optic sensor



Nozzle link cable



Tools



Cross mounting block



30V 30A Power adapter



Stainless steel tube



Bracket mounting base



Mounting block accessories



USB Disk



Aluminum alloy print head ground wire connection



Package

Image: Detailed view of the Eurannit 260E printer's dimensions and port configurations.

8. WARRANTY AND SUPPORT

Eurannit provides comprehensive technical support for the 260E TIJ Inkjet Printer. For any inquiries, technical assistance, or warranty claims, please refer to the contact information provided in your product packaging or visit the official Eurannit website.

The product comes with a standard return policy of 30 days for refund or replacement, as per Amazon's policy. For specific warranty details, please consult the documentation included with your purchase.



Image: Guide on how to contact Eurannit support via Amazon.