

Industrial Inkjet Coding Printer


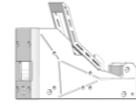
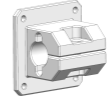
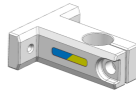
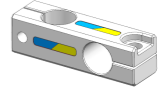
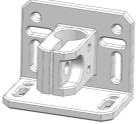

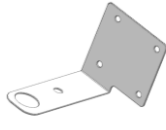





















Quick Installation Guide



* This document is a quick installation guide only. For the complete and detailed operating instructions, please refer to the electronic version of the User Manual stored on the USB drive included in the package.

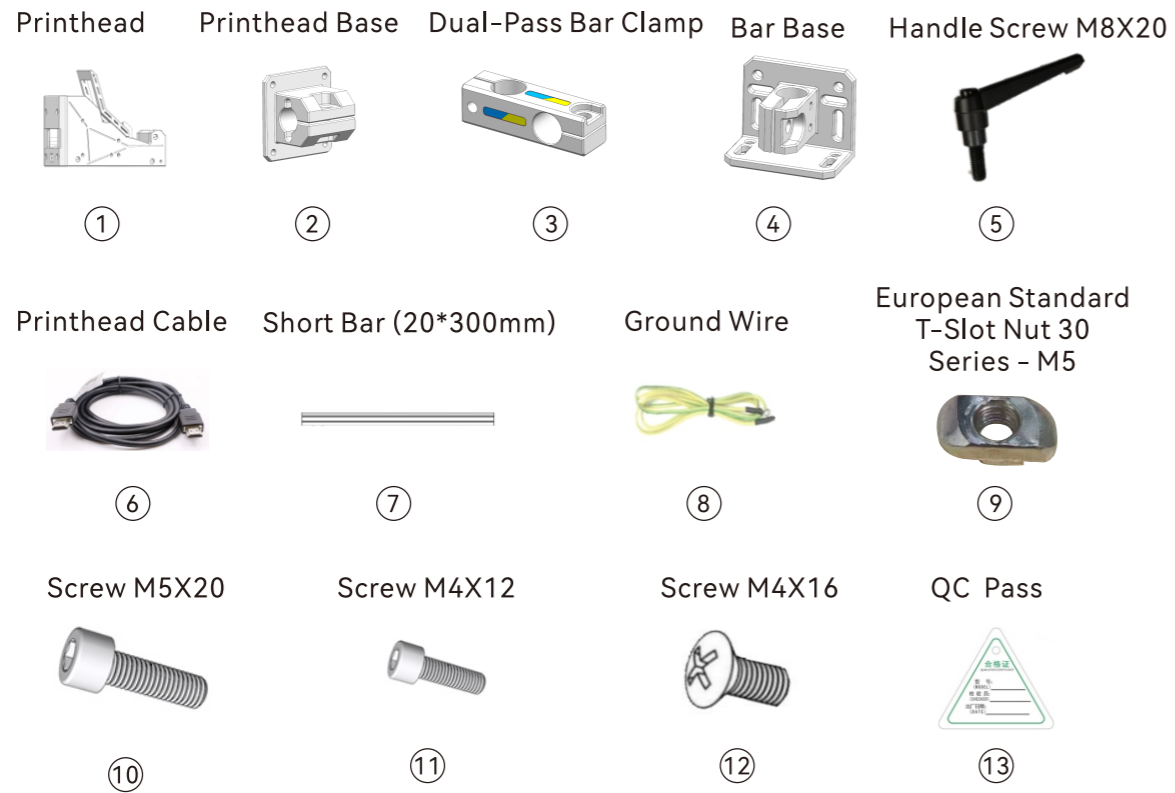
Components Rereference (Controller Box)

The number of available components depends on the printer model. Please refer to the specific packing list.

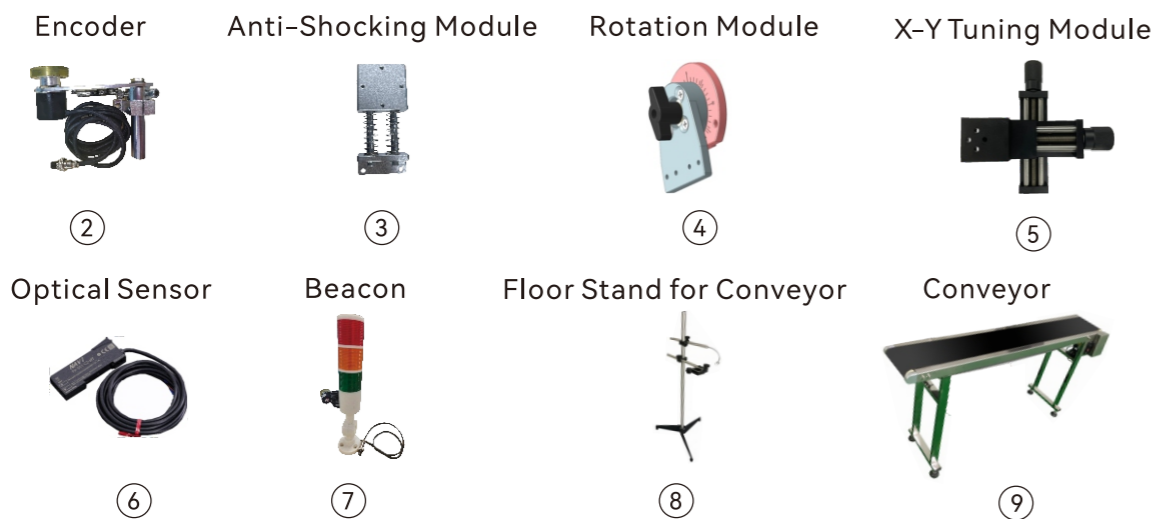
Controller  ①	Printhead  ②	Controller Base  ③	Printhead Base  ④	Dual-Pass Bar Clamp  ⑤	
Bar Base  ⑥	Handle Screw M8X20  ⑦	Optical Sensor Mount  ⑧	M4/M5/S5 Hexagon Spanner  ⑨		
Printhead Cable  ⑩	96W Power Adapter  ⑪	Power Cord  ⑫	Screen Pen  ⑬	Optical Sensor  ⑭	
USB  ⑮	Long Bar (20*380mm)  ⑯	Short Bar (20*300mm)  ⑰	External Sensor Guide Tube (250mm)  ⑱		
Ground Wire  ⑲	European Standard T-Slot Nut 30 Series - M5  ⑳	Screw M5X20  ㉑	Screw M4X12  ㉒	M6 Flange Nut (Black)  ㉓	
Screw M4X16  ㉔	Screw 3MX6  ㉕	Screw M3X10  ㉖	QC Pass  ㉗	Dual Printheads Plate  ㉘	Quad Printheads Plate  ㉙

Components Reference(Printhead Box)

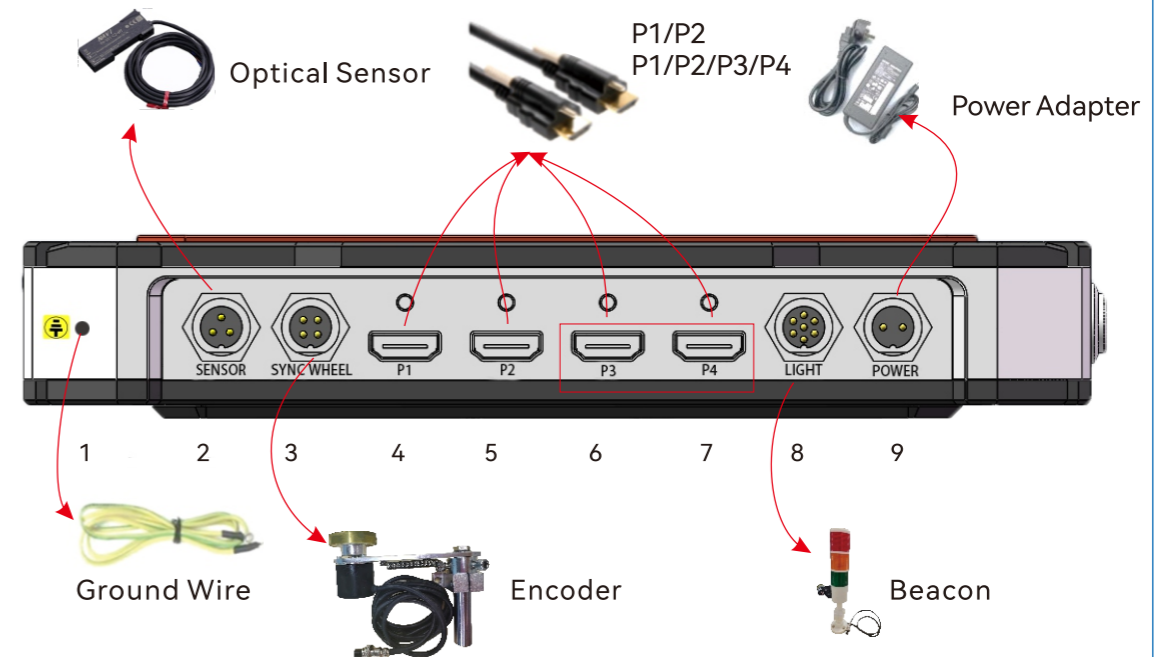
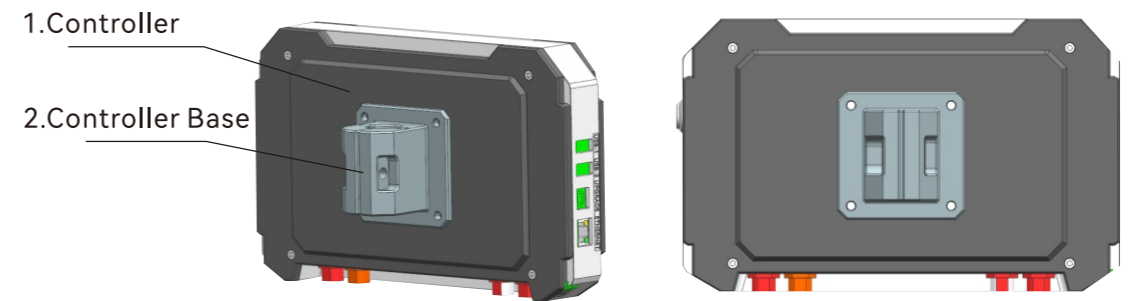
The number of available components depends on the printer model. Please refer to the specific packing list.



Optional Components Reference



Controller Assembling



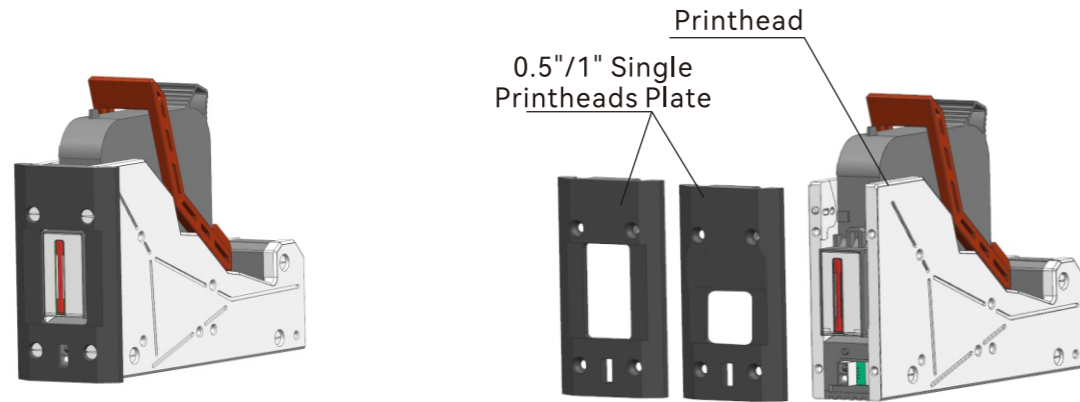
- 1—Ground Wire Port
- 2—Optical Sensor Port
- 3—Encoder Port
- 4/5/6/7—P1/P2/P3/P4 Port
- 8—Beacon Port
- 9—Power Adapter Port

The number of available printhead ports is subject to the printer models.

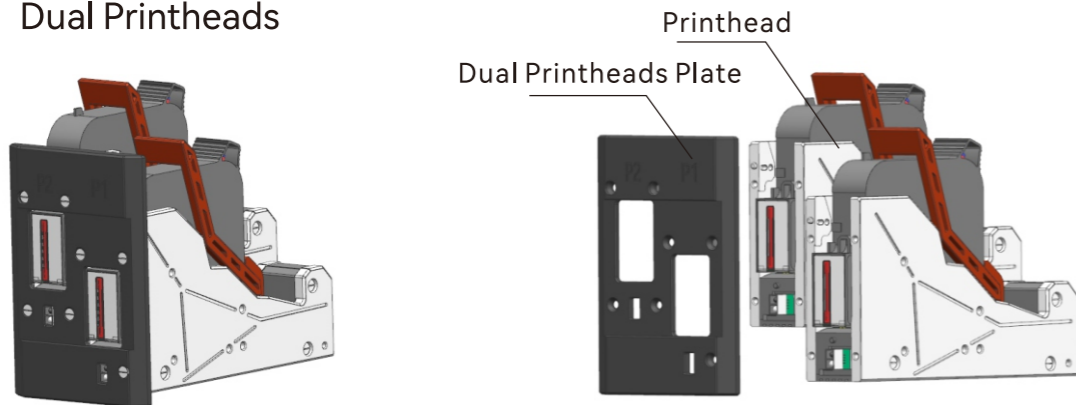
- Connect the printhead cables:** Attach the cables to the controller and printheads by matching the numbers (P1, P2, P3, P4). Secure them with screws.
- Connect other components:** Attach the external sensor, power adapter (optional encoder and beacon) to their matching ports on the controller.

Printhead Assembling

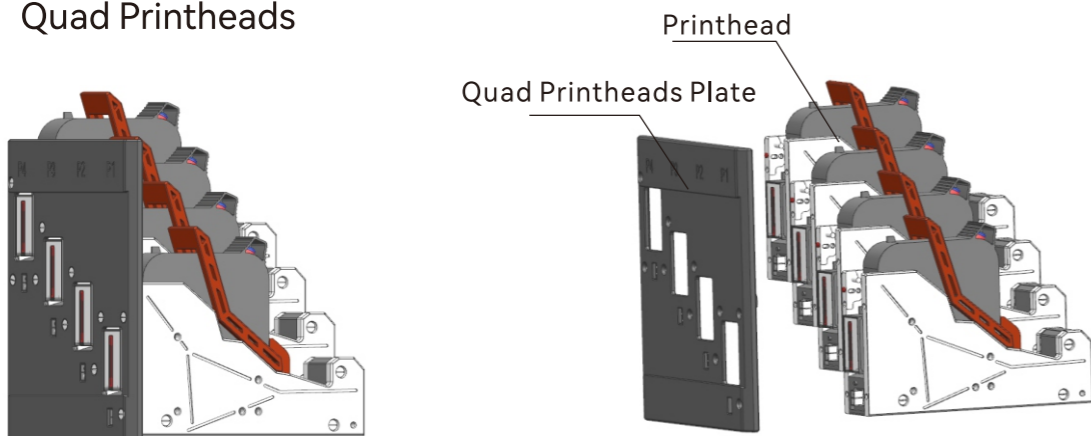
Single Printhead



Dual Printheads



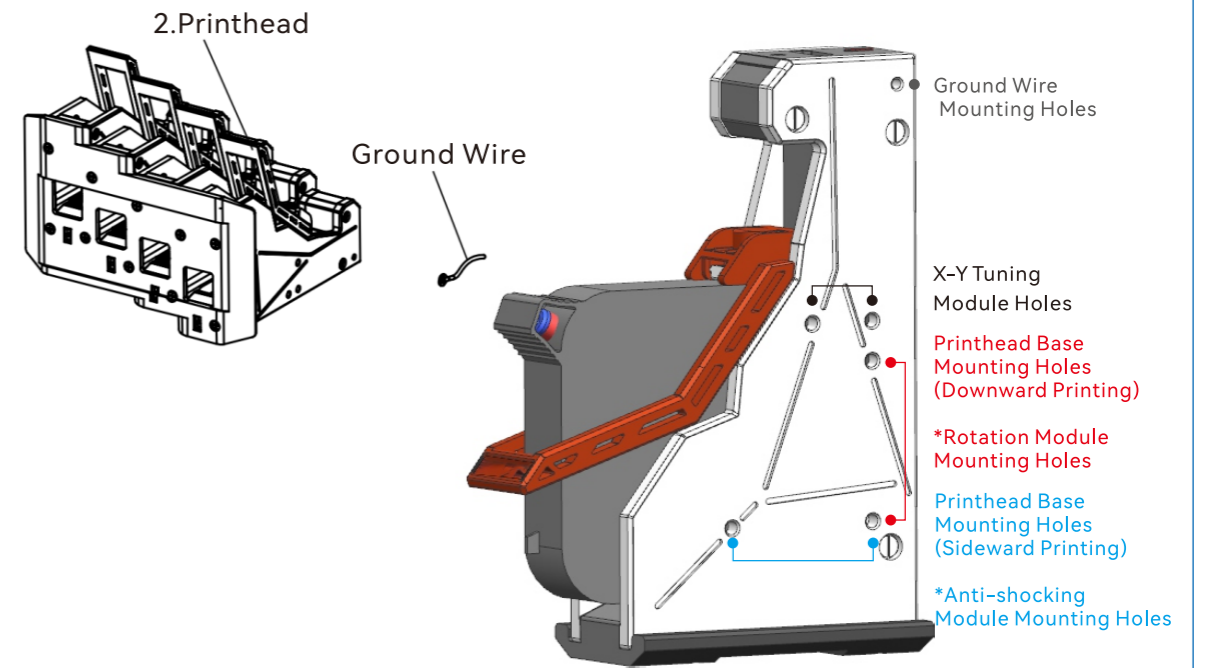
Quad Printheads



👉 The Printheads Plate are marked with the number P1/P2/P3/P4 respectively. Assemble them accordingly.

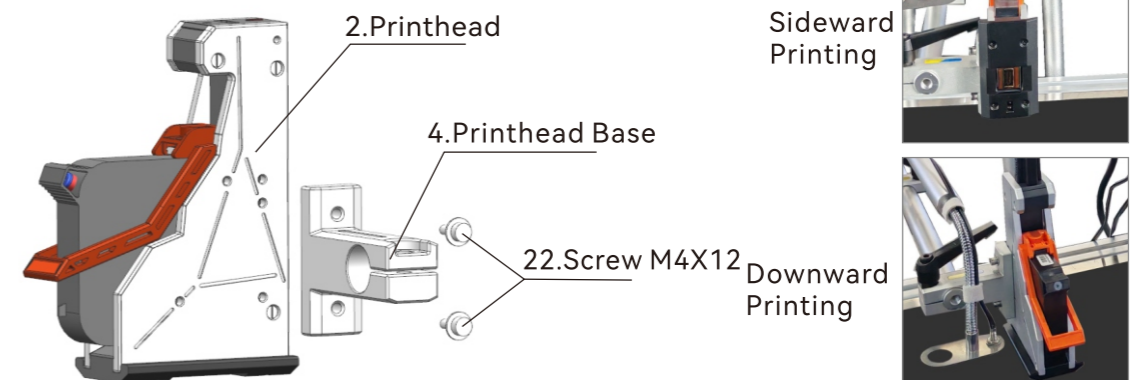
Printhead Assembling

Mounting Holes on Printheads



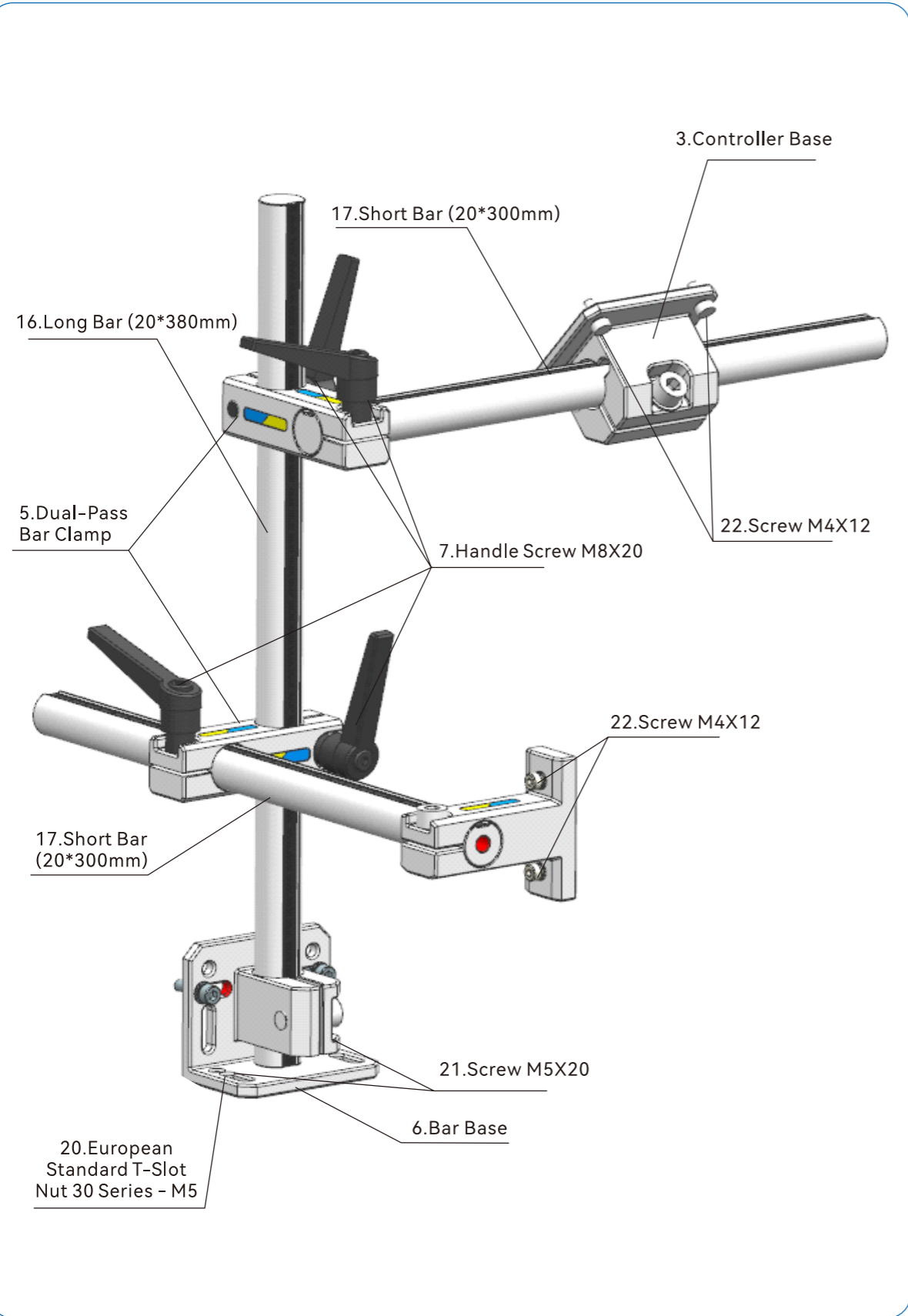
👉 When the rotation module is needed for installation, first attach the printhead base to the rotation module.
 When the anti-shocking module is needed for installation, first attach the printhead base to the anti-shocking module.

Printhead Base Assembling

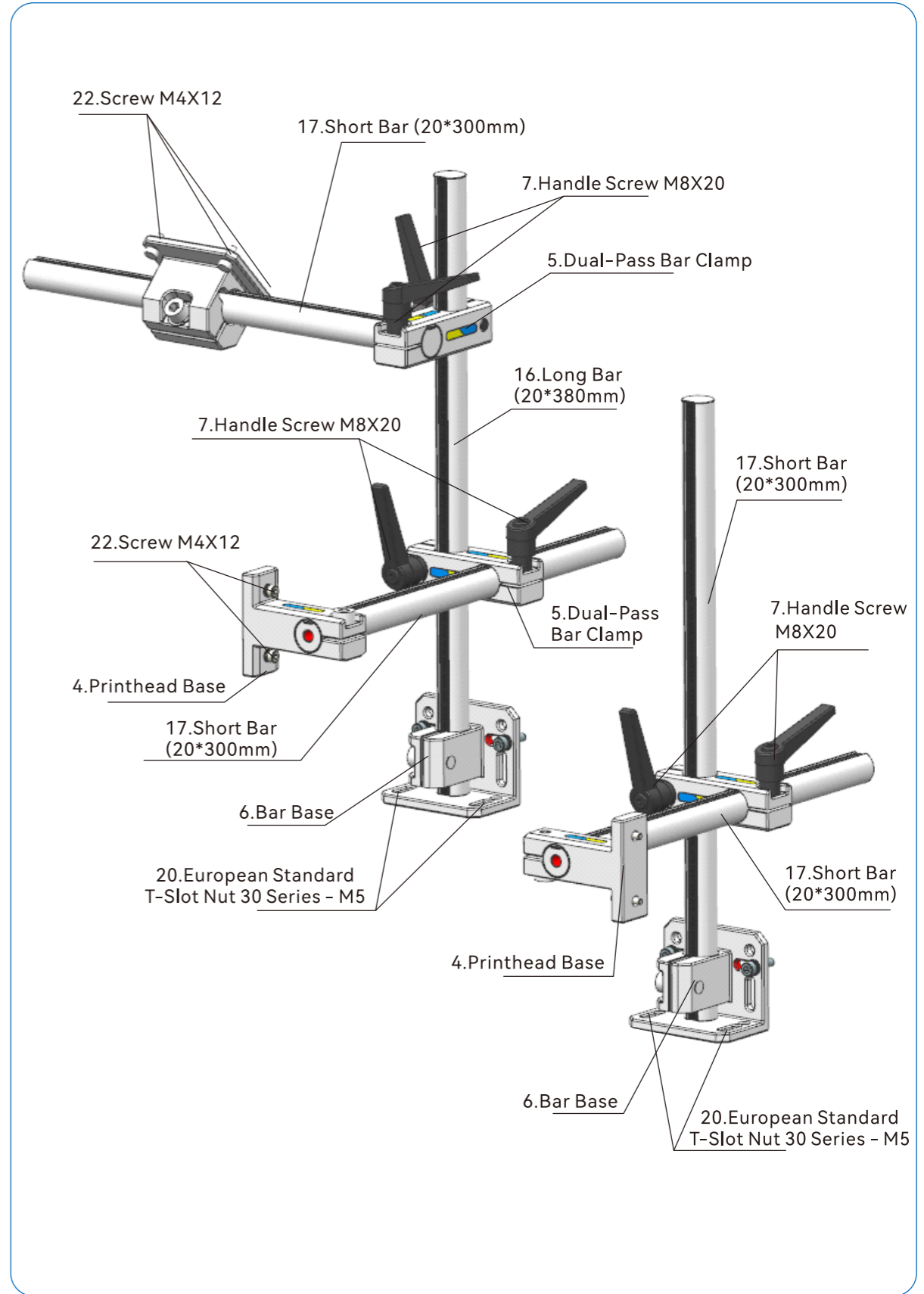


👉 When installing the printhead(s), downward and sideward are optional based on your actual needs.

Sideward Printing Bracket Assembly Reference (Single Printhead)

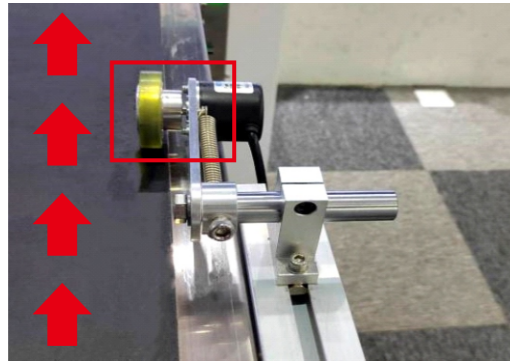


Sideward Printing Bracket Assembly Reference (Multiple Printheads, Separated)



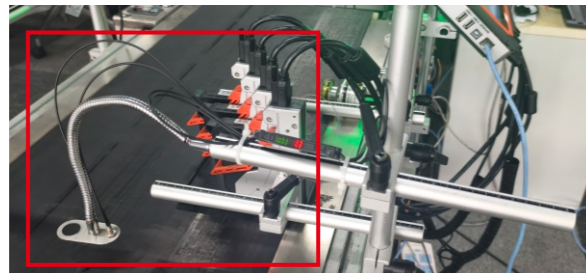
Encoder/External Sensor Assembling Reference

Encoder Assembling



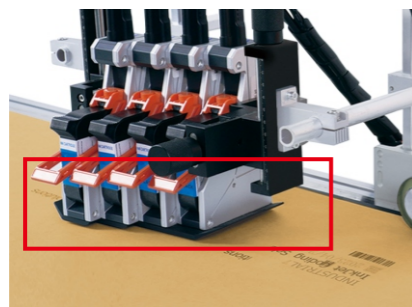
The encoder wheel should be in close contact with the conveyor belt.

External Sensor Assembling



The distance between the sensor and print object should be between 10mm and 200mm.

Printhead Assembling



The required distance between print head Nozzles to print objects(Ink throw distance) is 2-5mm.

Printer Assembling Reference



Downward Printing
(Single Printhead)



Sideward Printing
(Single Printhead)



Downward Printing
(Dual Printheads)

Printer Assembling Reference



**Sideward Printing
(Dual Printheads)**



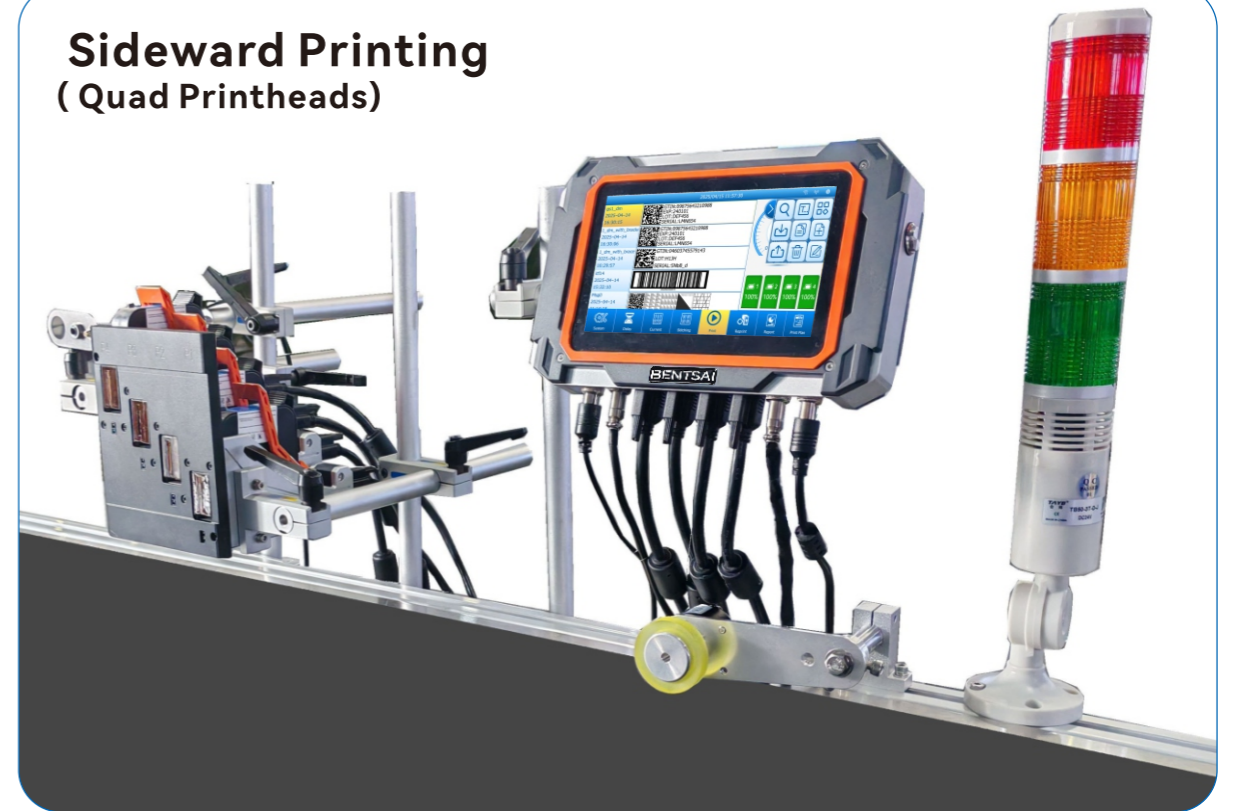
**Sideward Printing
(Dual Printheads-Separated)**



**Downward Printing
(Quad Printheads)**

Printer Assembling Reference

**Sideward Printing
(Quad Printheads)**



Important

1. Do not plug or unplug the connection cable while the printer is powered on.
2. To ensure the best printing results, we recommend using original ink cartridges and accessories.

Using non-original ink cartridges and accessories may cause printer malfunctions and poor print quality, which are not covered under warranty.

3. Equipment failures caused by not following this manual are not covered under the product warranty.

Safety Instructions

1. After powering on the printer, there is high voltage inside. Do not perform maintenance or disassembly unless you are professionally trained and authorized, to avoid accidents.
2. Do not store ink cartridges in direct sunlight or at high temperatures (above 35°C), as this will affect the print quality and shelf life of the ink.
3. If ink accidentally splashes into your eyes or onto your skin, rinse immediately with clean water and seek medical advice promptly.