Advanced and optimized design of the print head allows fast and easy integration of TJX Series into any production line.

Powered with unique cartridge protection, the United Barcode Systems TJX Series printer can be adapted even to the most complicated production line area for printing on the product.

Ultimate electronic structure design allows creating and controlling fix and variable messages in real time printing processes at a very high speed and capacity.

TJX Series control unit with user-friendly graphic interface showing status, message name, quantity and cartridge ink level.

United Barcode Systems technological ink for Thermal Inkjet is developed for printing on porous and non-porous surfaces, such as glass, plastic materials, treated substrates, paper, carton, wood and metal among others.

Designed mainly to be used in Food & Beverage, Pharmaceutical, Cosmetic and Automotive Industries, ink cartridges, manufactured by United Barcode Systems, are passing through strict internal quality control and are traced during the lifetime of each unit.

UBS Designer software with simple graphic WYSIWYG interface to create and edit messages with multiple options, allows creating and printing texts, images, logos in just few clicks.
## Technical features

**DESCRIPTION**  | Thermal Inkjet Printer  
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**POWER SUPPLY**  | External module INPUT 110v / 240v | 50-60Hz | 10W  
**TEMPERATURE**  | From 5°C up to 40°C (41°F up to 104°F)  
**HUMIDITY**  | From 5% up to 85% non-condensed  

### Consumable

**INK TYPE**  | Water based and Solvent  
**COLORS**  | Black. Other under request.  
**FORMAT AND VOLUME**  | Ink cartridge 40 ml  

### Printing module features

**PRINTING HEIGHT**  | Up to 12.7 mm (0.5 in)  
**PRINTING SPEED**  | Up to 120 m / min (up to 393 ft / min) | Solvent based Ink  
| Up to 90 m / min (up to 295 ft / min) | Water based Ink  
**DIMENSIONS LxWxH**  | Printer (130x26x104mm) , Control Unit (120x31x120mm)  
**RESOLUTION**  | 300 dpi / 900dpi (Horizontal Resolution)  
| 300 dpi / 600dpi (Vertical Resolution)  
**DISTANCE TO PRINTING SURFACE**  | Max 3mm (max 0.12 in) (depending of speed and Ink type)  
**BARCODES**  | GS1-128, GS1-DATAMATRIX, EAN-UCC 13, PHARMACODE, etc…  
**DATA**  | Fixed or variable text (BB date, counters, Batch Number formulas… etc.) logos, images…  
**OPTIONS & ACCESSORIES**  | External encoder kit and external alarm beacon  

### Control Unit features

**DISPLAY**  | 1,7" screen for printer status view  
**CONNECTIVITY**  | 1 USB x 1 RJ45  
**SOFTWARE LABEL DESIGN**  | UBS Designer Lite and UBS Designer Pro  

### Connection

- Ethernet
- USB

According to UBS internal policy of continuous improvement, our products specifications are subject to change without notice.