

## **Indiana Correctional Industries Label Printing Project Label Printer on Roll and Label Finisher Specifications**

The label printer and the label finisher must meet the following minimum specifications or claim their specification is equal. Indiana Correctional Industries will have the final say if a specification marked is equal or not equal

- **Printer Specifications**
  - Printing Color: CMYK single print head
  - Printing Resolution: 1600 x 1600 dpi
  - Printing Speed: 69 feet per minute
  - Max Media Width: 330 mm
  - Max Printing Width: 324 mm
  - Max Roll Diameter: 500 mm
  - Core Size: 76 mm
  - Minimum Substrate Thickness: 0.05 mm
  - Maximum Substrate Thickness: 0.35 mm
  - Material Support: Coated Paper, PP, PET, PVC, BOPP, Mylar, Tyvek, etc.
  - Ink Capacity: Minimum 2L CMYK Tank up to 10L CMYK tank
  - Printing Platform: High Durability Pigmented Aqueous Inkjet
  - Operating Temperature: 68-86 F (20-30 C), Relative Humidity 30-50%
  - Storage Temperature: 50-104 F (10-40 C), Relative Humidity 65%
  - Dimension (L x W x H): 1825 x 1425 x 1471 mm
  - Power Requirements: Three Phase 220V / 400 V
  - Air source Requirements: 6 Bar
  - Black Mark Sensor
  - Automated Edge Guide
  - Inline Splicing Station with Grippers
  - Servo Driven Unwind/Rewind
  - Easy to Use Touch Screen Panel
  - Minimum One Year Warranty & Extended Warranty Available
  - Printing system must be able to take JPEG and/or PDF files for label designs
- **Label Finisher Specifications**
  - Maximum Roll Diameter: 450 mm
  - Maximum Label Width: 320 mm
  - Maximum Label Length: 400 mm (Segmentation cut reach to 1200 mm)
  - Minimum Label Length: 10 mm
  - Maximum Die Cutting Speed: 6 m per minute
  - Slitting Width: 10-310 mm
  - Slitting Blades: Minimum 4, maximum 15
  - Cutting Mark Track Code: No mark, Single Mark & Double Mark

- Slitting Speed: 100 m per Minute
- Power Requirement: Single Phase 220V
- Dimension (L x W x H): 1700 x 1150 x 1570 mm
- Cold Lamination
- Automatic Web Guide
- Splicing Table
- Vacuum Table
- Feeding Detection System
- Black Mark Sensor
- Minimum One Year Warranty & Extended Warranty Available
- General Specifications
  - Must be able to provide on-site setup of equipment and training at the Wabash Correctional Facility
  - Must be able to provide on-site training Graphics Designer at ICI central office
  - Must include extended warranty of 1 year on the equipment