

High Resolution Printer with Material Handling System

CONFIGURATION DESCRIPTION

Paragon's Print System combines a high resolution printer with a material handling system for variable printing applications such as card personalization, card decoration, direct mail, and promotional products.

The printer is a Konica Minolta DOD high resolution printer. This printer has a standard resolution of 360 x 360 dpi. It is capable of both a single color print or a four color process print (CMYK). The types of ink used in the system are application dependent and the choices include UV cure, solvent based, and water based inks. The print widths come in 72mm increments up to a maximum of 244mm.

Paragon's material handling system combines a friction feeder with a vacuum transport. Vacuum conveyance ensures that media is presented consistently past the ink jet printer for a high quality finished product. Paragon's standard system is capable of speeds up to 500 feet per minute or 30,000 pieces per hour dependent upon the media.



PRINTER SPECIFICATIONS

- **Printheads:**
 - 72mm width printheads. The printhead can be supplied with 6pl, 14pl or 42pl nozzles dependent upon the application.
 - Binary or grayscale selectable.
 - Speed is dependent upon the resolution required.
- **Ink Supply System:**
 - Pumped ink supply system with vacuum control valves and easy to change ink supply.
 - Ink management control board.
 - The system utilizes 1 liter ink bottles.
- **Software**
 - Front end software for layout of variable print fields and data interfacing.

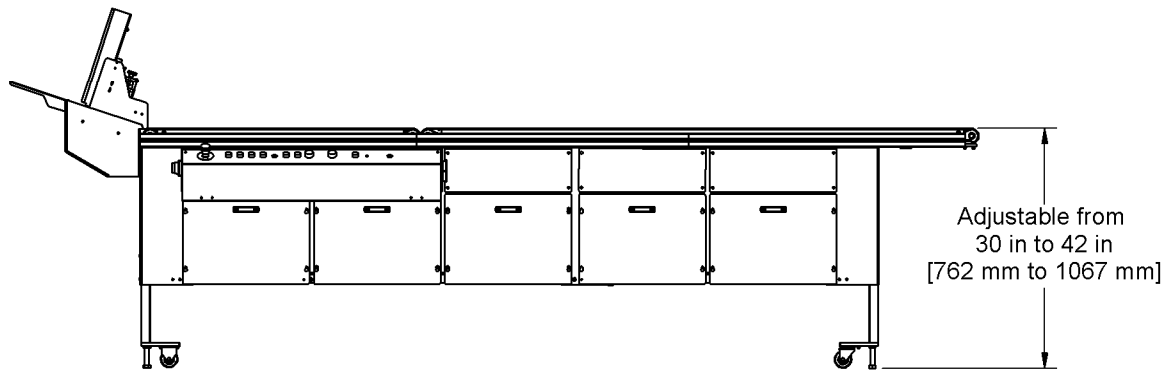
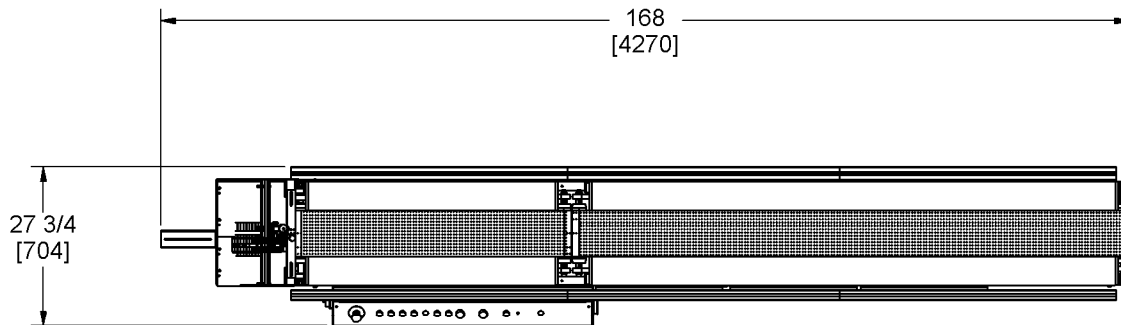
TRANSPORT SPECIFICATIONS

- **Transport Speed:**
 - Variable Speed from 25 to 500 feet per minute.
- **Transport Bed:**
 - Aluminum with a powder coat finish.
 - Size – Two transport beds are incorporated into the system. The first transport bed is 4' and the second bed is 8'. Both beds are 18" wide.
 - Each transport bed utilizes an 8" wide vacuum belt.
- **Electrical Requirements:**
 - 220 volt, 20 amp, 1Ø electrical service.
- **Media Size Range:**
 - Minimum size: 1-1/2" wide x 2" long x single sheet.
 - Maximum size: 17" wide x 18" long x 1/2" thick.
- **System Dimensions:**
 - See page 2
- **NOTE:** All specifications are media dependent.

Optional Equipment includes: Magnetic Stripe Card Encoding, Verification Systems, Card Affixing Systems, Inline Folding, Pressure Sensitive Labelers and more.

Classic - Friction Feeder / Vacuum Transports

The system dimensions and electrical requirements are shown below:



Electrical Specifications: 220 Volts, 20 Amps, Single Phase, 50/60 Hertz