



## POSTMARK AP1170

The AP1170 is an all in one solution for the 1170 printhead. With it's integrated friction feeder, adjustable receiving tray, and vacuum conveyor you can have an “All Purpose” solution for printing. The AP1170 also features a cantilevered design allowing for larger media to be fed under the printhead when the 20” feed width isn't quite enough. Simply remove the feeder (no tools required and feed on larger media such as boxes.



## POSTMARK CP1170

The CP1170 is our more industrial solution which includes an industrial 12” x 60” conveyor as well as an innovative cantilevered design to allow larger media to be fed under the printhead. The printhead can also be adjusted (with tools) up to 8” above the belt for feeding directly on erected cartons or other thick materials. Postmark's MPF feeders or Vacuum feeders can also be paired with the CP1170 for an industrial solution for printing on corrugated or other porous materials



## POSTMARK TK1170

The TK1170 is our Turnkey kit made for adding the 1170 printhead to existing equipment. The TK1170 comes with everything you need including a custom bridge made to any width, an encoder, and a photocell. The bridge design allows the printhead to move across the conveyor system for easy adjustment. With the 1170's integrated lower paper guide the printhead is protected from substrates and makes sure that substrates are held down during printing.



## POSTMARK SA1170

The SA1170 is the printhead used on the AP1170, CP1170, and TK1170 but in a standalone configuration. It features a 10.1” integrated touchscreen for controlling the printheads electronic height adjustment, cleaning cycles, and network options. It also features relay outputs that can start / stop feeders and conveyors when printing is ready to go. The SA1170 has four mounting pins that can be used for custom applications where the TK1170 isn't the right fit.

### Versatility

Prints on a wide range of porous media types

### Permanence

HP pigment ink provides durability in fade, scratch, and water resistance

### Photo quality

The four-color ink system produces long-lasting, brilliant colors

### Proven reliability

HP's worldwide recognition for product quality, reliability, and service

### Ease-of-use

Simple, quick replacement minimizes downtime

### Economical output

Efficient ink delivery system provides a low cost-per-print advantage

## Printhead Specifications

|                    |   |
|--------------------|---|
| Printhead          | HP PageWide technology TIJ4 printhead, replaceable as part of BnB |
| Print Swath        | 297 mm (11.7 in)  |
| Nozzle Count       | 59136 (4224 x 14)   |
| Resolution         | 1200 nozzles per inch, per color                                  |
| Speed              | Up to 18ips - 27m/min - 98ft/min                                  |
| Drop Volume        | 10 pl K, 8.5 pl CMY   |
| Ink cartridge type | Individual ink supply   |
| HP ink type        | Pigmented aqueous ink   |
| Ink fill (ml)      | Approximately 498 black, 237 cyan, 233 magenta, 225 yellow        |

### Operating Conditions

Operating temperature range: 15°C to 30°C (59°F to 86°F)  
Operating humidity range: 15% to 80% RH (non-condensing), 20% to 80% recommended  
Storage temperature range: -40°C to 60°C (-40°F to 140°F)  
Non-operating humidity range: 10% to 90% (non-condensing)



Spot Color Matching  
Full PDF Support  
Fastest Professional Grade Rip  
Global or Specific Color Adjustment  
Economical - Low Cost Of ownership

## Software Specifications

|                          |  |
|--------------------------|--|
| Connection               | Ethernet   |
| Driver                   | Windows, OSX, and Linux (static data only)                                 |
| Rip Options              | Maestro (Xitron Navigator)   |
| User Interface           | 10.1” Touchscreen and Driver/Rip   |
| Touch Interface Features | Electronic Height Adjust, Cost Calculator<br>Cleaning Cycles, Relay output |

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