



## POSTMARK AP1170

The AP1170 is an all in one solution for the 1170 printhead. With its 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 1170

The 1170 is the printhead used on the AP1170, CP1170, and TK1170. It features a 10.1" integrated touchscreen for controlling the printhead's 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 1170 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)



## 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 Cleaning Cycles, Relay output



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

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# Print Samples Actual Size

## No. 10 Window


Ink Cost Per Piece \$0.019


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Up to 1200x1200 DPI  
Up to 18ips - 27m/min - 98ft/min  
11.7" Print Width  
Pigment Ink


Developed with





Printed with Postmark 1170

Cost of print \$0.019



## Bar Coaster

Ink Cost Per Piece \$0.023

Developed with





Cost Per Print: \$0.023




## No. 10 Linen


Ink Cost Per Piece \$0.038

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Developed with







**CALIFORNIA REPUBLIC**  
POSTMARK INC  
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Cost Per Envelope: \$0.038

_____	0.1 pt
_____	0.5 pt
_____	1.0 pt
_____	1.5 pt
_____	2.0 pt
_____	3.0 pt
_____	4.0 pt





## Wood Blank

Ink Cost Per Piece \$0.004

Developed with





