

How to demo: Vertical Trimmer

June 2018

Before getting started, ensure you have one of the following printers and the V-Trimmer is on:

- HP DesignJet Z6dr PostScript® Printer with V-Trimmer
- HP DesignJet Z9+dr PostScript® Printer with V-Trimmer

Access the front panel: Settings – Output Settings – Vertical Trimmer – ON

To showcase the vertical trimmer, you can use whatever media (besides adhesive media or Non-HP canvas), but as a recommendation:

- HP Everyday Matte Polypropylene – if you want a fast printout (print fast/normal mode)
- HP Heavyweight Coated – Normal print mode → If you want a fast printout
- HP Premium Gloss Photo Media – Normal or Best print mode → High IQ but slower

To have a more impactful demo, print in borderless an image that is smaller than the roll (example: 30 inches on a 42in roll). There are three possible printing paths: USB, HP Click or Driver.

Images to print:

- Glossy/Best: <https://h22189.www2.hp.com/assetdetails/07366E7D-0855-4E54-B87A-0278A39CDBB5>
- Coated/Normal: <https://h22189.www2.hp.com/assetdetails/9B853B87-B531-4BD1-BADC-DB3C31B3C4F6>

[HP Click software version with borderless option: version 2.5 or onwards.]

For the first time in the large format printing industry, HP is introducing an embedded vertical trimmer in the HP DesignJet Z6dr and Z9+dr printers. This brand new vertical trimmer will change the way our customers print.

With one single device, you will be able to print and trim simultaneously!

The true “print and trim solution” will save critical time – and time means money (some copy shop owners estimated over an hour and a half per day in labor savings¹).

Benefits of the vertical trimmer: (quotes from customers during the interviews¹):

- Quicker turnaround means happier customers (PSPs and PCS) and shops can accept more jobs.
 - Eliminating rework from human error saves time and costs. (Roughly 1% - 2% of prints are redone due to human error cutting).
 - An integrated vertical trimmer means better quality cutting, without scratching sensitive media (like backlit).
 - The trimmer provides ability to handle additional jobs, such as longer banners or panoramic photos, that were outsourced because they were too long to cut in-house.
 - Most customers felt the vertical trimmer was more valuable than printing 30% faster – “Because a trimming solution saves more labor hours”.
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Follow next page:

➔ Compatible medias with the Vertical Trimmer:

HP Premium Instant-dry Gloss Photo Paper	HP Everyday Instant-dry Satin Photo Paper
HP Premium Instant-dry Satin Photo Paper	HP Universal Instant-dry Gloss Photo Paper
HP Everyday Instant-dry Gloss Photo Paper	HP Universal Instant-dry Satin Photo Paper
HP Premium Matte Photo Paper	Polypropylene Generic
Photo Gloss/Semi-Gloss/Satin Paper	HP Premium Matte Polypropylene
Photo Matte Paper	HP Everyday Matte Polypropylene
HP Premium Vivid Color Backlit Film	HP Durable Semi-Gloss Display Film
Backlit Material	HP Durable Banner with DuPont Tyvek
Transparent/Clear Film	HP Super Heavyweight Plus Matte Paper
HP Clear Film	HP Universal Bond Paper
Matte Film	HP Bright White Inkjet Paper
HP Opaque Scrim Banner	HP Coated Paper
Scrim Banner	HP Universal Coated Paper
HP Artist Matte Canvas	HP Universal Heavyweight Coated Paper
HP Matte Litho-realistic Paper	HP Heavyweight Coated Paper
HP Professional matte canvas	Plain Paper
Fine Art Paper	Coated Paper
Super Heavyweight Coated Paper	Heavyweight Coated Paper

Exception of medias:

- Self-adhesive media
- Non- HP Canvas with hard stiff mesh

➔ How to access the vertical trimmer from the driver:
 Step-by-step: Print ➔ Print Settings ➔ In "Paper Quality" tab, hit "margins/cutters" settings

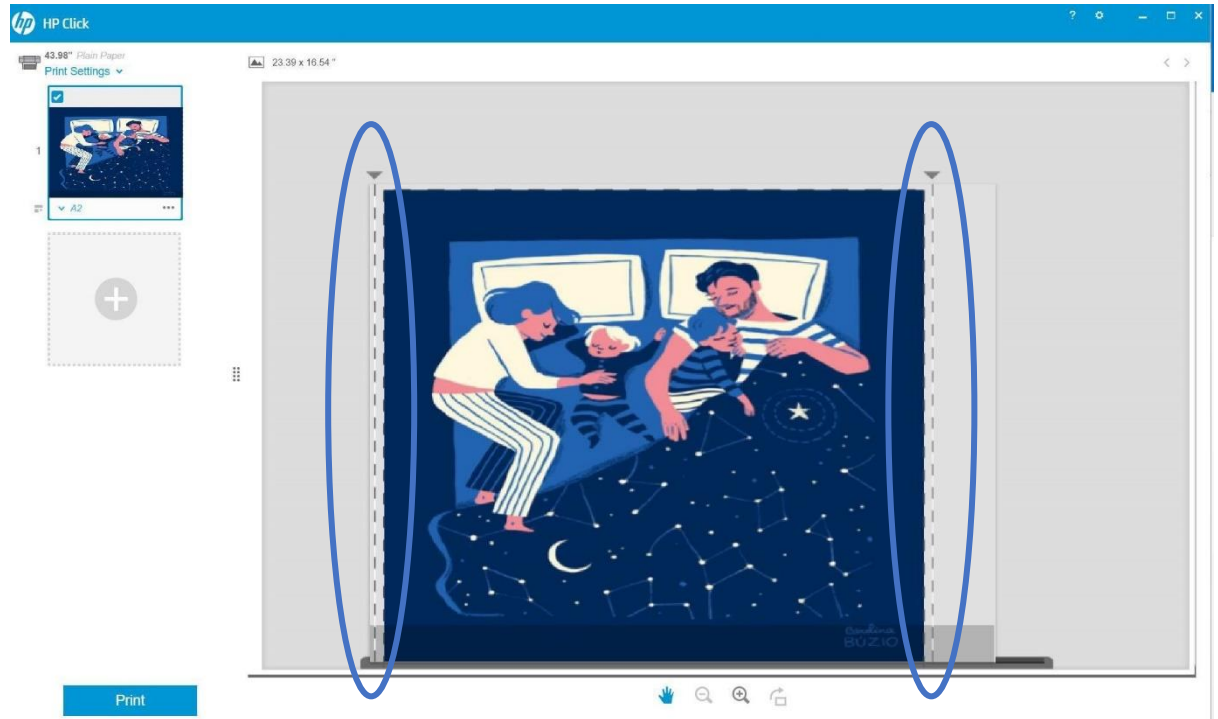
Layout and cutter options ? X

Layout and margins:	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use application settings Respect settings defined previously in application		Clip contents by margins Content within printer margin not printed	Oversize Add the printer margin on four document edges	Borderless Increase scale and clip contents from the border
Preserve scale	-	✓	✓	✗
Preserve content	-	✗	✓	✗
Preserve paper size	-	✓	✗	✓

Cutter Horizontal cutter Vertical Trimmer

➔ How to use the vertical trimmer from HP Click?

The vertical trimmer needs to be enabled through the front panel of the printer. If in the printer the vertical trimmer is ON, you will see the following on the preview of Click:



Vertical Trimmer specifications:

Parameter	Unit	Value
Minimum print width	mm	200
Minimum print height	mm	297
Maximum print width *1	mm	1097
Maximum print height *2	mm	full roll
Initial cut position accuracy	mm	±1
Max. straightness deviation (each side, up to 1m)	mm	±1
Max. straightness deviation (each side, more than 1m)	mm/m	±1
Minimum lateral strip width (cut-out)	mm	10
Margins (when not cutting borderless *3)	mm	5
Life (cutting bond media *4 *5)	A0s	7500
Life (cutting canvas media *4 *6)	A0s	4000

*1: Using a 44" (1117 mm) roll

*2: Non- considering file format and file size limitations

*3: V- Trimmer allows printing borderless on all sizes and media supported (note that when printing borderless the image is expanded 3mm each side, so a borderless print does not maintain the scale)

*4: Horizontal cutter and vertical trimmer modules are customer-replaceable-parts

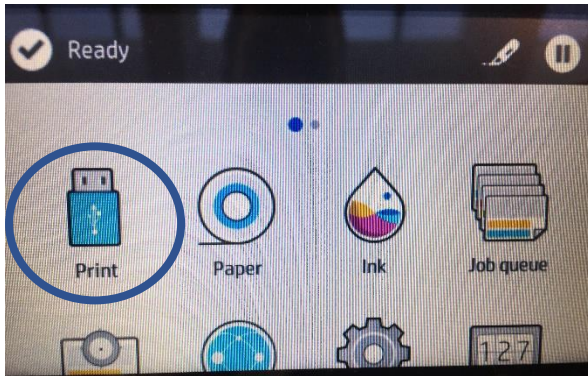
*5: Using HP Universal Bond Paper

*6: Using HP Professional Matte Canvas (430 gsm)

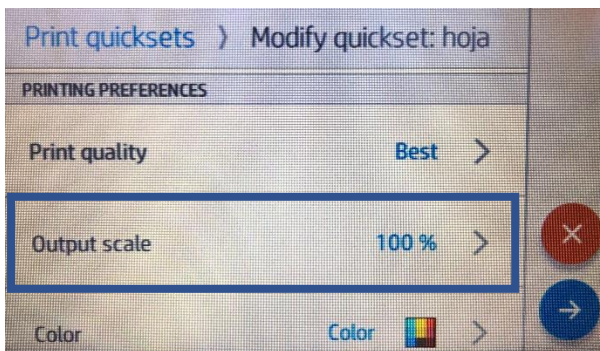
Step-by-step when printing from USB:

➔ Print & trim (borderless) an image that we want to resize [or Panoramic image]:

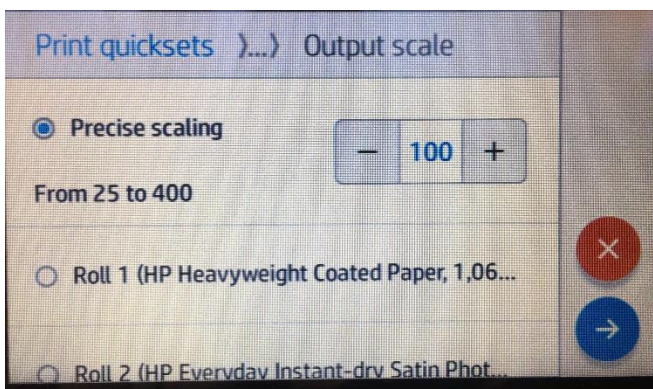
1. Insert the USB and select the image you want to print

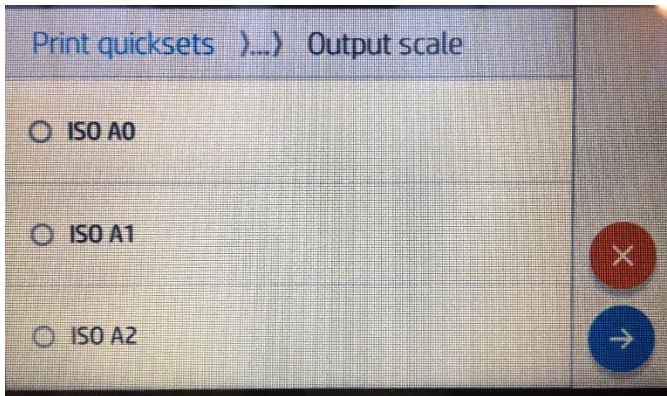


2. In the printing preferences, tap “Output scale” to resize the image

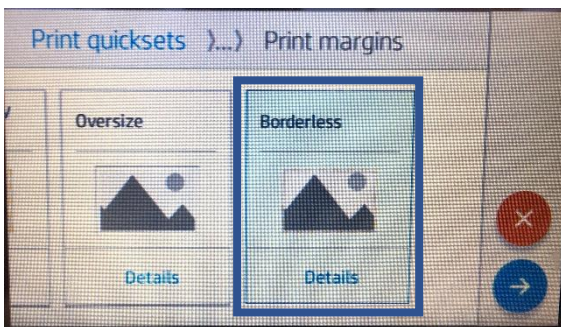
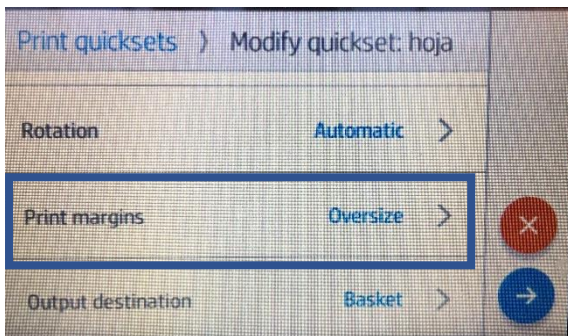


3. Resize to the preferred size; either 100% (or precise the scaling) or scroll down for standard size: [Note: if you want to print a panoramic photo with the default size, choose “Precise scaling 100%”]





4. Scroll down to choose borderless in the “Print margins” tab:



5. Ensure the vertical trimmer is enabled:

