

ColorWorks Major Specifications

Compatible Printers

Xerox Color 800/1000 Presses, DocuColor 8080

User Interface

Icon-based touchscreen. LCD panel indicates finisher status and job parameters, and facilitates troubleshooting and diagnostics.

Sheet Size (Cross Feed Direction x Feed Direction)

Bookletmaking
Min. 7.2" x 10.1" (182 x 257 mm)
Max. 12.6" x 18.0" (320 x 458 mm)

Side/Top Stitching
Min. 7.2" x 8.3" (182 x 210 mm)
Max. 12.6" x 14.1" (320 x 360 mm)

Side/Top Stitching + Fold
Min. 7.2" x 10.1" (182 x 257 mm)
Max. 12.6" x 14.1" (320 x 360 mm)

Corner Stitching
Min. 7.2" x 10.1" (182 x 257 mm)
Max. 8.6" x 14.1" (220 x 360 mm)

Folding
Min. 7.2" x 10.1" (182 x 257 mm)
Max. 12.6" x 18.0" (320 x 458 mm)

Pass Through
Min. 7.2" x 10.1" (182 x 257 mm)
Max. 12.6" x 19.2" (320 x 488 mm)

Scoring
Min. 7.2" x 10.1" (182 x 257 mm)
Max. 12.6" x 19.2" (320 x 488 mm)

Bleed Trimming
Min. 7.3" x 10.1" (187 x 257 mm)
Max. 12.6" x 19.2" (320 x 488 mm)

Sheet Weight Range

64 to 250 gsm

Stitch and Fold Thickness

Coated: 20 sheets, 90 gsm (self-cover)
Uncoated: 20 sheets, 70 gsm (self-cover)

Stitch Thickness

Coated: 25 sheets, 90 gsm
Uncoated: 25 sheets, 70 gsm

Stitch Distance

3.62" to 5.98" (92 mm to 150 mm)
When the sheet width after bleed trim is 11.46" (291 mm) or larger, stitch distance range is 4.8" (122 mm) +/- [12.6" (320 mm) - sheet width].

Stitch Cartridge

5,000 stitches, customer replaceable

Cover Feeder

Sheet Size
Min. 7.2" x 7.2" (182 x 182 mm)
Max. 12.6" x 19.21" (320 x 488 mm)

Weight Range
64 to 250 gsm

Pile Height
2" (50 mm)

Head and Foot Bleed Trim

0.1" to 0.6" (2.5 to 15 mm)

Face Trim

0.12" to 0.74" (3 to 19 mm)

Face Trimming Thickness

Coated: 90 gsm (self-cover), 20 sheets Booklet
Uncoated: 70 gsm (self-cover), 20 sheets Booklet

Scoring

Number of Line
Max. 4 lines

Line Distance
Min. 0.08" (2 mm)

Production Speed

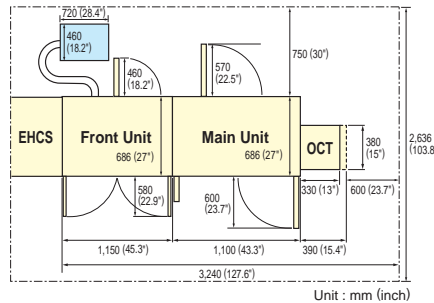
Depends on printer speed and job type.

Machine Dimensions (Width x Depth x Height)

Front Unit
45.3" x 27.0" x 43.3" (1,150 x 686 x 1,100 mm)

Main Unit
43.3" x 27.0" x 47.3" (1,100 x 686 x 1,200 mm)

Evacuation Unit
28.4" x 18.2" x 37.8" (720 x 460 x 969 mm)



Machine Weight

Front Unit
265 kg (583 lbs.)

Main Unit
295 kg (649 lbs.)

Evacuation Unit
64 kg (141 lbs.)

Voltage / Frequency

Single Phase, 200 to 240 V AC, 50 / 60 Hz

Rated Current

6.9 A

Heat Output

2,900 kJ (690 kcal)

Temperature & Humidity

Temperature
10 to 32 °C (50 to 89.6 °F)

Humidity
30 to 70 percent RH

System performance is optimized when conditions are maintained between 20 to 25 °C (68 to 77 °F) and 45 to 55 percent RH.

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Horizon

ColorWorks

Document Finisher

ColorWorks Pro Plus

All-In-One

Professional Duty



Easy to use

Productive

Versatile and Flexible



Color 800/1000 Presses+ColorWorks Pro Plus

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WOW!

You mean I can
produce professional
quality **Booklets**
...*in one pass?*

The ColorWorks Pro Plus is an all-in-one inline document finisher that combines, bleed trimming, channel scoring, stitching, folding, face trimming and stacking. Professionally finished documents are produced without any need for further post processing. Bleed trims are clean and accurate. Booklets have precise stitch placement, tight folds, and razor-sharp face trims. The channel scoring averts image cracking. Booklets are stacked within the system for unloading. The offset catch tray can also receive staple-only or flat-sheet documents, with the ability to offset one sheet or set from the next. The ColorWorks is convenient, efficient and affordable.

The ColorWorks Pro Plus connects in-line with Xerox Color 800/1000 Presses and DocuColor 8080 digital color presses.



*Impress customers or
in-house clients with the
diverse range of applications
you can produce....*

And now, our **Customers** speak out

"The in-line scoring feature is a big plus..."

- Digital Printer, NYC, NY

"We run jobs from start to finish in record time..."

- Federal Agency, Washington, DC

"We may be nonprofit, but we have very high production standards... we had great expectations, and so far the ColorWorks has delivered, saving us money, time, and producing more professional output at the same time."

- Lions Club International, Oak Brook, IL

"Bleed trimming creates the look-and-feel we wanted..."

- University, NJ

"Our publications have a more professional appearance..."

- Insurance Company, Nebraska

"Cadmus is solely focused on the printing and delivery of medical and scientific periodicals... we use the ColorWorks for short-run reprints... we enjoy the benefit of start-to-finish in one line, then just box it and ship it."

- Cadmus Communication, Easton, MD

"Our high-net-worth customers like receiving a classy, color, personalized statement."

- Financial Services Company, CA

"The ColorWorks was intuitive and easy to learn... this system has helped us enhance the quality and timeliness of our catalogs and helped us mine different verticals with targeted messaging that was impossible before."

- Pacific Rim, Wholesale Distributor, Seattle, WA

"The booklets look like they've been offset printed and trade-bound..."

- Newspaper, Los Angeles

"The ColorWorks has really helped streamline our production..."

- Corporate In-plant, MA

"We needed to move beyond being just a commercial printer... the DocuColor-ColorWorks combination has lived up to our expectations... when we did the calculations, we were much more competitive because we had a finished piece coming off the back of the system."

- Bentley Graphic Communications, Pottstown, PA

"It's helped professionalize our external and internal communications..."

- Healthcare In-plant, MO

"The ColorWorks gives us quick turnaround, and it's helped attract new work..."

- Commercial Printer, PA

The Benefits of the ColorWorks are perfectly clear...

Document Appearance

- Professional, high-impact finished documents with full-bleed trim, score, and face trim.
- Precise stitch placement, flat tight folds, and razor-sharp face trims.
- Image integrity is maintained by scoring documents to avoid image cracking.



Ease of Use

- Fast, easy set-up via the intuitive, icon-based touchscreen controls.
- Save up to 20 job profiles so set-up parameters can be easily recalled with a few touches of a button.
- Enables efficient jam/fault recovery via error codes, icons and diagrams.

Versatility & Flexibility

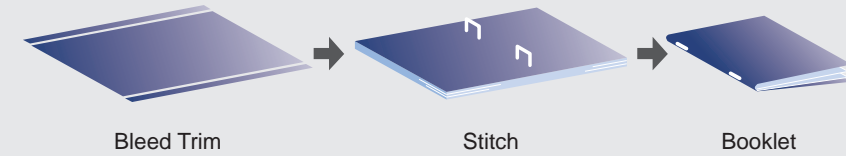
- Customer replaceable 5,000 staple cartridge.
- The cover feeder can be used to feed pre-printed sheets, for off-line document finishing.
- Custom paper sizes to be entered easily.
- The stacker can be unloaded while running for non-stop productivity.

Benefits of In-line Finishing

- Maintain document integrity as pages never leave the system.
- Improve job turn around time by consolidating finishing functions - trimming, folding, stitching, and stacking in one pass.
- Reduce operating errors and labor costs by avoiding multiple off-line production steps.

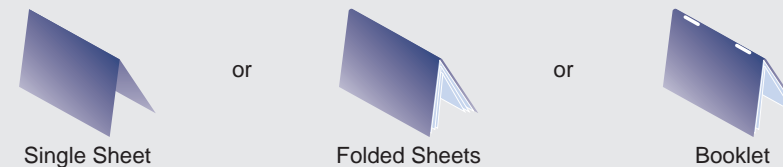
Now you can handle all of these Applications...

Booklet Making



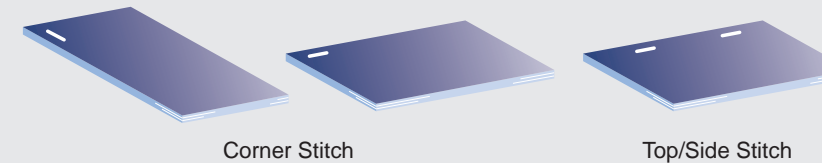
Produce booklets up to 80 pages (20 sheets with each sheet scored for flatter folding, full bleed trimming on all sides.)

Folding



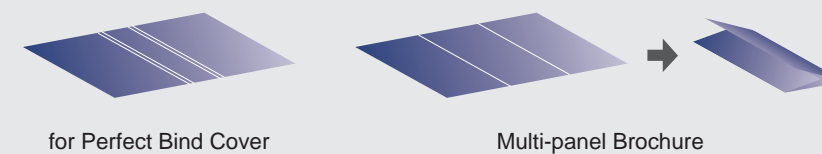
Produce single sheet folded brochures with full-bleed three-side trimming.

Corner Stitching



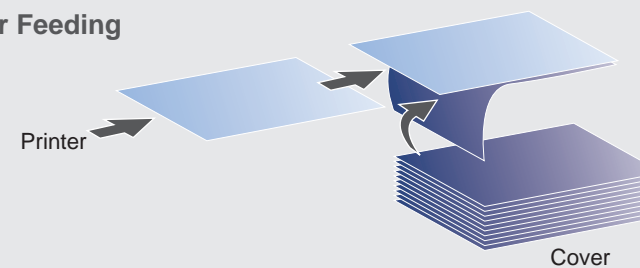
Produce corner/top stitched documents up to 50 pages (25 sheets). Corner/Top stitch + half-fold is also available.

Multi-line Scoring



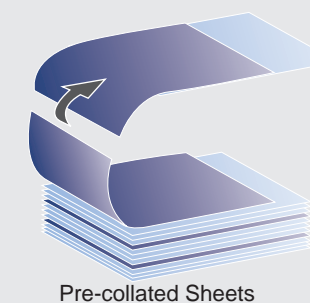
Apply multiple scores on flat sheets for perfect bind covers and off-line folding of multi-panel brochures or mailers.

Cover Feeding



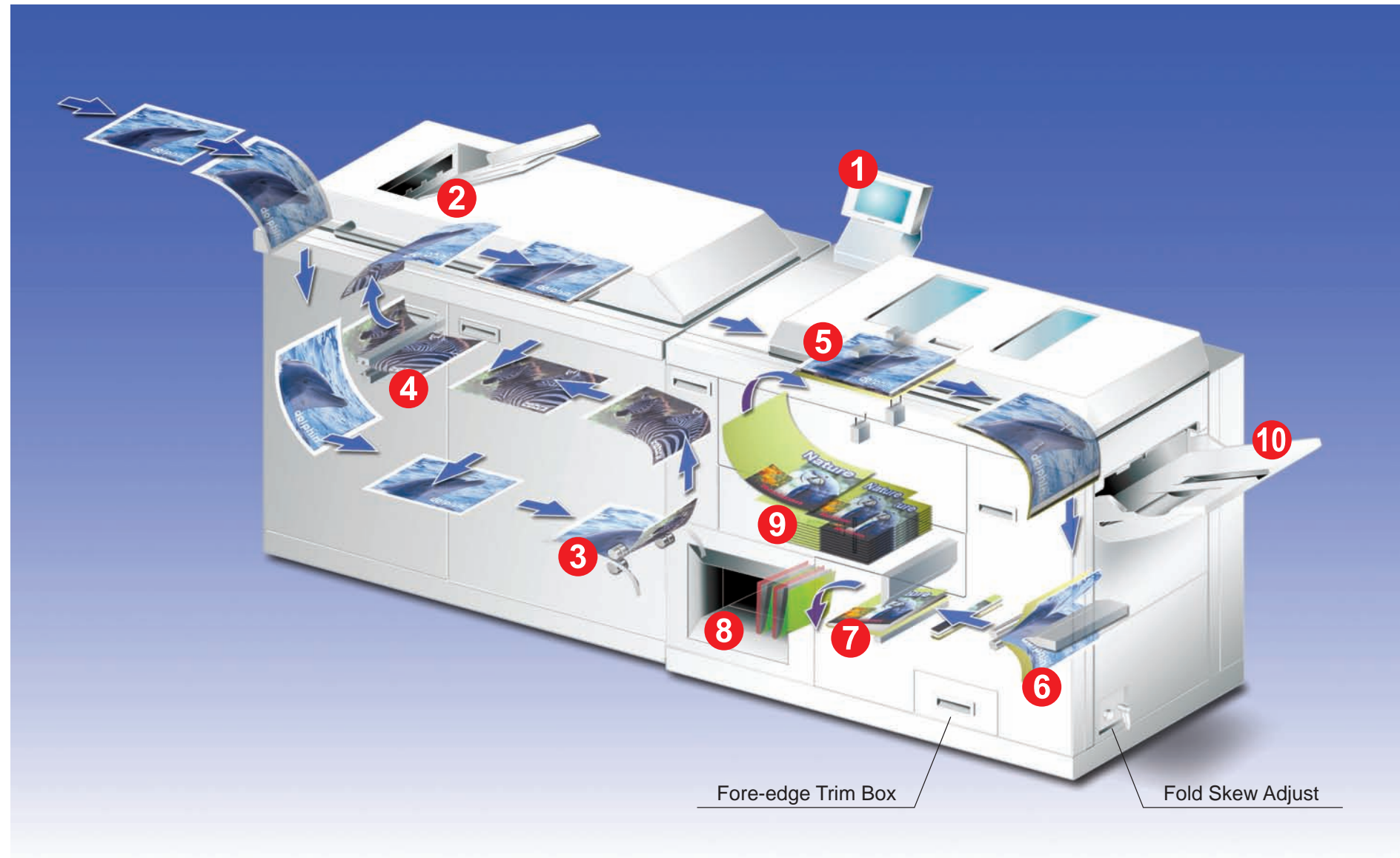
Slide-out suction cover feeder inserts digitally-printed, conventionally printed, or die-cut covers for application flexibility.

Off-line Feeding



The cover feeder can also be used as off-line feeder for pre-collated sheets.

Here's how ColorWorks puts the **Finishing Touch** on your documents



1 Touchscreen

Intuitive, icon-based touchscreen control for simple set-ups and changeover. "Service Mode" facilitates troubleshooting and diagnostics.

3 Bleed Trimming

Rotary trimmers remove excess paper from head and foot of sheet for edge-to-edge color. Trimmings are automatically removed to a waste bin behind the finisher.

Trim width
2.5 to 15 mm (0.1" to 0.6")

5 Stitching

Professional quality stitching with customer replaceable staple cartridge (5,000 staples) and adjustable stitch distance.

Stitch Capacity (90 gsm coated)
Booklets : 20 sheets
Corner/top stitch : 25 sheets

7 Face Trimming

Heavy-duty trim knife cuts fore-edge of booklet to produce professional quality booklets.

Trimming Width
3 to 19 mm (0.12" to 0.74")

9 Cover Feeder / Off-line Feeder

Slide-out suction cover feeder inserts digitally-printed, conventionally-printed, or die-cut covers for application flexibility. The cover feeder can be used as an off-line feeder.

2 Top Tray

Simple print jobs can be delivered into the top tray. If the ColorWorks jams, the printed sheets are delivered to the top tray.

4 Channel Scoring

Channel scored sheets fold without cracking image and create flatter folded booklets. Multiple scores are available for ColorWorks for perfect bind cover or tri-fold leaflet.

Number of scores
Max. 4 lines

6 Folding

Tight, accurate half-folding is provided with operator accessible skew adjustment.

Fold Capacity
20 sheets (90 gsm coated)

8 Booklet Stacker

The ColorWorks is equipped with an internal, space-saving booklet stacker. Booklets can be unloaded while running for non-stop production.

Stack Capacity
100 books

10 Off-set Catch Tray (OCT)

The offset catch tray receives staple-only or flat-sheet documents, with the ability to offset one sheet or set from the next.

