

1800 SERIES C

Versatile, efficient and cost-effective on-demand print solution for labels and tags.

On-demand primary and secondary labeling with integrated variable data and AIDC applications have never been easier. ColorDyne's digital printing platforms offer fast, high-quality and scalable solutions to reduce costs and eliminate pre-printed label inventories. The 1800 Series C offers enhanced versatility and performance with its flat, unobstructed printing path and on-press user interface. Brand owners, private label manufacturers and print providers can produce the exact quantity of high-resolution process color labels and tags the job calls for, large or small.

VERSATILE PRODUCTION

The 1800 Series C can be easily set up and monitored during production from its 7-inch touch screen display with frequently used printer functions. Monitor printer status, ink levels, job status and more. Plus set application formats on screen, including: roll-to-roll, roll-to-cut and fan fold; making for quick set-up and change-over between jobs.

VARIABLE DATA, SIMPLIFIED

Seamlessly merge designs and layouts with text, images, barcodes and database information to handle the needs of security packaging, tracking, personalization and micro-segmentation.



Single Memjet® printhead design for all colors CMYK



EASE OF USE

- Complete printer control from 7-inch on-press monitor
- Easy to replace 250 mL ink cartridges
- Mid-job print head maintenance without breaking the web



PRODUCTION OUTPUT

- 60 feet per minute (18 m/min) max print speed
- UW and RW options available
- Detailed job costing software
- Print full bleed on pre die cut media



DIGITAL FRONT END SOFTWARE

- Harlequin-based RIP software
- Spot color replacement
- PDF, Post Script workflow
- On-the-fly color management

GENERAL INFORMATION

- **Premium print speed:** 30 ft/min (9 m/min)
- **Premium resolution:** 1600 x 1600 dpi
- **Normal print speed:** 60 ft/min (18 m/min)
- **Normal resolution:** 1600 x 800 dpi
- **Max print width:** 8.5" (216 mm)
- **Color:** CMYKK
- **Ink supply:** Five 250 mL ink cartridges
- **Ink chemistry:** Memjet® aqueous-based dye

MEDIA HANDLING

- **Media width:** 2" to 9" (51 mm to 229 mm)
- **Media caliper:** .004" to .012" (.1 mm to .3 mm)
- **Media type:** Aqueous inkjet compatible roll or fanfold
- **Media sensing:** Transmissive (label gap sensor); Reflective (black mark)
- **Optional unwind/rewind:** 10" OD (254 mm); Core Size: 3" (76 mm)

SOFTWARE SOLUTIONS

- **Ink monitor:** 7" touch screen display
- **Data storage:** On-press job library
- **ColorDyne Print Driver and Toolbox**
- **RIP and color management:** Xitron® Navigator RIP (Harlequin)
- **Variable data:** Xitron® Variegator

MINIMUM SYSTEM REQUIREMENTS

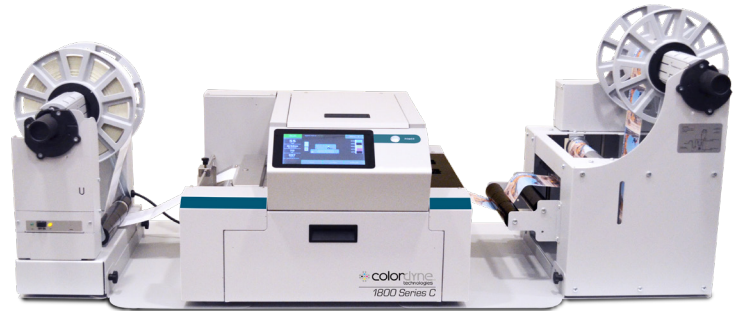
- **Operating system:** Windows® XP to Windows® 10
- **Processor:** 2.5 GHz dual core CPU
- **Memory:** 4 GB RAM
- **Hard drive:** 250 GB
- **Ethernet and USB:** 2.0 or higher
- **Optical drive:** DVD-ROM

OPERATING ENVIRONMENT

- **Operation:** 59° F to 95° F (15° C to 35° C) at RH 22-80% (non-condensing)
- **Atmospheric pressure:** 70 kPa to 106 kPa
- 100/240 VAC, 50/60 Hz, 2.5 A

DIMENSIONS

- **Length:** 22.5" (565 mm)
- **Height:** 13.5" (343 mm)
- **Width:** 20.25" (514 mm)
- **Weight:** 75 lbs (34 kg)



Available with optional unwind and rewind attachments.

