colordyne technologies™

1800 SERIES C

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

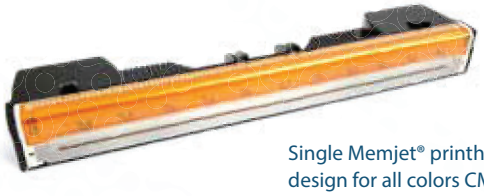
On-demand primary and secondary labeling with integrated variable data and AIDC applications have never been easier. Colordyne's digital printing platforms offer fast, high-quality and scalable solutions to reduce costs and eliminate pre-printed label inventories. The 1800 Series C offers enhanced versatility 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

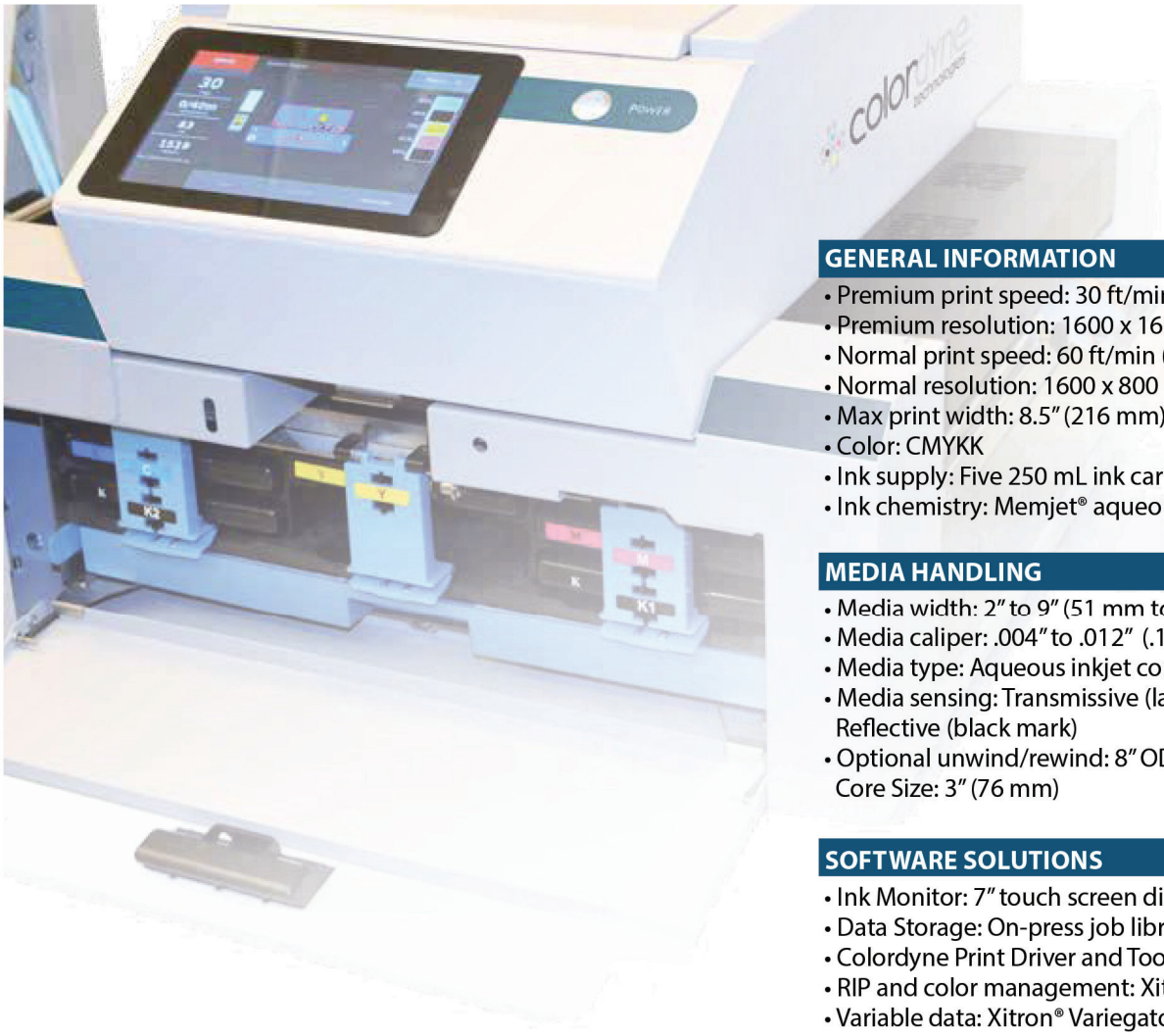
- Complete printer control from 7-inch on-press monitor
- Easy to replace 250 mL ink cartridges
- Mid-job print head maintenance withoutbreaking the web

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



1800 SERIES C

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: 8" OD (203 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.

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