

COLORDYNE 1800 C



The 1800 Series C is the perfect solution to produce the exact quantity of high resolution process color labels and tags, printing on a premium resolution of 1600 x 1600 dpi. It is a versatile and cost-effective on-demand printer with integrated variable data and AIDC applications. It helps to reduce costs and eliminate pre-printed labels inventories.

The design is compact, so no large space required, and the total weight is only 34 kilograms. This model has optional unwind and rewind attachments. It also includes a 7-inch touch screen display to make the set up easier and be monitored during production. The screen displays different printer functions such as printer status, ink levels, job status and more. Roll-to-roll, roll-to-cut or fan fold can also be determined using the screen settings.

A data storage and a detailed job costing software are also available. RIP and color are managed using Xitron® Navigator RIP (Harlequin) Software and Xitron® Variegator for variable data.

Printheads for each color (CMYKK) are powered by the Memjet® technology contained in 5 cartridges with 250 mL of aqueous based dye each. Cartridges are easy to replace, and mid-job head maintenance can be executed without breaking the web.

SPECIFICATIONS:

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 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)

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

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

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: L 22.5" (565 mm) x H 13.5" (343 mm) x
W 20.25" (514 mm)

Weight: 75 lbs (34 kg)



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