

Realize the cost savings and become the leader in production efficiencies and flexibility.

The Colordyne 1600 Series S is designed for personalizing and branding back office documents, envelope messaging, and promotional material printing. Now add color to business documents and forms, and create transpromo materials in-house. The 1600 Series S can print at a high resolution of 1600 x 1600 dpi and speeds up to 60 feet per minute (18 m/min).

In one step, add color to your back office documents, integrate variable data, and print only what you need, only when you need it. Perfect for print shops, colleges and universities, direct mail houses, and consumer product goods companies.



ADJUSTABLE MEDIA GUIDE

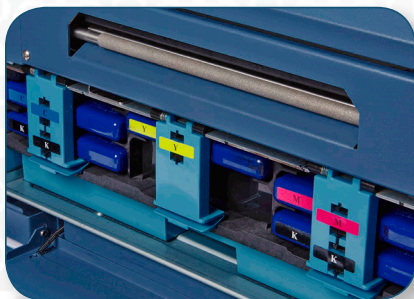
The adjustable media guide quickly accommodates for sheets and envelopes of different shapes, sizes and widths between 3" to 9.5" (76 mm to 241 mm) and up to 0.02" (.5 mm) in thickness.

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

- Easy to replace 250 mL ink cartridges
- Intuitive print driver software
- Removable catch tray
- Customer replaceable engine components



PRODUCTION OUTPUT

- 60 pages per minute
- Conveyor options available
- Detailed job costing software



DIGITAL FRONT END SOFTWARE

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

1600 SERIES S

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:** 3" to 9.5" (76 mm to 241 mm)
- **Media caliper:** .004" to .02" (.1 mm to .5 mm)
- **Min media length:** 4.2" (107 mm)
- **Max print length:** 17" (432 mm)
- **Media type:** Aqueous inkjet compatible
- **Media sensing:** Transmissive (label gap sensor); Reflective (black mark)
- **Optional catch tray**

SOFTWARE SOLUTIONS

- **Colordyne Print Driver and Toolbox**
- **RIP and color management:** Xitron® Navigator RIP (Harlequin)
- **Variable data:** Xitron® Variegator

MINIMUM SYSTEM REQUIREMENTS

- **Operating system:** Windows® XP or Windows® 7
- **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:** 24" (610 mm)
- **Height:** 17" (432 mm)
- **Width:** 20" (508 mm)
- **Weight:** 70 lbs (32 kg)



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