



DARTRONICS, INC.
PACKAGING AUTOMATION SPECIALISTS



1800 SERIES S

Efficient, flexible and cost-effective on-demand printer for envelopes and documents.

Colordyne Technologies' 1800 Series S digital printer is designed for branding and personalizing back-office documents, mailing envelopes, and promotional materials. With this benchtop solution anyone can add full color customization to business documents and forms as well as create transpromo materials in-house.

The 1800 Series S produces high-quality images and fine text by printing at resolutions up to 1600 x 1600 dpi. Plus, production is completed quickly with print speeds up to 75 feet per minute (22.8 m/min). In one easy step users can add full color versioning and variable data to their printed products while only producing the quantities they need. This solution is perfect for print shops, colleges and universities, direct mail houses, and consumer product goods companies.

ENHANCED USABILITY

With the end-user in mind, the 1800 Series S includes feature upgrades such as an on-press user interface with job library and maintenance functions.

REDESIGNED MEDIA PATH

The 1800 Series S has a flatter, unobstructed printing path for higher quality production and automated media adjustment controls so it can handle a wider variety of media.

The adjustable media guide quickly accommodates for sheets and envelopes of different shapes, sizes and widths between 3" to 10.5" (76 mm to 266.7 mm) and up to 0.02" (.5 mm) in thickness.

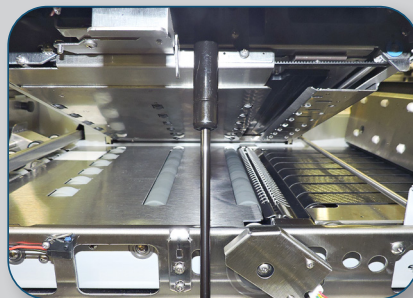


Single Memjet® printhead design for all colors CMYKK



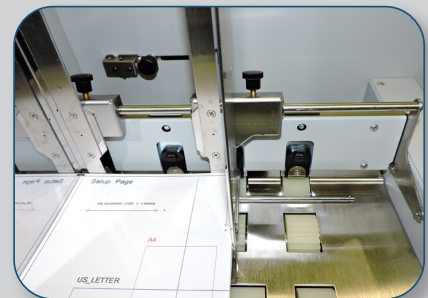
PRODUCTION OUTPUT

- CMYK process color
- Smear free printing on envelopes and difficult media
- Detailed job costing software



DIGITAL FRONT END SOFTWARE

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



EASE OF USE

- Complete printer control from 7-inch on-press monitor
- Easy to replace 250 mL ink cartridges
- Mid-job print head maintenance on a sheet fed printer

1800 SERIES S

GENERAL INFORMATION

- Premium print speed: 37.5 ft/min (11.4 m/min)
- Premium resolution: 1600 x 1600 dpi
- Normal print speed: 75 ft/min (22.8 m/min)
- Normal resolution: 1600 x 800 dpi
- Max print width: 8.77" (222.8 mm)
- Max print length: 40" (1016 mm)
- Color: CMYKK
- Ink supply: Five 250 mL ink cartridges
- Ink chemistry: Memjet® aqueous-based dye

MEDIA HANDLING

- Media width: 3" to 10.5" (76 mm to 266.7 mm)
- Media length: 3.66" to 10.5" (76 mm to 266.7 mm)
- Media caliper: .004" to 14.25" (92.96 mm to 362 mm)
- Media type: Aqueous inkjet compatible
- Media sensing: Transmissive (label gap sensor); Reflective (black mark)

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

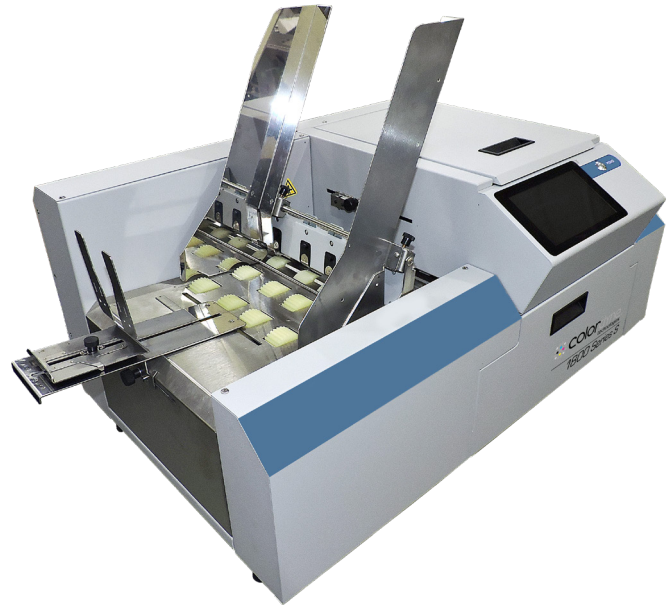
- Operating system: Windows™, 8, 8.1, 10
- Processor: 2.5 GHz dual core CPU
- Memory: 4 GB RAM
- Hard drive: 250 GB
- Ethernet and USB: 2.0 or higher
- Optical drive: DVD-ROM

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**



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DIMENSIONS

- Length: 39" (990.6 mm)
- Height: 20.25" (514 mm)
- Width: 21.125" (536.5 mm)
- Weight: 95 lbs (43.9 kg)

OPTIONS

- Conveyor Stacker, Conveyor Drop Tray, Printer Drop Tray
- Long Media Support: for media up to 20" (508mm)
- Small Media Guide Kit: for media down to 2" x 3" (50.8 mm x 88.9 mm)
- Adjustable Wheels Assembly Kit
- Magnetic Media Support Assembly
- Media Retainer Guide Kit

Distributed by



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150 William Street, Perth Amboy, NJ 08861

1-800-298-8936

Phone 732-324-0800

Fax 732-324-4488

Email: sales@dartronics.com

www.dartronics.com