



Vortex 4200
wide format printer
for CAD/CAM/GIS and GAI





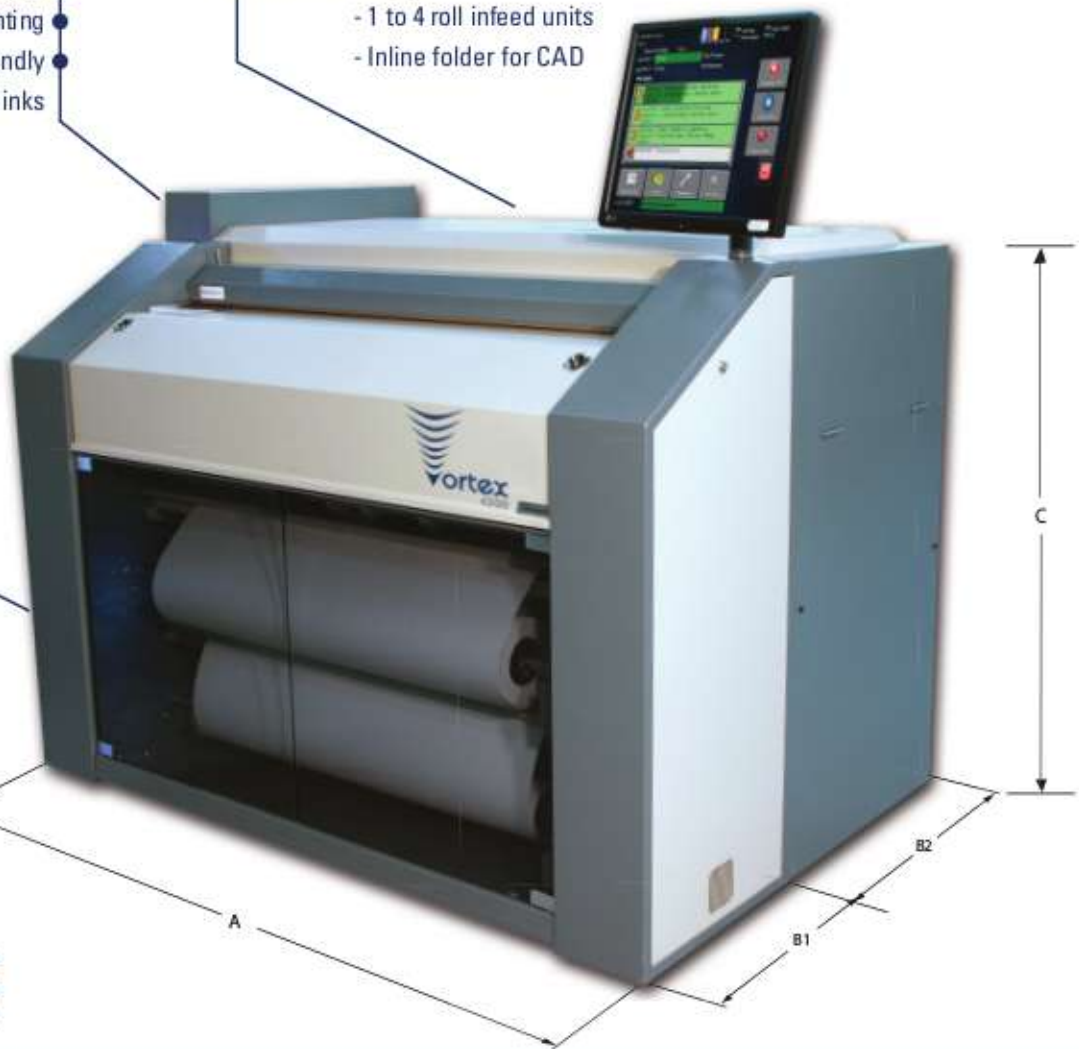
The Vortex 4200

Our 2 in 1 Vortex 4200 wide format printer is powered by Memjet technology which makes it possible to print in color at 30 cm per sec and up to 1067 mm paper width. It features a 2 roll infeed with additional sheet feed, making our unit ideal for economic and efficient printing in both the Graphic and CAD sectors.

- Printer powered by Memjet
- 30 cm/s and 15 cm/s printing speed
- 1600 dpi native resolution
- On board computer with touchscreen & GUI
- Modular design
 - 1 to 4 roll infeed units
 - Inline folder for CAD

- 2L or 10L ink tanks
- CMYKK color printing
- Environment friendly water based inks

- 2 roll feed
- Built-in cutter
- Automatic roll change
- 3" core size
- 200 meter roll length
- 1067 mm max. paper width



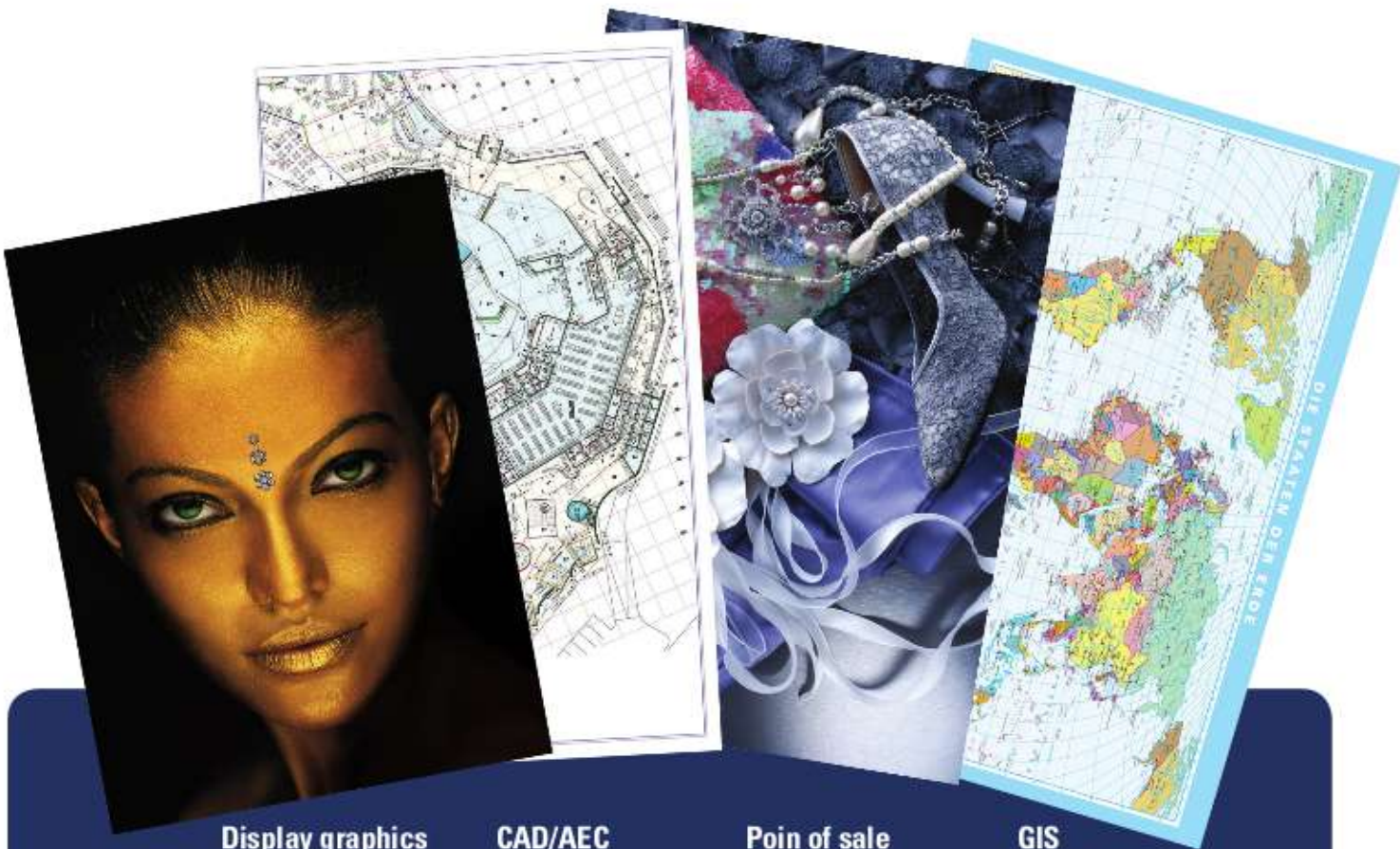
	Dimensions			
	Width (A, mm)	Height (C, mm)	Depth (B, mm)	Weight (kg)
Printer	1620	1230	620 [B2]	217
Roll-feed	1620	1200	465 [B1]	192
Folder	1510 (1750*)	1160 (1500*)	1160 (1440*)	275 (330*)
Stacker	1150 (1250*)	450 (500*)	1250 (1380*)	56 (113*)
Printer + roll-feed packed	1910	1650	1360	515

*Packed dimensions

'Liberty' printer control software



- Powerful, state of the art, fully integrated printer management
- Integrated control of the engine, roll feed, RIP & PC direct
- Raster and vector image management
- Intuitive GUI/touchscreen user interface
- Visual job management & stored job recall
- Multiple copy management
- Integrated media management
- Automated paper width detection
- Automated image alignment
- Wireless/LAN network enabled
- In-built ink monitoring and automatic cost calculation
- Integrated statistics and history
- Integrated one-touch printer maintenance
- Online/remote diagnostics and upgrades
- Print engine logging and event replay capability
- Local language support



Display graphics

CAD/AEC

Poin of sale

GIS

- 1000 m² color graphic printout per hour
- 420 DIN A0 CAD/AEC printouts per hour
- 150 m long plots without distortion
- 1.600 x 1.600 dpi native resolution for the finest details and for the thinnest lines.
- Two different printing speeds: 30 cm/sec or 15 cm/sec.

Online Stacker

The new online stacker perfectly matches the Vortex 4200 printer. The auto forwarding rolls eliminate the possibility of paperjams. With the auto leveling stacker it is possible to easily stack GAI, CAD/CAM or GIS printouts up to A0 size.



GrandRIP+ by Caldera

Caldera GrandRIP+ is the ultimate production workflow solution for large-scale wide format graphical printing.

Built for speed, reliability and flexibility, Caldera RIP keeps your business adaptable with the ability to add extra modules, including cutting solutions and cost management, as you need them. All these powerful and indispensable tools are controlled from within one simple, intuitive user interface, allowing you to manage your production quickly, easily and seamlessly from start to finish.



The Rig.807 online folder

A horizontal stacker for folded prints with capacity up to 150 A0 CAD/AEC or GIS printouts. The compact design saves much valuable floor space without sacrificing features including standard high capacity folded print stacking. The Rig.807 series can fold print sizes from A4 to A0 with speeds up to 14.4 meters per minute. The folder includes as standard the fan fold and cross-fold options. The folder has an adjustable table to be able to connect to a wide range of printers with only a simple electronic speed adjustment required.

Supported speeds:

Rig.807	6 m/min.
Rig.807 Plus	10 m/min.
Rig.807 Plus.8	14.4 m/min.

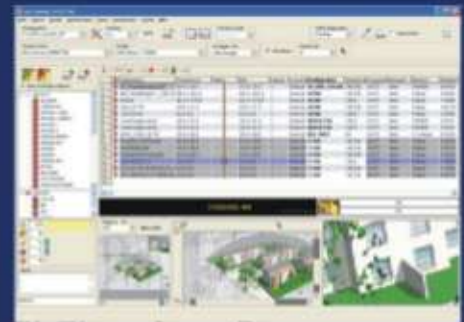
Standards included:

Fan folder
Cross folder
Folded copies stacked on top
Bypass tray on the rear (20 sheets, max A0)



- High performance PDF + HPGL2 plotting.
- Work-flow for most large format devices monochrome + color!
- Easy and fast installation multilanguage support.
- Designed for professional reprographic companies who need professional workflow+quality!
- Support all standard formats like PDF, HPL2,HP-RTL,CALS, PS, EPS
- Embeded driver technologie. No matter what Windows driver is installed. TG-PLOT has own drivers.
- Cost efficiency trough easy workflow and simple usage

TG-PLOT for CAD/AEC/GIS





Vortex 4200

The core element of Memjet's inkjet technology is the revolutionary printhead which was developed in Silverbrook Research labs disrupting previous assumptions about color inkjet printing.

The result is a printhead that is up to 8 times faster than traditional inkjet printheads! Memjet color printheads use "waterfall" technology. Simply put, each of the five printheads contain 70,400 nozzles and fire millions of ink drops per second. It's more energy efficient and even faster than most black and white printers. The Memjet printhead is a paradigm shift in printhead design. It will totally disrupt the wide format inkjet market.

TECHNOLOGY

- Single pass thermal inkjet
- Four colors - (CMYK)

IMAGING

- 5 thermal printheads
- Five channels - (CMYKK)
- 352,000 nozzles (70,400 nozzles/head)
- 1,3pL droplet

PRINT QUALITY

- Black & colour: 1,600 dpi native resolution

PRINT SPEED

- 30 cm/s or 15 cm/s
- 900 m²/hour graphical art
- 420 DIN A0/hour CAD/CAM

MEDIA HANDLING

- Heavy duty 2 rolls
- Up to 200m rolls
- 3 inch core media
- Manual sheet feed
- Roll changing during printing
- Roll-to-Sheet, Roll-to-fold, Sheet-to-Sheet
- Automatic roll switching
- Automatic paper loading

INK CARTRIDGES

- Dye based inks, Colors: CMYKK
- Cartridge sizes 2 or 10 liter

POWER INTERFACE

- Power supply 110 - 230V
- Power consumption (1000-1200 W)

MEDIA FORMATS

- Width: 210 mm to 1067 mm
- Length: 210 mm to 150 meters
- Thickness: 80 gsm to 300 gsm
- Continuous roll or cut sheet on plain, matt, glossy, satin, backlit, self adhesive, PE banner, and blueback inkjet papers

FINISHING

- Built-in cutter
- Online folder: 6m/min, 10m/min, 14.4m/min, 150 A0 CAD/CAM, Fan fold or cross fold
- Online stacker: auto forwarding and leveling

USER INTERFACE

- Intuitive GUI on touchscreen display
- 'Liberty' printer control software
- Caldera RIP+ software
- Easy media profiling and color management

INTERFACE

- Ethernet TCP/IP LAN 10/100/1000 Mb/s
- RS 232 serial port
- USB 2.0

WARMUP TIME

- 5-10 minutes

CONTROLLER CONFIGURATION

- Intel® Pentium Dual Core Processor
- 4GB, DDR3, 1600MHz memory
- 120GB SATA3 2,5" SSD
- Intel® Integrated Graphics

SUPPORTED DATA FORMATS

- Native PDF
- TIFF, JPEG, EPS, PNG, PS, PRN, PSD, CFX, FS, PD, PX, PCD, PCT, PICT, WMF, TGA, BMP, PCX



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