



VinylJet 36™

ENCAD, Inc.
A Kodak Company

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Introduction

The VinylJet 36™

Introducing the VinylJet 36 – the first direct-to-vinyl, wide-format outdoor printing solution without solvents.

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There's never been a printer like it. The VinylJet 36 offers an excellent price and opens new horizons of profitability by reducing labor, production time and material cost. Print vibrant, full color images on untreated, uncoated vinyl – no cutting, no mounting and no waste.



“The VinylJet 36 printer is a terrific machine at a great price. It gives sign shops a way to produce high-resolution banners, four-color signs and other small-run projects without the labor and set-up costs of screen-printing or pressure-sensitive vinyl laminates. This is a printer that will pay for itself very quickly.”

— Tom Stewart, owner, HTS Marketing, San Marcos, Calif.

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AquaVinyl Technology

AquaVinyl™ Technology



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[AquaVinyl™ Ink](#)

“No other wide-format printer can print directly to uncoated/untreated vinyl with water-based, environmentally safe inks.”

The VinylJet's AquaVinyl™ Technology (AVT) uses a unique curing system with water-based inks to produce UV-durable, water-resistant eye-catching images directly on to uncoated/untreated vinyl.

AquaVinyl™ Ink has 85% fewer VOCs* than solvent inks. So unlike other “low-solvent” or “ecosolvent” printers, the VinylJet 36 requires no special ventilation beyond normal workplace requirements recommended by OSHA, AGIH, and AIHA.

To complete the package, Encad [guarantees](#) the output results!

[Learn How it Works...](#)

[Learn about AquaVinyl Ink...](#)

*volatile organic compounds

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Direct-to-Vinyl means more profit direct-to-you

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Building a Profit Center

“The VinylJet is an easier, faster way to produce what you have already been producing”

The VinylJet 36 can produce completed prints in minutes, removing the need for cutting and mounting, thus greatly reducing the material costs and labor time traditionally associated with vinyl sign production.



The VinylJet 36 is perfect for anyone that runs up to 35,000 sq. ft. of vinyl per year, currently out-sources their vinyl printing, or produces signage with a vinyl cutter.

With the VinylJet 36 you can expect:

- Higher profitability per print
- Reduced ink and media costs
- Easy, inexpensive installation

[Learn more about profitability...](#)

[Learn more about reducing ink and media costs...](#)

[Learn more about easy, inexpensive installation...](#)

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VinylJet 36™

Guaranteed outdoor performance

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Outdoor Guarantee

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VinylJet Outdoor Guarantee



By using infrared curing on inexpensive vinyl, along with our specially formulated water-based ink, the revolutionary [AquaVinyl™ Technology](#) (AVT) provides a water resistant, UV durable outdoor printing solution. Our partnerships with vinyl manufacturing leaders like Avery-Denison® have enabled us to back VinylJet's unlaminated output by our Outdoor Guarantee for up to three years.

Outdoor Guaranteed Media

Vinyls with up to a 3 year outdoor guarantee

- Avery® MPI 1005 Cast White Vinyl
- Avery® MPI 2010 Calendered White Vinyl
- Avery® MPI 1005 Economy Calendered Vinyl
- ICG 12oz Saturn Banner
- ICG 13oz Banner

 [Download a complete list of vinyl medias](#)

[Learn about other compatible vinyls...](#)

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Printer Specifications

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The VinylJet 36 is affordably priced at \$12,995 (US MSRP)

Print Resolution:

600 x 600 dpi

Media Specifications:

Max Roll Width 36" (91.44 cm)

Min Roll Width 24" (60.96 cm)

Media Compatibility:

Accommodates a variety of uncoated vinyl media for indoor and outdoor applications from leading manufacturers worldwide

Ink Compatibility:

ENCAD AquaVinyl (AV) aqueous-based, infrared-curable ink for indoor and outdoor applications

Standard Accessories:

- Four ink cartridges: cyan, magenta, yellow, black
- Four 200 ml bottles: one each cyan, magenta, yellow, black
- One set of four ink reservoirs
- Sample roll of media
- Priming kit
- Quick Start Guide (manual)
- Reference Guide (CD)
- Software drivers (CD)

Standard Print Speeds:

Draft Mode - 55 sfph (5.11 smph)

Photo Mode - 37 sfph (3.44 smph)

Enhanced Mode - 27 sfph (2.51 smph)

Best Mode - 23 sfph (2.14 smph)

Dimensions:

Packed (printer only)

Height 27" (68.58 cm)

Width 78" (198.12 cm)

Depth 22" (55.88 cm)

Unpacked (printer and stand)

Height 44" (111.76 cm)

Width 71" (180.34 cm)

Depth 28" (71.12 cm)

Drivers/Software:

- Windows 95/98/ME, NT/2000/XP
- ENCAD File Print Utility (Windows 95/98/NT/2000/XP)
- FlexiBanner RIP Software, 60-Day Trial Version

Warranty:

One year on-site. Extended plan available.



[Download the VinylJet Datasheet for complete printer specs \(83k\)](#)

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Outdoor Guarantee

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Other Compatible Vinyls



Encad has tested a wide variety of vinyl media from various manufacturers to create a list of compatible media. As more media is tested, this list will expand.

- Arlon 4500G – 3mil Glossy Calendered
- Arlon 6000 – 4mil Cast with permanent adhesive
- Arlon
- Seemee 10oz Matte Banner
- Seemee 13oz Glossy Banner
- 3M

 [Download a complete list of vinyl medias](#)

[Review the VinylJet's printer specs...](#)

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Direct-to-Vinyl means more profit direct-to-you

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Profitability per Print

The average revenue for a 3' x 10' print is \$10.00 per square foot (\$300 total revenue). The ink and media cost for the same sign using the VinylJet is approximately \$23.00.

Because using the VinylJet drastically reduces time and labor costs by removing the need for cutting, mounting or accounting for wasted material, you are looking at a potential profit margin of over 90%!



With the VinylJet 36, the average cost per print in ink and media is \$.78 per square foot. The Mutoh Falcon comes in at \$1.93/sq.ft., and the Roland SolJet at \$1.10. When it's profitability that counts, the VinylJet is your best solution.

[Learn more about reducing ink and media costs...](#)

[Learn more about easy, inexpensive installation...](#)

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Reducing Ink and Media Cost

The VinylJet 36 prints on standard uncoated/untreated vinyl. This standard product is dramatically less expensive than the coated media required by other printers in this category.

Additionally, along with every ink kit, Encad provides you with new print heads for your VinylJet. This greatly improves printer reliability, and ensures your print quality stays consistent.

To complete the picture of affordability don't forget that AquaVinyl™ Ink, Encad's aqueous pigment-based ink for use in the VinylJet, is very competitively priced. Low cost ink and inexpensive uncoated media make the VinylJet 36 the lowest cost-per-print machine in this category.

[Learn more about Easy, Inexpensive Installation...](#)

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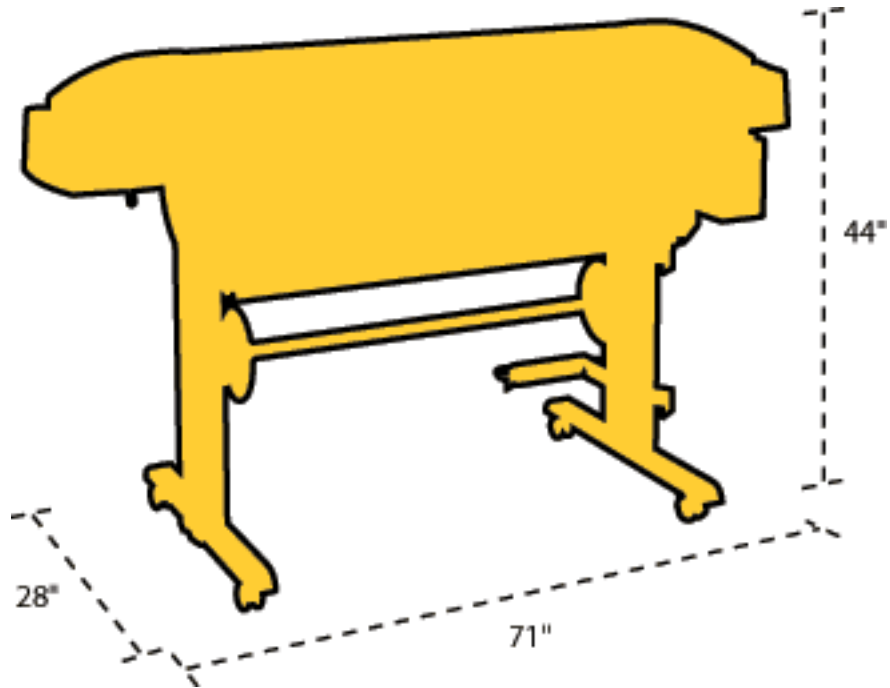
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Easy, Inexpensive Installation

The VinylJet 36 has a small footprint, making it easy to add to your arsenal of production printers without requiring major modifications to your shop. And more importantly, the VinylJet does not require any special ventilation modifications to your space, unlike solvent-based printers.



[Learn more about our Outdoor Guarantee...](#)

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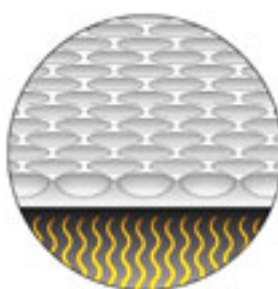
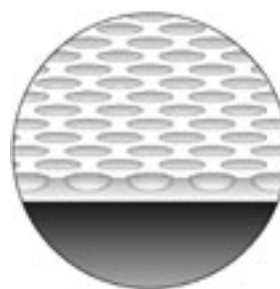
[AquaVinyl™ Ink](#)

How it Works

Encad has optimized its unique AquaVinyl™ Ink with infrared curing technology for a revolutionary new way to print directly to a wide variety of inexpensive vinyl with a water-based ink.

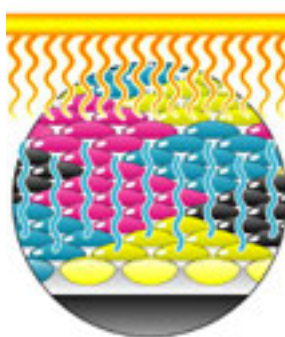
AquaVinyl Technology features an internal heater that pre-heats the vinyl as it moves across the platen for optimal ink reception. Immediately after the ink is printed onto the vinyl substrate, an infrared curing system creates an impermeable bond for long lasting, colorful output.

This closeup depiction shows micro pores on the surface of the uncoated vinyl



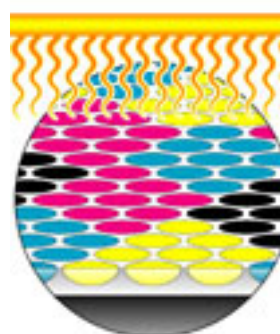
As the vinyl passes over the printer's heated platen, the pores on the surface expand.

Ink is applied and fills the expanded surface pores



The vinyl then passes in front of the infrared lamp which heats the ink and causes most of the water to evaporate

The ink comes out cured, making it both UV durable and water-resistant



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AquaVinyl™ Ink

AquaVinyl is an aqueous based ink produced specifically for the VinylJet. It has been thoroughly tested to work with a wide variety of uncoated/untreated vinyls, and boasts a color gamut that is superior to that of any “low solvent” ink alternatives available today. With



AquaVinyl Ink, you get vibrant color that lasts, without many of the drawbacks associated with its solvent-based counterparts.

For example, AquaVinyl Ink produces 85% lower VOC emissions than solvent-based ink. Unlike existing hazardous solvent-based or “quasi-environmentally safe” solvent-based inks, AquaVinyl falls well below Federal and OSHA regulations and does not require special room ventilation beyond normal workplace requirements recommended by OSHA, AGIH, and AIHA.

No longer do you need to be constrained to the limitations of vinyl-cut letters – now you have a whole new world of color to explore. With AquaVinyl Ink you get great color at a great price, without compromising durability or your workplace environment.

[Learn How the VinylJet helps you build a profit center...](#)

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Revolutionary AquaVinyl™ Technology (AVT) preheats the vinyl for optimal ink reception. Once the ink is printed onto the vinyl substrate, an infrared curing system creates an impermeable bond for colorful, long-lasting outdoor signage. ([More](#))

Direct-To-Vinyl Means More Profit Direct-to-You

If you run a small to mid-range sign shop or service bureau, then printing with the VinylJet is the perfect way to increase your profitability. ([More](#))

Guaranteed Outdoor Performance

Our partnerships with vinyl manufacturing leaders like Avery-Denison® have enabled us to back VinylJet's unlaminated output by our VinylJet Outdoor Guarantee for up to three years. ([More](#))



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