



WIDE-FORMAT UV LED PRINTERS

# Print on Virtually Everything!

Sun 3D Corporation UV-LED Technology® and our exclusive nano UV-LED printers® portfolio includes solutions for all printing applications from small and wide format digital printers to complex solutions, you can print on virtually any substrate imaginable.

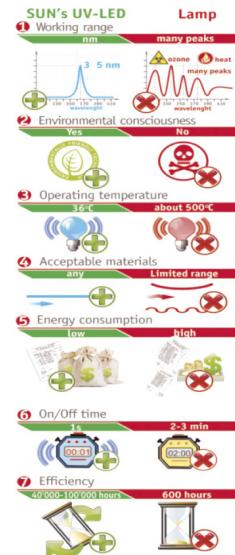
Wood · Metals · Plastics  
Acrylics · Rubber  
Ceramics · Glass  
and much more...

# Print it all with Sun 3D Corporation UV-LED Technology®

With outstanding image quality and excellent adhesion to any substrate and materials now you can produce and print amazing images on almost any product imaginable with 3D embossed print effect on flat and roll media.

## UV-LED Technology® you can:

- Produce point of sale graphics, indoor signage, industrial graphics and product decoration, printing direct to rigid and roll media.
- Print directly on PVC, wood, paper, styrene, acrylic, fabric, board, leather, aluminum, glass, vinyl, electronics, polycarbonate, tiles, metals, plastic, canvas, stone even on water!!!
- Print amazing color images: greyscale print heads variable dot produce high definition and smooth gradation images on skin tones. Our nano UV Inks® produce incredible vibrant images and adhere to almost any substrate imaginable on earth.
- Optional varnish system allows you to add spot



or flood varnish with uniform varnish to any substrate.

- White system can produce images on transparent or colored substrate.
- White-color layers in one pass for two sided images on transparent materials like backlit, vinyl, acrylic, glass, etc.
- Standard ionizing bar to reduce the effects of static on some synthetic materials.
- Sun 3D Corporation UV-LED Technology® allows you to print in a safe environment with no VOC, reduce temperature and lower electrical consumption for added savings. No expensive ventilators necessary.



## nano UV Inks® for Sun 3D Technology UV-LED Technology®

### Ecological compatibility:

nano UV Inks® when cured are ecologically friendly. They are toxic itself (when in liquid form) - but UV-inks are not volatile (do not consist of VOC's). After nano UV Inks® is completely cured during the printing process, UV print can be used indoors. Ecological compatibility confirmed by certificate hygienic.

### High optical density:

We ensure very small milling of pigment. Size of pigment in our ink is about 0.2 micron. Spreading capacity is high.

### Wide color gamut, brightness and true reproduction:

Nowadays many people are fussy about color, especially when it comes to their logos. nano UV

inks® gives excellent brightness and saturated true colors on most substrates.

### Excellent Adhesion:

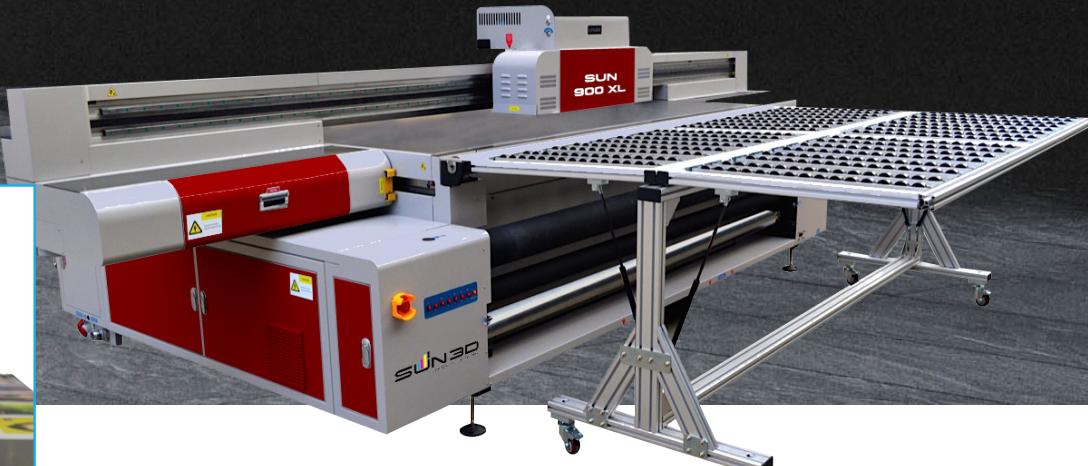
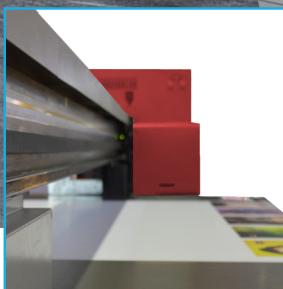
nano UV inks® ensure perfect adhesion when printing on any substrates both flexible and rigid, also on not heat-resistant materials, even on paper!!!

### Light fastness:

nano UV inks® refer to 8+ point (which is the top according to international scale). It means that you can expose printed images on the sun more than 3000 hours (about 3 years). But as usually UV-prints are used indoor: don't forget that 60% of ultraviolet rays are lingered on dual-pane window - due to this light fastness of the image increases many times up to 5-10 years of exposure.

# Sun 900 | 900 XL UV-LED Printers®

Flatbed plus Roll to Roll Option with Sun3D Magnetic Levitation System®



**Material thickness:**  
Up to 3.9'; (100mm)

	MAX SPEED	MAX WIDTH	MAX HEIGHT	MEDIA TYPES
<b>900</b>	<b>1,000 sqf/h</b>	<b>57" Inches</b>	<b>98" Inches</b>	<b>Rigid Substrates</b>
<b>900 XL</b>	<b>1,614 sqf/h</b>	<b>57" Inches</b>	<b>126" Inches</b>	<b>&amp; Roll Media</b>

#### Printing width:

Sun | 900 UV-LED 4.6' x 8.2' - 1,4 x 2,5 m  
Sun | 900 XL UV-LED 4.6' x 10.5' - 1,4 x 3,2 m

#### Resolution:

360x720 dpi x (600 / 1200 / 2400 dpi)

#### Printer Dimensions:

Sun | 900 UV-LED: 11.5'; (3505mm) Height: 3.9'; (1188mm) Width: 5.6'; (1706mm)  
Sun | 900 XL: Length: 12.8'; (3901mm) Height: 3.9'; (1188mm) Width: 5.6'; (1706mm)

#### Printer weight Approximately:

Sun | 900 UV-LED: 3,954 lbs. (1476 kg)  
Sun | 900 XL UV-LED: 4,538 lbs. (1694 kg)

#### Embossing effects with multi-layered print

By several layers of inks your images gain texture with raised effect



#### Reliable and speedy wide-format UV-LED printer for high-quality printing on wide range of substrates.

- Printing directly on any substrate with 3D embossing effect up to 6 mm high.
- Printing on any substrate on roll and rigid media up to 3.9' (10 cm) high.
- Designed to produce high quality images directly onto an endless variety of substrates and materials.
- Highly Productive Direct-to-Substrate UV-LED Printer.
- Downsize your printing costs and will increase productivity.
- Satisfy the needs of design studios and industries like packaging, point of sale, marketing products, Designers & Home decoration as well as usage in professional and recreational sports.
- Print direct to substrate inkjet printers that print directly on any surfaces with super adhesion of ink.
- You get beautiful high resolution color prints on wood, glass, tiles, plastic, metal, stone and many other substrates.

**Patented Magnetic Levitation Technology enables the carriage system to run without any friction and provide the highest possible accuracy of dot placements never seen before in inkjet printers. Photorealistic sharp and vibrant colorful images and text that exceed the expectations of any costumer.**

# Sun | 985 UV-LED Printer®

## Hybrid System Roll to Roll and Flat bed



**Printing width:**  
98.5'; (2,5m)

**Material thickness:**  
up to 8'; (20cm)

**Resolution:**  
720 dpi x 1440 dpi

**Dimensions:**  
Length: 15.2'; (4625mm)  
Width: 3.9'; (1,188mm)  
Height: 5'; (1550mm)

**Weight Approximately:**  
3,748 lbs. (1,700 kg)

**Reliable and speedy wide-format UV-LED printer for high-quality printing on wide range of substrates.**

- Printing directly on any substrate with 3D embossing effect up to 10 mm high.
- Printing on any substrate on roll and rigid media up to 7.9' (20 cm) high.
- Highly Productive Direct-to-Substrate UV-LED Printer.
- Metallic and Varnish Ink System. Perfect for presenting that high-end project because the add attention grabbing and shine to any printed substrate.
- Designed to produce high quality images directly onto an endless variety of substrates and materials.
- Downsize your printing costs and will increase productivity.
- Satisfy the needs of design studios and industries like packaging, point of sale, marketing products, Designers & Home decoration as well as usage in professional and recreational sports. Print direct to substrate inkjet printers that print directly on any surfaces with super adhesion of ink.
- You get beautiful high resolution color prints on wood, glass, tiles, plastic, metal, stone and many other substrates.

**Direct printing on substrates of up to 7.9" Thickness**  
Unique carriage raising system ensures direct printing on 20 cm thick materials  
Top-quality linear displacement system ensures sustainable operations



**Embossing effects with multi-layered print**  
By several layers of inks your images gain texture with raised effect



**Metallic and Varnish Ink System. Perfect for presenting that high-end project because the add attention grabbing and shine to any printed substrate.**

# Sun | 645 UV-LED Printer®

Designers Edition

Hybrid System | Roll to Roll and Rigid Substrates

**Printing width:**

64'; (1,6m)

**Material thickness:**

up to 8'; (20cm)

**Resolution:**

720 dpi x 1440 dpi

**Dimensions:**

Length: 11'; (3,500mm)

Width: 2.3'; (710mm)

Height: 3.6'; (1090mm)



MAX SPEED  
334 sqf/h

MAX WIDTH  
64" Inches

MAX HEIGHT  
7.9" Inches

MEDIA TYPES  
Rigid Substrates & Roll Media

**Printer weight Approximately:**

1,764 lbs. (800 kg)

**Reliable and speedy wide-format  
UV-LED printer for high-quality printing  
on wide range of substrates.**

## Embossing effects with multi-layered print

By several layers of inks your images gain texture with raised effect

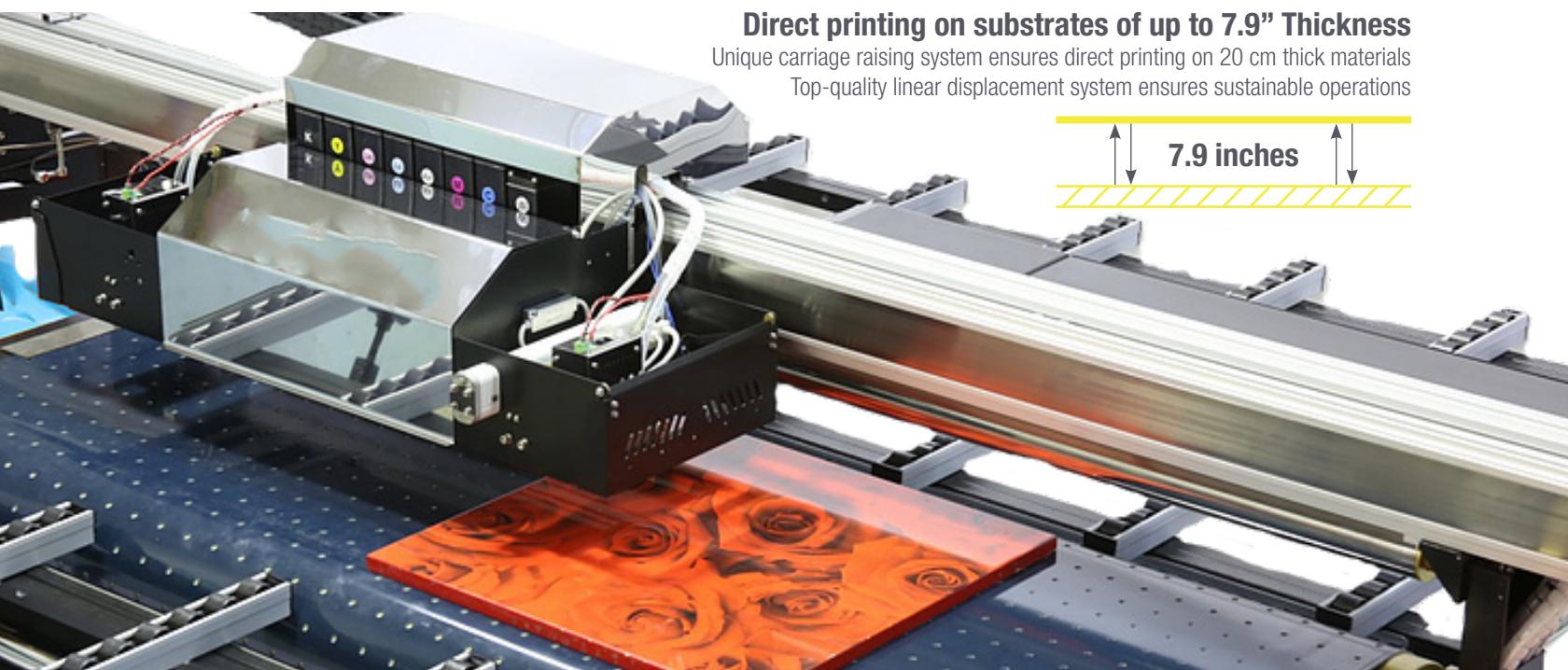


- Printing directly on any substrate with 3D embossing effect up to 10 mm high.
- Printing on any substrate on roll and rigid media up to 7.9' (20 cm) high.
- Metallic and Varnish Ink System. Perfect for presenting that high-end project because the add attention grabbing and shine to any printed substrate.
- Highly Productive Direct-to- Substrate UV-LED Printer.
- Designed to produce high quality images directly onto an endless variety of substrates and materials.
- Downsize your printing costs and will increase productivity.
- Satisfy the needs of design studios and industries like packaging, point of sale, marketing products, Designers & Home decoration as well as usage in professional and recreational sports. Print direct to substrate inkjet printers that print directly on any surfaces with superb adhesion of ink.
- You can get, beautiful high resolution, color prints on wood, glass, tiles, plastic, metal, stone and many other substrates.

## Direct printing on substrates of up to 7.9" Thickness

Unique carriage raising system ensures direct printing on 20 cm thick materials

Top-quality linear displacement system ensures sustainable operations





**Develop the  
full potential  
of your  
business**

**be  
creative**



**Print in  
differents  
substrates**



**The value of  
an idea**  
lies in the use of it»





Creativity is the way  
I share my soul with  
the world»

-Brene Brown-



Your  
success  
is our  
ambition



# Wide Format Printing Solutions

## For Your Business Success

### State of the art features

- Automatic print cleaning system
- Vacuum table switch buttons
- Automatic ink level measurement
- Automatic substrate height measurement sensors
- Automatic substrate positioning
- UV LED curing lamps

### Open up new opportunities

- Speed printing with photo quality incredible rendition of true colors
- Print with one machine on roll media and rigid substrate materials
- Added benefit of printing on heat sensitive materials
- Print on "thick" substrates and finished goods up 7.9in (200mm)
- Give your media a raised effect by printing multiple layers, up to .23in (6mm)
- Capable of printing dimensional 3D images on any substrate

### Perform orders faster

- Print up to 410 sqft per hour
- UV-LED curing dries ink immediately, no need to wait
- Color printing with variable drop technology from 6 to 42 pl resulting in sharp text and vivid images
- Warranty and after sale services available, remote 24-hour support from the Sun service team

### Save your money

- Wide format printer and inks from 1 manufacturer
- Consumes 10 times less energy than mercury lamps
- Longer diode lifetime and VOC/HAP emmisions
- Low cost of ownership

### Primers & Coatings

nano UV Inks® carries a variety of Primers and Coatings, making it possible to print on even more substrates with bright & vibrant, long-lasting results.

### Anti-Bacterial Effect!

Our ink kills harmful bacteria, mold and mildew. Approved by the Federal Service for Consumer Rights Protection and Human Welfare

### Applications

Flooring, Backsplash, Celing Panels, Wall Panels, Table Tops, Doors, Blinds, Window Shutters, Stained Glass, Artwork, Signs, Banners, Custom Cabinets, Electronics, Wall Coverings, Interior Accessories

### Substrates

Glass, Acrylic, Plastic, Metal, Marble, Granite, Stone, Ceramic, Wood, Paper, Canvas, Vinyl, PVC, DiBond, Aluminum, Water, Foamcore, Coroplast, and much more!

• Some of the samples in this folder are artificial renderings • Specifications, design and dimensions stated in this folder may be subject to change without notice (for technical improvements, etc.) • The corporate and merchandise names written in this folder are the trademarks of the respective corporations • Inkjet printers print using extreme fine dots, so colours may vary after replacement of the printing heads, also note that if using multiple printer units, colours could slightly vary from one unit due to slight individual deference. ©Sun 3D corporation All Right Reserved.



These  
amazing wide  
format printers  
are now being  
sold in over  
70 countries



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