# UV&DTG PRINTER

APEX ®

*Print your colorful life*

New Arrival
N6090

APEX

# N4060 & N6090
## Digital UV Flatbed Printer

The N Series digital UV flatbed printer is the latest UV machine of Apex. This model is designed for industrial bulk production with high accuracy printing effects, which can print on almost any material directly. With UV light irradiating during printing procedure, printed images on object surface are dry fast and scratch resistance.

Printer Highlight Features:
* Power clean
* Epson DX5 (Nozzles 180x8) Printer head
* The printing machine can print white color
* The UV light source can be adjusted
* Auto height measurement
* Can print on any material directly
* Finished product is suitable for outdoor use

DX5

APEX

## Specification

| | |
|---|---|
| Model No. | N4060/N6090 |
| Max Printing Size | 23.62"x15.75"(60x40cm) 23.62"x35.43'' (60x90cm) |
| Printing Height | 13cm(5.12") |
| Max Media Weight | 25kg(55.11lb) |
| Printer Head | Epson DX5 |
| Operating Environment | 20-30°C/68-82°F HR40-60% |
| Operating System | Win7/Win8/Win10 |
| Interface | USB3.0 |
| Software Language | Korean, German, French, Dutch, Portuguese, Japanese, Spanish, Italian, English, Chinese, etc. |
| Ink Type | UV Ink |
| Ink Colors | KCMYWWWW / CMYKWWVV |
| Ink System | CISS built inside with the ink bottle |
| Ink Supply | 1000ml/bottle |
| Height Adjustment | Automatic Sensor |
| Driving Power | 110/220V |
| Power Consumption | 380W |
| Ink Consumption | 30ml/sqm |
| Software | Sai PhotoPrint DX |
| Curing System | UV LED Water Cooling System |
| Packing | Wooden Case |

# UV PRINTER COMPARISON ▶

## Apex UV Printers Different Functions Description

| | UV 6090 | N 6090 | TX 6090 |
|---|---|---|---|
| Machine Picture | | | |
| Printer head & quantity | Epson DX5*1 pc | Epson DX5*1 pc | Epson TX800 *2 pcs |
| Design Style | Classic | Upgrade | Upgrade |
| Advanced touch panel | X | X | ✓ |
| Ink damper heating treatment | X | ✓ | ✓ |
| Added fan on the beam (collect flying inks) | X | ✓ | ✓ |
| Antistatic device | X | ✓ | ✓ |
| Print Varnish | ✗ require multiple steps | ✓ convenient | ✓ convenient |
| Extra UV light special for varnish | X | ✓ | ✓ |
| UV Lamp Quantity | 1 | 2 | 2 |
| White ink circulation system | ✓ | ✓ | ✓ |
| Max print material height | 14cm | 13cm | 13cm |
| Print mugs & bottles | ✓ | ✓ | X |
| Printing speed | 3'46" for 720*1440+Bi direction | 4'53" for 720*1440+Bi direction | 1'02" for 720*1440+Bi direction |
| Print precision | Better | Best | Good |

## Purchase guide:

- If you need machine at very competitive price and want to print round shape like bottles, classic UV Series: UV4060/6090 is highly recommended.

- If you want to print varnish, high precision effect and print mugs also, you shall choose N Series: N4060/6090.

- If you need fast printing speed for mass production and no need to print bottlesor mugs, TX Series: TX4060/6090 is your best choice.

mnia
raf

# Water Cooling System
## Special for APEX UV Printer

Water's high specific heat capacity, density, and thermal conductivity, allows water to transmit heat more easily. So it can more efficiently cool down UV LED light, in order to prolong its lifetime.
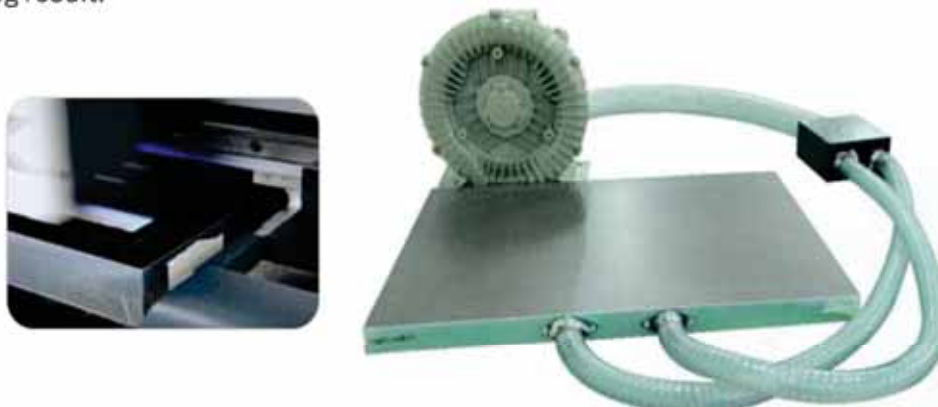
# Vacuum Table
## Special for UV4060/UV6090/N4060/N6090/TX4060/TX6090

Consists of a typically flat rigid surface in which exists small holes to evacuate air from under a workpiece, as to apply varying vacuum from the desired workpiece and table to maintain a clamping force.

To make the soft printing materials like leather more smooth and level, so as to get the best printing result.

Well arranged CMYK+2W ink tanks

Red light will be on if no enough ink.

Additional UV light

Auto-clean button

Glass platform and vacumm table are available

Easy operated board with clear instructions

Ink suction device

Anti-static device

Water cooler system

Ink absorption fan device
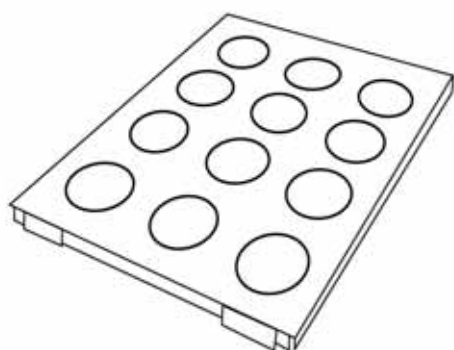
# Special Fixtures
## Bulk Production

To increase the output of production for special product, APEX supplys specific fixture which makes it possible to implement a batch of printing. Contact us now, to customize your unique fixtures for special promotion items.

**Customized Tray- Create Your Own Tray**

**Rotary Tray for both Conical and Cylinders**
2 cups/pass. (L*W:60*40cm)

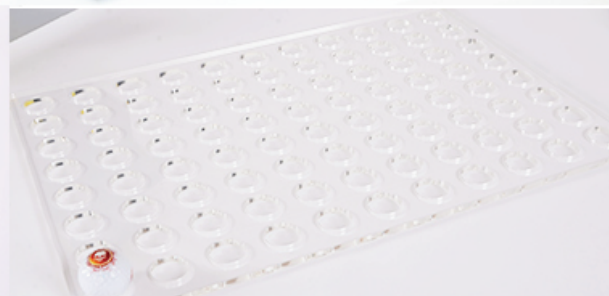**Acrylic Tray for Pen**

**Acrylic Tray for Golf Ball**

**Acrylic Tray for Baseball**

**Acrylic Tray for Hockey Puck**

## +Special Fixtures, Bulk Production



To increase the output of production for special product, Apex suplys specific fixture which makes it possible to implement a batch printing. Contact Now, to custom your unique fixtures for special items.

## Specification:

| | |
|---|---|
| **Model No.** | N4060 |
| **Max. Print Size** | 60 X 90 cm |
| **Nozzle No.** | 180*8 |
| **Printer Head** | Single Printer Head Epson DX5 |
| **Curing System** | UV LED Water Cooling System |
| **Max. Height** | 13cm |
| **Power** | 110V/220V, 50/60HZ |
| **Software** | SAi PhotoPrint DX or DX Plus |
| **Max. Media Weight** | 25kg |
| **Interface** | USB 3.0 |
| **Ink Colors** | KCMYWWWW/KCMYWWVV |
| **Net Weight** | 315 Kg |
| | |
| | |

mnia Craf

Metal with Varnish

Sports & Wine bottles

Wood with spot color effect

Leather

Golf ball bulk production

Round mugs & cookie Jar

Exquisite Printed Phone Cases

Vehicle wrap & Advertising Vinyl

# UV INK, 5Colors
## Perfect for Apex UV Printer

* Innocuous, low content of arom-hydrocarbon, harmful metal element free;
* High curable velocity, suitable to high velocity printing;
* With advanced anti-tack agents, smear-free;
* Vivid color, high color concentration, clear-cut halftone dot;
* Excellent adaptability, excellent on-machine transferring quality

## Specification

Color: C/M/Y/K/W
Light fastness7 to 8
Odor slight
PH: 6.5-7.5
Viscosity: 4-6cps/25°C
Flash Point:100°C
Surface Tension: 20-24 Dynes/cm
Filtration precision:0.5 μ m
Media: Acrylic, Metal, Glass, Ceramic, Wood, PC, PVC,
ABS, PS etc material etc.
Applicable Printer Head: Epson DX5, Epson TX800, Epson DX7, desktop Printer Head
Applicable: UV Lamp LED lamp(wavelength;395nm)
Package: 500ML/1000ML(250ML for samples)
Ink name: UV light curable inks

**UV Pre-Treatment Solution**          **UV Cleaning Liquid**          **UV Varnish Oil**
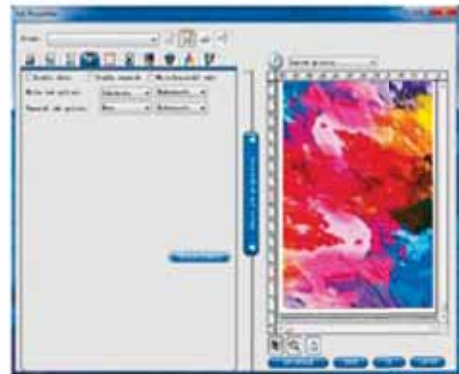
# Magic PhotoPrint Software

Photoprint software is the only all-in-one design, print and cut software for sign and print providers, With nearly 3 out of 4 shops using it, Photoprint is the industry-standard for sign-specific design tools, RIP and print,print-and-cut, and direct vinyl cutting,

Photoprint also stands for innovation. As the first in the industry to launch a mobile app, optional Cloud-based business tools,and flexible purchasing options, Photoprint leads the charge as the most forward-thinking software.

Photoprint makes it easy and affordable to learn. For new users, we make the learning curve as painless as possible by providing free Getting Started videos and an online help manual. Once you're up and running, dive deeper into our Tips & Tricks video playlist, downloadable training DVD, or consider joining one of our hands-ontraining classes held at reseller locations, tradeshows and partner facilities across the globe.

The photoprint drives profitability with features geared for better control over your business, more efficient production, and more accuracy and precision.

.Design tools tailored for print and sign making
.High production RIP, print, contour cutting and vinyl cutting tools
.Easiest print-and-cut workflow in the market
.1000s of supported cutters, printers and hybrids
.Fast-to-learn interface

*With the Photoprint, you can easily print pictures on cellphone cases, mug, stone, metal, any materials.*

**Photo Print DX-MINI**

**PhotoPrint DX Plus**