



## NC-UVDTF30

### Desktop UV DTF& laminating all-in-one machine

UV DTF 30 UV DTF& laminating all-in-one machine.Meeting medium- and small-sized customer's personalized customization,with high-precision, intellectual and versatile features.It can print single label and LOGO, support a variety of materials adhesion, strong flexibility.The integrated machine design realizes the integration of printing and laminating , simplifies the operation and reduce the cost.

## Features

#### Imported printing head, high precision, stable and durable

Equipped with the original import stable and durable print head, the highest accuracy up to 1200dpi, high color reproduction and delicate picture quality; white color and varnish at the same time, dry immediately.



#### 30CM printing width

Printing width of 30CM, unlimited length. Printing thickness in 1mm, UV DTF products are exquisite, meeting the adhesion needs of most products.



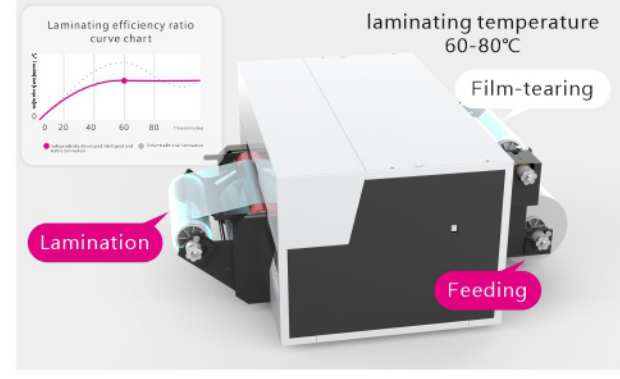
#### Small size, easy operation

Small size, strong adaptability, suitable for shopping malls, scenic spots and other scenes. Intelligent control panel design, one click to complete the test, cleaning, printing, ink pumping, and other functions, convenient and efficient.



#### Intellectual laminating and rewinding

UVDTF30 printer can feed, tear film, print, laminate all in one, reduce complicated operation, save time and labor costs. Automatic film-tearing and laminating realizes integrated intelligent production.



#### Intelligent inking, stable and comfortable

Intelligent ink filling system to prevent ink leakage and wrong filling. At the same time with automatic ink circulation and ink shortage alert function to prevent ink precipitation, intelligent tips are more comfortable.



#### Humanized design, the details understand you better

Equipped with suction platform and transfer press, make the transfer of materials more smooth, output high-quality products stably during printing; front and rear ruler design, accurate positioning the materials.



## Application

UV DTF is widely used in the industry, it can adapt to a variety of shapes and materials, excellent flexibility. The utility model has the advantages of scratch-resistant, wear-resistant, strong waterproof performance, strong adhesion, and no easy warping or falling off. DTF is suitable for many kinds of adhesive materials, such as glass, metal, ceramics, wood, plastic, paper, canvas, leather, etc. .Widely used in customized gifts, packaging, sports goods and other fields.

#### Simple production process and steps



1. Typesetting according to the size of the design on the computer.



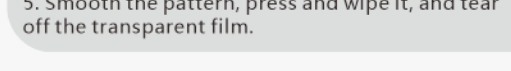
2. Adopting Nocai UV DTF 30 printing machine to print and laminate in one step.



3. Trimming the crystal film after printing.



4. Remove the A film and align it with the prepared product.



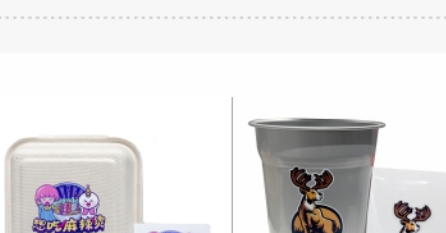
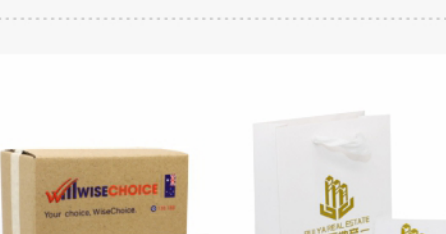
5. Smooth the pattern, press and wipe it, and tear off the transparent film.



Finished products shown. Can achieve 3d relief and varnish effect. Scratch-resistant, wear-resistant and waterproof.

#### Applicable to 99% of materials

#### Wide range of applications



## Product parameters

|                                                                              |                       |                                                                |
|------------------------------------------------------------------------------|-----------------------|----------------------------------------------------------------|
| Model number of the machine                                                  |                       | NC-UVDTF30                                                     |
| Print head configuration                                                     |                       | EPSON I3200-U1HD*1                                             |
| Picture of print head                                                        |                       |                                                                |
| Print head ejection force range                                              |                       | 2-3mm                                                          |
| Number of nozzle rows                                                        |                       | 3200 pcs                                                       |
| Distance between nozzles                                                     |                       | 1/300 inch                                                     |
| Rows of nozzles                                                              |                       | 8                                                              |
| Maximum number of ink colors supported                                       |                       | 8                                                              |
| Ink droplet ejection performance (ink droplet volume and ejection frequency) | 2 levels of grayscale | 5pl (43.2kHz)                                                  |
|                                                                              | 3 levels of grayscale | 6.0-12.5 pl (21.6kHz)                                          |
|                                                                              | 4 levels of grayscale | 3.8-6.2-9.3pl (21.6kHz)                                        |
| Printing width                                                               |                       | 30cm                                                           |
| Printing depth                                                               |                       | 0-1mm                                                          |
| Printing pattern                                                             |                       | White and color and varnish print at same time                 |
| Printing mode                                                                |                       | KCMY+W+V                                                       |
| Resolution                                                                   |                       | 960x1200dpi / 960x900dpi                                       |
| Machine size                                                                 | length*width*height   | 919mm*980mm*450mm                                              |
| Net weight                                                                   |                       | 75kg                                                           |
| Packaging size                                                               | length*width*height   | 1.12m*1.12m*0.6m                                               |
| Gross weight                                                                 |                       | 100kg                                                          |
| Printing software                                                            |                       | Future RIP                                                     |
| Applicable materials                                                         |                       | DTF AB film, release film, advertising soft roll material etc. |
| Printing speed range                                                         |                       | 0.76-7.2m/h                                                    |
| Text format                                                                  |                       | Tiff,Jpg,Eps,Pdf                                               |
| Connection mode                                                              |                       | Network cable                                                  |
| Power supply and voltage                                                     |                       | AC220±10, 50HZ~60HZ                                            |
| Rated power                                                                  |                       | Maximum 404                                                    |
| Pressing temperature                                                         |                       | 60-80°C                                                        |
| Working Environment                                                          |                       | Temperature: 20°C-28°C Humidity: 35%-65%                       |
| Operation condition                                                          | Dust                  | Avoid dusty environment                                        |
|                                                                              | Light                 | Avoid direct sunlight                                          |
| Ink type                                                                     |                       | UV DTF special uv ink                                          |