

UV DTF

Upgraded - AB Film roll to roll printing machine



CMYK + W + Varnish

● 4 Colors + White & Varnish Are More Expressive

Equipped with 6 ink tanks, 4 colors of ink can be installed.

It can finish exquisite shading with high precision.

In addition, using white ink and clear varnish,

it has rich expressive power and fulfills various needs.

● Print Varnish And 3D Relief Effects

The heads of white color varnish ink jet at the same time, which can produce 3D relief and multi-layer transparent bump effect, including amazing varnish glossy effect and matte finish.

● High-Performance Inks For A Variety Of Applications

It is an eco-friendly UV ink with excellent color development and color reproducibility.

It is cured by ultraviolet radiation. In addition to bright colors and style, it also has strong adhesion.

● Technical Specifications

Model	IDS -300 Pro
Printing Technology	Three I TX800 Print Heads
Print Head	Piezoelectric Inkjet
Acceptable Media	Width ≤300(mm) Thickness ≤1.5(mm)
Ink Cartridges	Capacity Color siphon + white ink auto stirring Color CMYK + W + CMYK + Varnish
Printing Resolution	Maximum 2400 dpi
Speed	4pass (720x720) 5sqm/h, 6pass (720x1080) 3 sqm/h
Ink Curing Method	Dual UV LED Lights
Power	1100W
Interface	USB 2.0
Power Supply	AC 220V ± 10%, 50/60 HZ
Dimensions(with stand)	1160(L) x 940(D) x 1090(H) mm Machine size 1240(L) x 830(D) x 580(H) Packing Size
Weight(with stand)	100 kg
Environment	Power on Temperature: 59 ° to 90 ° [15 °C to 32 °C] / Humidity: 35 to 80% (no condensation) Power off Temperature: 41 ° to 104 ° [5 °C to 40 °C] / Humidity: 20 to 80% (no condensation)

● Laminating device

Comes with a laminating system, realizes the function of laminating while printing, easily reduces manual operations, and can print a whole roll of A film with glue.

● Epson TX800 Print Head

PrecisionCore Technology a. MEMS manufacturing and thin film piezo element can realize high precision and high density (600 dpi/2 rows of nozzles). Contributes to compact, high speed, high quality, and high image quality. Precision made of Epson unique MEMS nozzles and an ink flow path ensure the perfectly round ink droplets are placed accurately and consistently.



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Ink supply system

Using white ink and clear varnish, it has rich expressive power and fulfills various needs. An additional spray print head can be added to realize the application of bronzing varnish and direct glue.



Safety structure design

The overall printer cover can improve the operation safety, reduce the adhesion of dust in the printing process and ensure the printing quality.



Smart operation

High quality output, simple and efficient operation. MQ-300 Super multifunctional flatbed contains many advanced functions to complete high-quality printing jobs with simple operations.