

EL3020UV

UV digital flatbed printer



Detailed Description

1. With professional application solutions, as an UV flatbed printer, the Series S is specially printed on all kinds of flat medias.
2. There are various printing modes, to realize excellent printing effect likes photos.
3. Its white printing can be based white, covering white, partial white and gradient white color. The varnish printing also can be applied as a special effect.
4. It can work with different combination of chromatic colors with white color and lucid color on the same printing.

Complete Configurations

The most reasonable mechanical structure is designed by Atlanta industrial company US.

The precisely designed platform is derived from USA, its tolerance less than 0.05mm

Advanced grayscale industrial Konica Minolta print head with longer using life and perfect printing.

Automatic detection device for thickness of medium

Automatic medium positioning device

The best controlling technology of print heads voltage and ink temperature to avoid jammed

Most professional ICC color management and the leading white-color-printing arbitrarily

General Informations

Print-head	Industrial drop-on-demand piezo electric
Print-head controlling	Software controls them automatically, triple protection
Color Management	ICC based color, curves and density adjustment
Interface	Higher speed USB
Ink characteristics	High quality of- UV Curable inks with attractive price
Ink curing system	Dual UV led curing system
Vacuum adsorption	four vacuum zones also can be a total
Negative pressure control	Imported vacuum generator
Computer system	Win7, Win10, 64 bits
Power supply	110 / 220 / 380VAC, 50/60Hz
Max. Power	8000W
Suitable Environment	Ambient Temperature:15 - 30°C , Humidity:20%-80%
Control Software	Innovative Eltop operation and SeeGet or photoprint Rip Software
Accepted File Formats:	All popular desktop files formats such as PEG, AI, EPS, PDF, TIFF, SVG, etc.
Warranty	12 months since shipment

Technical Specifications

Model name	EL3020UV				
Print-head	4 /8/12 heads : Based on CMYK. White, LcLm, Varnish are optional				
	High Speed- 3 PASS	Production- 4 PASS	Good Precision- 6 PASS	High Precision- 8 PASS	Highest Precision- 12 PASS
Konica1024iMHE-13PL Resolution- DPI	720x1080	720x1440	1440x1080	1440x1440	1440x2160
Konica1024iSHE-6PL Resolution- DPI	720x2160	720x2880	1440 x 2160	1440 x 2880	1440 x 4320

Printing Speed with 4 heads in One Row of CMYK	68 sqm/hr	54 sqm/hr	35 sqm/hr	28 sqm/hr	18 sqm/hr
Printing Speed with 4 heads in One Row of CMYK + White, LcLm, Varnish in second Row	68 sqm/hr	54 sqm/hr	35 sqm/hr	28 sqm/hr	18 sqm/hr
Printing Speed with 8 heads in Two Rows of CMYK	116sqm/h	90 sqm/h	62 sqm/h	50 sqm/h	32 sqm/h
Printing Speed with 8 heads in Two Rows of CMYK + White, LcLm, Varnish in Third Row	116sqm/h	90 sqm/h	62 sqm/h	50 sqm/h	32 sqm/h
Outdoor durability	5 years with specified uv inks				
Print head life	5 years on 10 hours working every day				
Machine life	Above 10 years				
Max. printing size	3200 x 2000mm				
Max. media thickness	100mm				
size of machine	5000 x 2200 x 1500mm, 1900KGS				
size of package	5370 x 2300 x 1700mm, 2300KGS				
Printing medias	All kinds of flat medias such as Glass, Metal, Acrylic, Wood, Ceramic, foam core, PVC, Advertising banner, Paper, Vinyl, Fabrics, etc. And all soft roll medias which width is within 3200 x 2000mm				