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2025-标签设备解决方案-V2

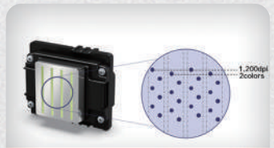
Website

WeChat

LQ-MD 320HDL

Printing And Laser Cutting Machine





High Resolution Heads



Automatic Cleaning



Web Guide Unit



Laser Cutting Unit

Introduction

The LQ-MD 320HDL is a high-speed printer capable of 48m/min, equipped with up to 18 Epson print heads for high-resolution output. It ensures quality printing with its constant tension winding and negative pressure ink supply system.

It is equipped a versatile laser cutting machine that allows for customization with various modules. It is designed to meet specific user requirements, offering optimal cutting results and production efficiency.

Specifications

Model	LQ-MD 320HDL
Feeding Width	350 mm
Head Type	EPSON I3200(6)-A1HD/EPSON I3200-A1
Ink Type	4 color dye ink
Printing Width	297 mm
Number of Heads	Standard 18 unit
Ink Supply Type	Negative pressure ink supply (optional degassing module)
Feeding Size	Max. Width: 330 mm
Max. Printing Speed	48 m/min (the speed may vary with different shapes, materials, and thickness)
Cutting Precision	±0.15 mm
Cutting Width	350 mm
Cutting Length	Unlimited
Unwinding Diameter	600 mm
Rewinding Diameter	600 mm
Machine Power	6 KW
Laser Power	150W, 200W, 300W, 600W (Negotiable)

Application







LQ-MD 108/216/330

Digital UV Label Printer





Web Guide Unit



Optional Varnish/Foil Module



Web Cleaner&Corona

Introduction

The LQ-MD 108/216/330 Digital UV Label Printer is a hybrid printing device that combines digital and traditional printing technologies. The entire system is highly cost-effective and can be regarded as the "ideal choice" for printing companies that are expanding their production capacity and those that wish to add a digital production line alongside their existing analog machines. It helps customers build a complete digital printing production line.

Specifications

Model	108	216	330
Printing Technology	DOD piezoelectric inkjet Kyocera Head		
Printing Width	108 mm	216 mm	314 mm
Ink	LED-UV curable ink		
Number of Print Heads (scalable)	4 (expandable)	8 (expandable)	12 (expandable)
Printing Speed	Up to 50m/min (164ft/min)		
Color	CMYK (expandable to W, V and spot color)		
Ink Tank Volume	3 L		
Roll-fed Width	Max. 230 mm	Max. 250 mm	Max. 380 mm
Roll Diameter	Max. Φ500 mm	Max. Φ600 mm	Max. Φ700 mm
Media Width	Max. 230 mm	Max. 250 mm	Max. 350 mm
Material Thickness	0.08-0.5 mm (0.003-0.02”)		
Working Environment	Temperature: 15-30℃ (59-86F) Relative Humidity: 40-60% (Recommended)		
Weight	1430 kg	2400 kg	2700 kg
Dimension	2000×1300×1850 mm	3360×1600×2200 mm	3500×1750×1850 mm

Application







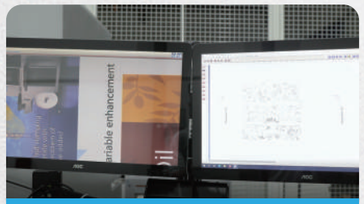
LQ-MD 330DS

Digital Enhancement System





Auto-maintenance



Intelligent Detection System



UV Curing

Introduction

This Digital Enhancement System combines digital stamping (embossing), digital varnishing, 3D bright, spot varnishing, braille, personalized arts, variable data printing, special printing process to highlight your press work and multiply the value. It has the advantages of high efficiency, low cost and high added value to quickly complete very minimum to medium length orders. Together with traditional printer, digital printer and other post-processing technology, it can perfectly solve most post-processing problems.

More product applications to create high added value

The product application covers liquor, red wine, cosmetics, fast moving consumer goods and other fields it is more competitive especially in the wine label, flexible package, and washi tape, journal, calendar and other products. It can not only increase the added value of customers' products, but also enhance its unique market competitiveness.

Specifications

Model	LQ-MD 330DS
Digital Printing Technology	UV inkjet, DOD inkjet printing+KM1024i
Resolution	360×360 DPI, Max.1440×360 DPI
Printing Speed	6m/min-30m/min(depends on inkjet layer thickness)
Printing Image Size	Max. image width: 288 mm Max. image length: 5 m
Resolution	1200×600/1200×1200 DPI
Substrate Thickness	30-400 um
Max. Paper Feeding Width	330 mm
Net Weight	About 3000 kg
Environmental Requirements	Temperature:15℃-30℃ Relative humidity: 40%-80% non-condensing
Electrical Requirements	Voltage: 3×380; +/-5%; 3-phase+G+N (star connection) Frequency: 50/60 Hz Current: about 25 amps Power requirement: Avg: 13.5 KVA during production Max. : 30 KVA Line requirements: Min. 50 A
Dimension	3500×1900×1800 mm

Application



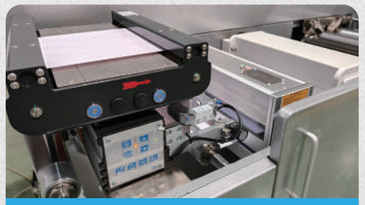




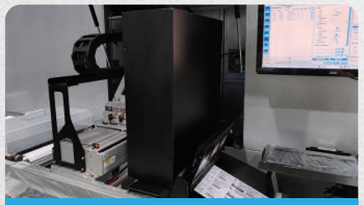
LQ-MD 350

Mono Label Digital Printing Machine

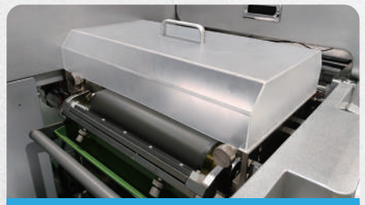




Minimal Maintenance



Energy Efficiency



Compact Design

Introduction

The Mono Label is a single color digital printing machine, with an intergrated inline flexo coating unit, which allows the customer to apply different kinds of LED-UV cured primers. It is built on reliable digital UV inkjet technology and solid mechanical structure.

Specifications

Model	LQ-MD 350
Printhead	XAAR 2002
Resolution-native	720×720 dpi
Printing Speed	Up to 50 m/min
Print Width	280 mm
Inks	Single color LED-UV Ink
Loading Capacity	Roll Diameter up to 700mm(3 inches core)
Substrate Width	Up to 350mm
Substrate Thickness	30-500 um
Substrate Type	Coated and uncoated paper, PVC, PP, PE, Aluminum Foil, etc.
Coating Station	An intergrated flexo unit for applying LED-UV cured primer
Net Weight	3500 kg
Environmental Information	Temperature: 15-30℃ Relative humidity: 40%-70% non-condensing
Electrical Requirements	Voltage:3×380±5%; 3-phase+G+N(star connection) Frequency:50/60Hz Compressed Air:6-8 bar
Dimension	3700×1900×1600 mm

Application

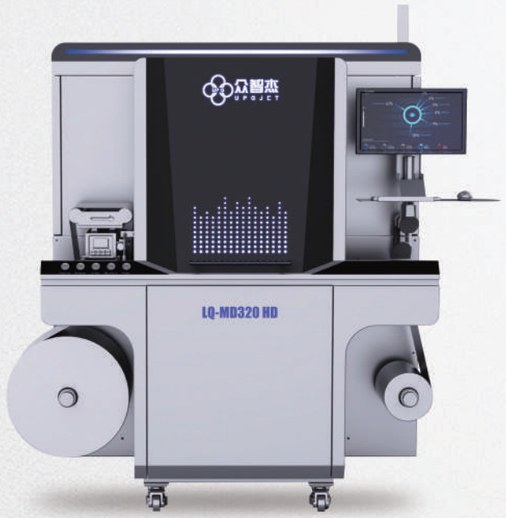


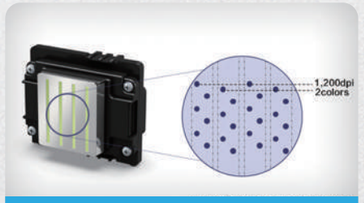




LQ-MD 320HD

Water-Based High Resolution Inkjet Label Printer





High Resolution Heads



Automatic Cleaning



Quick Check Platform

Introduction

The LQ-MD 320HD can be equipped with maximum of 18 Epson I3200-HD print heads at most. It can achieve high-resolution variable drop printing with maximum of 1200*1200DPI in the Single pass mode, and the fastest printing speed can reach 48m/min. This can provide customers with printing products that feature high productivity, high precision, rich gradients and gorgeous colors.

This equipment features constant tension winding with servo correction, utilizing an optimization algorithm to adjust motor torque in real time, ensuring stable label winding and high-quality printing. It also incorporates a degassing negative pressure ink supply system to minimize clogging risks and extend maintenance intervals, while offering flexible printhead configurations to accommodate various budgets and printing needs.

Specifications

Model	LQ-MD 320HD
Head Type	EPSON I3200(8)-A1HD/EPSON I3200-A1
RIP	Maintop/Color gate
Feeding Size	Max. Width: 330mm
Printing Width	297 mm
Number of Heads	Standard 18 units
Roll Diameter	Max. 500 mm
Ink Supply Type	Negative pressure ink supply (optional degassing module)
Ink Color	CMYK
Ink Type	Water-based dye ink
Max. Printing Speed	48 m/min
Drying Method	Infrared IR and hot wind drying
Power Supply	220 V, 50-60 Hz; 12 KW
Working Environment	Temperature 20-35°C; relative humidity 50%-70%
Weight	850 kg
Dimension	1560×1200×1832 mm

Application







LQ-MD 330M

Digital Label Solution




Environmental-friendly Ink


Intelligent Detection System


Four Knives


Laser Cutting Head

Introduction

This digital lable solution uses self-developed inkjet printing system, with environmentally friendly water-based ink, to ensure that there is no ink break in mass production.

The fastest printing speed can reach 18m/min, and the highest resolution can reach 1200×1200dpi.

Equipped with a three-axis servo constant tension paper path system, which can adapt to different tensions for different grams papers to ensure stable paper feeding

Integrated with operate the computer standard RIP system and autonomous operation software can optimize most print quickly.

Suitable for small batch self-adhesive label paper with high cutting accuracy and fully automatic cutting.

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Specifications

Model	LQ-MD 330M	
Ink Type	Water-based dye/pigment ink	
Cartridge Capacity	1000 ml×4 colors	
Printhead Model	297	
Number of Printhead	1	
Resolution	Max. 1200×1200 DPI	
Print Speed	Max. 18m/min	

Model	Blade Cutter	Laser Cutter
Material Support Width	350 mm	350 mm
Cutting Length Range	10-300 mm	Unlimited
Max. Cutting Speed	1-5m/min (According to the label size)	
Number of Knives	4	1
Repeated Die Cutting Precision	±0.1 mm	
Dimension	2000×1100×1600 mm	2200×1500×1500 mm

Application







LQ-MD UV330

Printing and Cutting Intergrated Machine




Scanning Printing


Buffer


Cutting Unit


Laser Cutting Head

Introduction

LQ-MD 330UV is an all - in - one UV scan type printer with in-line cutting machine. It offers high - precision printing via scanning, with high color fidelity and robust industrial grade design. The machine can print white, varnish, and colored UV inks on paper, adhesive materials, and flexible packaging plastic films. It also integrates downstream processes like printing, die - cutting, laminating, and slitting. This makes it a cost effective one stand solution for printing proofs, small - batch production, and custom labels.

Specifications

Model	LQ-MD UV330	LQ-MD AQ330
Maximum Roll Diameter	320 mm	
Maximum Media Width	330 mm	
Printhead	EPSON i3200-U1×4	EPSON i3200-A1×4
Ink Type	UV Ink	Pigment/Dye Ink
Ink Colors	CMYK+W+V	CMYK
Ink Bottle Capacity	1000 ml	
Printing Speed	0.8-1 m/min	1-2m/min
File Formats	PDF, AI, CDR, PS, JPG, TIFF, PNG, ETC.	
Cutting Length	10-300 mm	Unlimited
Cutting Width	20-320 mm	
Repeat Die-cutting Accuracy	±0.1mm	
Number of Die-cutting Heads	2-4	1
Number of Slitting Knives	Standard 4 (optinal according to requirements)	
Weight	1800 Kg	
Power	4KW AC220V 50HZ/60HZ	
Dimension	2200×1800×1600 mm	

Application

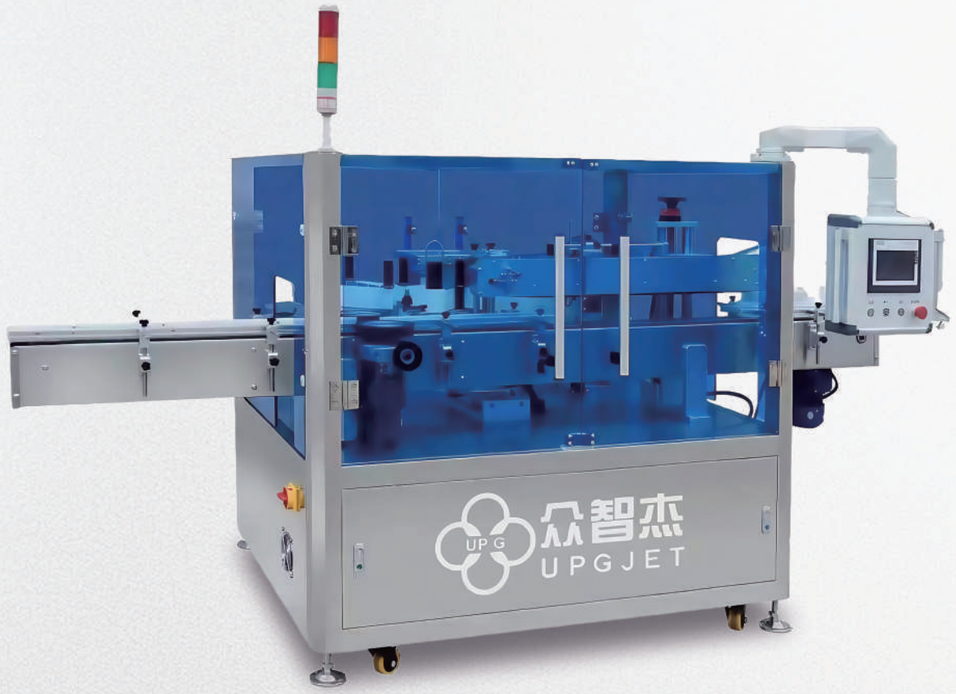






LQ-MD 215DT

Digital Printing and Labeling Machine

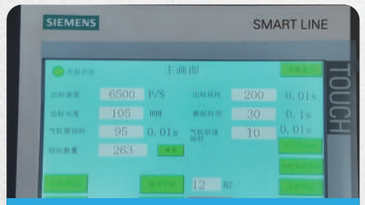




Printing Unit



Labelling Unit



Control Panel

Introduction

This machine is ideal for labeling round bottles in pharmaceutical, chemical, and food industries. It uses a belt drive for bubble-free labeling at speeds up to 50m/min. Equipped with a 3-axis roller labeling device, it handles various bottle sizes and materials, with options for single or double labeling for precision and speed. It features an advanced HMI system for easy operation and minimal training.

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Specifications

Model	LQ-MD 215DT
Resolution	Max. 1200×1200 DPI
Maximum Speed	85mm/s (300×600dpi)
Print Width	211.9 mm
Printing Width	25-215.9 mm
Printing Length	25-350 mm
Size of the Round Bottle	Diameter 20-100 mm
Effective Height of the Round Bottle	30-300 mm
Labeling Accuracy	±1 mm
Labeling Direction	Left
Applicable Paper Tube	3inch
Power	220V 50/60 HZ 1000W
Dimension	2300×1030×1400
Weight	200 KG

Application







LQ-MD 350L

Digital Label Laser Cutter





Laser Cutting Head



Introduction

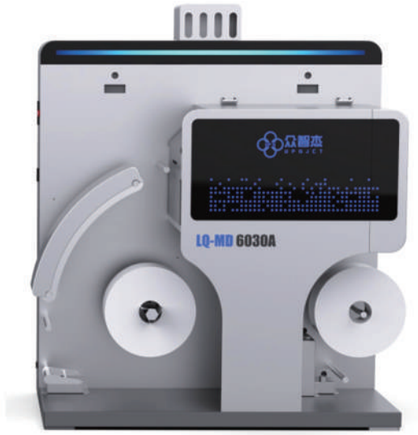
LQ-MD 3550 is configured with advanced optical components and high-performance optical modes, ensuring drive stability to enhance cutting accuracy through its high-speed, high-precision X-Y gantrv galvanometer and automatic constant tension control system.

Specifications

Model	LQ-MD 350L
Laser Source	CO2 RF metall aser
Laser Power	30W/60W/100W
Working Area	350×500 mm
Platform	Vacuum negative pressure platform
Processing Form	Roll to roll (optional: roll to sheet)
Cutting Accuracy	±0.1 mm
Dimension	2200×1500×1500 mm

LQ-MD 603A

Wash Label Inkjet Printer





Printing Unit



Introduction

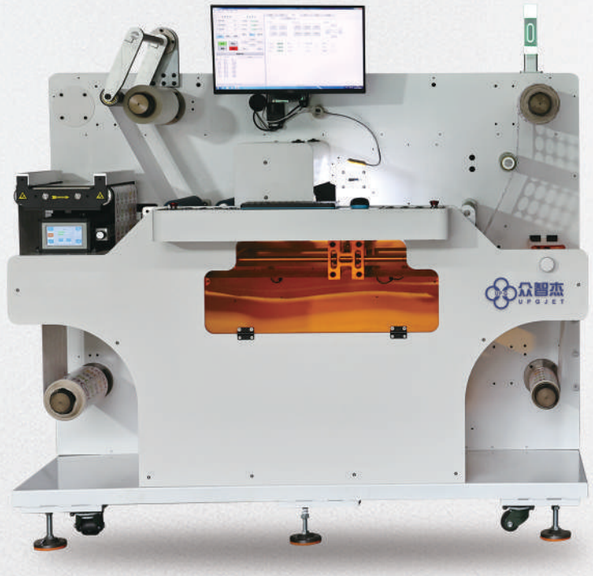
This machine is suitable for various wash-resistant inkjet coated substrates (coated tapes, satin tapes, polyester tapes, hemmed tapes, tear-away tapes, cotton tapes, etc.), as well as various colorful woven ribbons for gift packaging. It is matched with special wash-resistant CMYK four-color inks. The printing quality can meet the requirements of grade 4 dry and wet rubbing for wash - care labels and AATCC61-2A washing for 10 times.

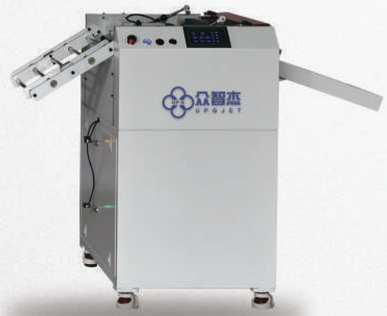
Specifications

Model	LQ-MD 603A
Printing Width	25mm to 108mm
Printing Speed	Max.119 mm/s (300×600dpi)
Printing Resolution	Max.1200×1200dpi
Printing Ink	Pigment ink
Ink Color	CMYK
Voltage	100V-240V
Dimension	1150×630×1350mm

LQ-MD 330S

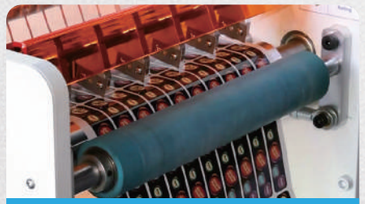
Digital Label Cutter



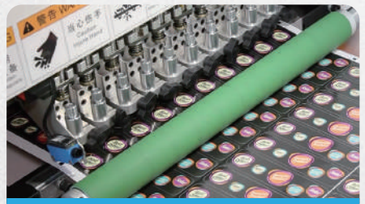




Alignment Sensor



Split Knives



Cutting Unit

Introduction

This equipment excels with its high rigidity for precision cutting, stability, and speed. It features a high-precision ball screw motor for superior accuracy and longevity. The adaptive tension control maintains consistent force regardless of material width, ensuring stability. Its modular design simplifies maintenance and ensures reliable circuit connections.

Specifications

Model	LQ-MD 330S
Material Support Width	60-320 mm
Max. Cut Label Width	320 mm
Cutting Tag Length Range	10-900 mm
Die Cutting Speed	15 m/min (specifically it is according to die track)
Number of Cutting Heads	4-10
Number of Split Knives	5 (selected according to demand)
Die Cutting Progress	±0.1 mm
Machine Size	1600×1200×1800 mm
Machine Quality	1500 kg

Model	Slitter
Material Support Width	60-320 mm
Max. Cutting Length	1 m
Power	220 V, 50-60 Hz, 600 W
Dimension	1200×700×1000 mm

Application







LQ-MD 330B

Digital Label Cutter





Web Guide Unit



Servo Cutting Knives



Ball Screw

Introduction

This intelligent, economical, and efficient small digital cutting machine is perfect for small batch self-adhesive label paper. It requires minimal floor space, offers high cutting accuracy with fully automatic cutting, and features one-button start and stop to save labor.

Specifications

Model	LQ-MD 330B
Material Support Width	350 mm
Cutting Length Range	10-300 mm
Cutting Speed	15 m/min
Number of Cutting Heads	4
Number of Knives	standard 5
Repeated Die-cutting Precision	0.05 mm
Dimension	1000×1015×1600 mm

Application





