LQ-MD 440C Inkjet Rotary Digital Printing Machine



Introduction

LQ-MD 440C is equipped with 600×1200dpi industrial-grade on-demand piezoelectric printhead. Through self-developed inkjet control technology, the printing image is clear and the color is rich and gorgeous, which is comparable to offset printing effect. Production speed up to 1010 A4/min which can meet multiple printing needs, independent research and development of water-based pigment ink, supporting a wide range of printing media, including coated paper, photo paper and other special materials, helping users to produce a variety of color books, manuals,instruction book and etc.

Features & Advantages



Four-color double-sided single pass quality which can compete with offset printing



The production efficiency is stable which can meet the existing business requirements of users



It can carry coated paper, photo paper and other media to meet the needs of individuation and customization

Software and hardware system with independent research and development

We adopt design philosophy of systems engineering, the automatic degree of machine is higher, the connectivity of whole machine is better, and it reduces the difficulties of operation greatly. The operated process is stable and efficient.

Inkjet system with own intellectual property rights

The inkjet system has complete data processing progress, with the industrial on-demand piezoelectric printheads, the maintenance is convenient,unique break prevention technology can do folio seamless printing. The printheads moisturize and clean automatically, it can print immediately after startup, and keep the whole progress no broken thread for ink supply.

Independent product ink

With independent research and development of the production of ink, rich layers, clear images, overly soft, with good printing adaptability, more with low power drying drying performance and paper adaptability.

Integrated cutting stack system

All equipment products are unified production, the overall connectivity is stronger, maximize the automation function of post-press equipment, automatic buffering, cutting, stacking, to achieve non-stop stacking, support dislocation stacking function, more labor saving, help the development of enterprises.

Application



Drawing book



Magazine



Menu



Short edition books



Invitation card



Leaflet

Specification

Model	LQ-MD 440C
Printhead	Industrial grade eucalyptus needs piezoelectric printhead Highest resolution 600×1200dpi
Ink type	Water-based pigment ink
Printing method	Four color duplex
Print speed	1010 A4 sides/min at speed of 75 ml/min
Max paper width	440mm
Paper range	40g-200g
Paper type	Ordinary offset paper, digital offset paper, inkjet coated paper, coated paper, photo paper
Software	Workflow inkjet edition, support a variety of international standard file formats
Paper feeding	
Paper feeding and winding mechanism	Automatic roll feeding
Maximum winding diameter	1270mm
Maximum winding width	440mm
Cutting line	
Max speed	100m/min
Paper gram	40gsm-200gsm
Paper width	140mm-440mm
Max paper receiving width	440mm
Max paper receiving length	450mm (paper receiving length can be customized, such as:880mm,etc)
Support various sizes and specifications of cutting	For example, 16 in a longitudinal arrangement and two in a stack
Cutting book block stacking sub-system	Including buffer, cutter, stack, conveyor and so on

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