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KARTECH

FLATBED COLOR

Box Die-Cutting

KF SERIES



Authorized Dealer

شركة ديجيتال ستار
DIGITAL STAR COMPANY



Source of Digital Solutions...

Welcome to Digital Star, your trusted partner in the world of cutting-edge printing solutions. As a leading printing machines, materials, and ink authorized dealer in The Kingdom of Saudi Arabia, we pride ourselves on delivering state-of-the-art technology that empowers to achieve unparalleled levels of efficiency and quality.

At Digital Star, we understand the pivotal role that printing machinery plays in the success of your operations. With a commitment to innovation and excellence, we curate a diverse range of top-tier printing machines to meet the unique needs of our clients. Our product line-up reflects the latest advancements in the industry.

As a responsible printing machines supplier, we prioritize sustainability. Our commitment to eco-friendly practices is reflected in the products we offer, promoting energy efficiency and environmentally conscious manufacturing processes. When you choose Digital Star, you're not just investing in cutting-edge technology – you're partnering with a company that values the planet as much as your success.

About Us



KF SERIES

COLOR BOX DIE-CUTTING

High-Precision Flatbed Digital Cutting Machine

KF - SERIES

The KF-Series color box die-cutting sample machine is a high-precision flatbed digital cutting machine designed for the packaging industry and printing sample production. Whether it's a carton, color box, or other packaging samples, the KF-Series is capable of fast and accurate cutting and creasing, helping companies ensure perfect product design and craftsmanship at the sample stage.

KF-Series Color Box Die-Cutting Sample Machine Overview

KF-Series color box die-cutting sample machine is a high-precision flatbed digital cutting machine designed for the packaging industry, focusing on die-cutting, creasing and scoring of color boxes, gift boxes and other packaging samples. The machine's digital control system enables precise cutting and efficient sample production, providing reliable support for design verification, customer presentations and pre-production evaluation.

Whether it's cardboard, corrugated cardboard or thin plastic sheets, the KF-Series can quickly complete cutting and creasing pre-processing while maintaining material integrity, dramatically reducing errors and time costs associated with traditional manual operations.

Core Features and Benefits

- High precision cutting and creasing
- Cutting accuracy of $\pm 0.1\text{mm}$ ensures precise rendering of complex patterns and creases.
- The depth of indentation is adjustable for different thicknesses and materials, avoiding material breakage or uneven creasing.
- Supports one-time cutting and creasing operation, saving operation time.
- Multi-material compatibility
- Suitable for a variety of packaging materials such as cardboard (100-600gsm), corrugated cardboard, PVC board, PET flakes, etc.
- Can flexibly cope with the needs of multiple scenarios such as color boxes, gift boxes, cosmetic packaging, electronic product packaging, etc.
- Intelligent operating system



- Built-in high-definition touch screen and simple operation interface, can directly import design files (AI, PDF, DXF and other formats).
- The software can preview the cutting path and folding line in real time, which reduces trial and error and improves the accuracy of samples.
- Built-in auto-calibration function ensures consistency and high quality of each cut.
- Efficient production and safe design
- Stable and reliable flatbed drive system, fast cutting speed, 3-5 times higher efficiency than traditional manual die cutting.
- Low noise operation, suitable for office environment and sample making workshop.
- Fully enclosed protective cover and emergency stop device ensure the safety of operators.

TYPICAL APPLICATION SCENARIOS

Packaging design sample production: quickly transform the design into a high-quality color box or gift box samples, which is easy for customers to review and confirm. Printing and packaging enterprises: reduce manual die-cutting errors, improve sample production efficiency, & speed up the design and production process. Creative studios and design colleges: used for innovative packaging design verification, improve design efficiency and finished product accuracy. Small batch customization: support customized sample production to meet personalized packaging needs.





MACHINE SIZES

MODEL	WORKING SIZE	TYPE OF COUNTERTOP
KF-0912	900*1200mm*55mm	CONVEYOR/ STATIONARY
KF-1313	1300*1300mm*55mm	CONVEYOR/ STATIONARY

PRODUCT SPECIFICATION

Model	KF-0912	KF-1313
Working Size	900*1200mm	1300*1300mm
Max Cutting Thickness	30mm	
Max Cutting Speed	80m/min	
Transmission System	High-end servo system, imported gear liner	
File System	Compatible with HPGL/PLT/DXF/PDF/AI etc.	
Transmission Port	Standard network Port	
Materials Fixed Method	Vacuum Adsorption	
Operation Interface	PC station	
CCD precision	0.1mm	
Cutting Tool holder No.S	2/3/2+1	
Control system Power	2kw	
Vaccum Power	7.5-15kw	
Working Voltage/Power	AC 380V±10%3-phase/AC 220V±10% 3-phase 50Hz/60Hz	

*Specifications are subject to change without prior notice, all rights reserved.

*Optional Tools: The tools that need to purchase sepratly, as per your job requirements.

COLOR BOX DIE-CUTTING

KF SERIES



SYSTEM REQUIREMENTS (PC's)

Refer to the appropriate section below for the minimum and recommended computer system requirements necessary to use this machine.

Operating System*	Windows 10 (64 Bit) or Later
Processor	i7 - 2.6 GHz or faster
Memory (RAM)	Min. 8GB
Video Card and Monitor	1280x1024 or Higher Resolution
Working Hard Disk Space	1 TB SSD or more recommended
Graphics Card	2GB or more (Optional)
Optical drive	DVD-ROM
Other requirements	Ethernet connection for network capable printers
	Available USB ports
Recommended Brand	Lenovo / Dell

* Note: You can use a laptop or desktop computer

* Use the original operating system and software. If you are using pirated operating system or software, we are not responsible for any damage to Machine workings, and also the warranty terms will become void.



Terms and Conditions

01. Payment to be made in SAR currency.
02. Payment Terms : As mentioned in Quotation.
03. Bank Charges: Any bank charges relevant to the above transactions will be to your account.
04. Any charges, duties, taxes or levies at the ports of entry will be to our account.
05. The charges of loading, boarding and local conveyance of the technician will be to our account.
06. Any required electrical, mechanical and civil site preparation should be done by the customer according to our engineer's requirements.
07. Digital Star Company will not be held responsible for delays caused by any damage in the equipment due to shipment, unloading accidents & any related reasons, which is beyond our control.
08. Warranty will be applicable as per our Warranty Policies. The Warranty will be valid after signing of Warranty Policies.
09. Service will be free of cost within 12 months from the date of installation.
10. Any claim will be invoice directly to you then we will send for claiming procedure which will take 45-60 days, if the claim got approved credit note will issued directly.
11. Delivery: As mentioned in quotation

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