

# high Speed Cutting



**iECHO**


**BK3**

HIGH SPEED DIGITAL CUTTING SYSTEM

# Source of Digital Solutions...

Digital Star Qatar has been leading the digital scene in Doha for over 10 years, as suppliers and distributors of signage, advertising and LED solutions. Our commitment to providing the best quality machinery and top-notch technology from around the world has enabled us to set new and improved standards in sign and digital printing industries. DSQ has developed into a true trendsetter and a reliable destination for customers seeking exhaustive custom and wholesale solutions. From sign makers, digital print houses, POS/POP makers, retail fit-out companies, to exhibition stand builders, construction companies and glass and aluminum fabricators industries, we promise to take your business to unprecedented levels

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**IECHO**

**BK3**  
HIGH SPEED DIGITAL CUTTING SYSTEM

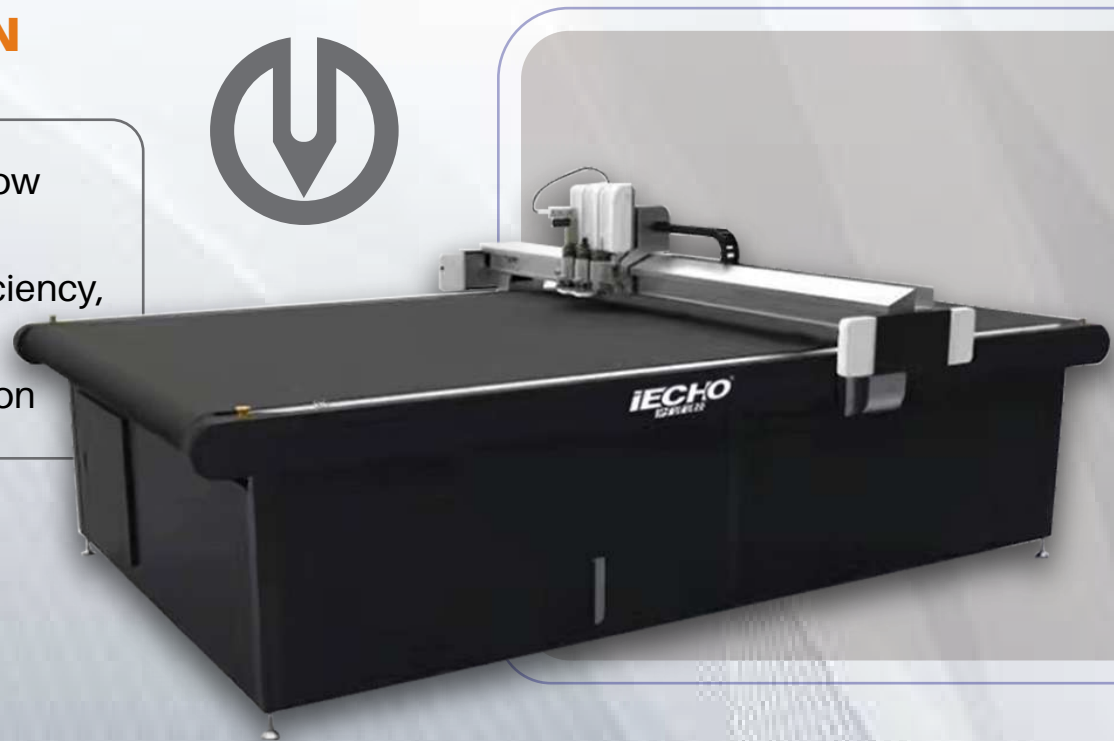
## PRODUCT OVERVIEW

BK3 digital cutting system can realize through cutting, half cutting, creasing, milling, punching and nesting with high speed and high precision.

With stacker(sheet feeder) and collecting system, BK3 can complete the material feeding and collecting with fast speed. It is quite suitable for sample making, short-run and mass production in Sign & Graphic, Packaging, Automotive, Gasket industries.

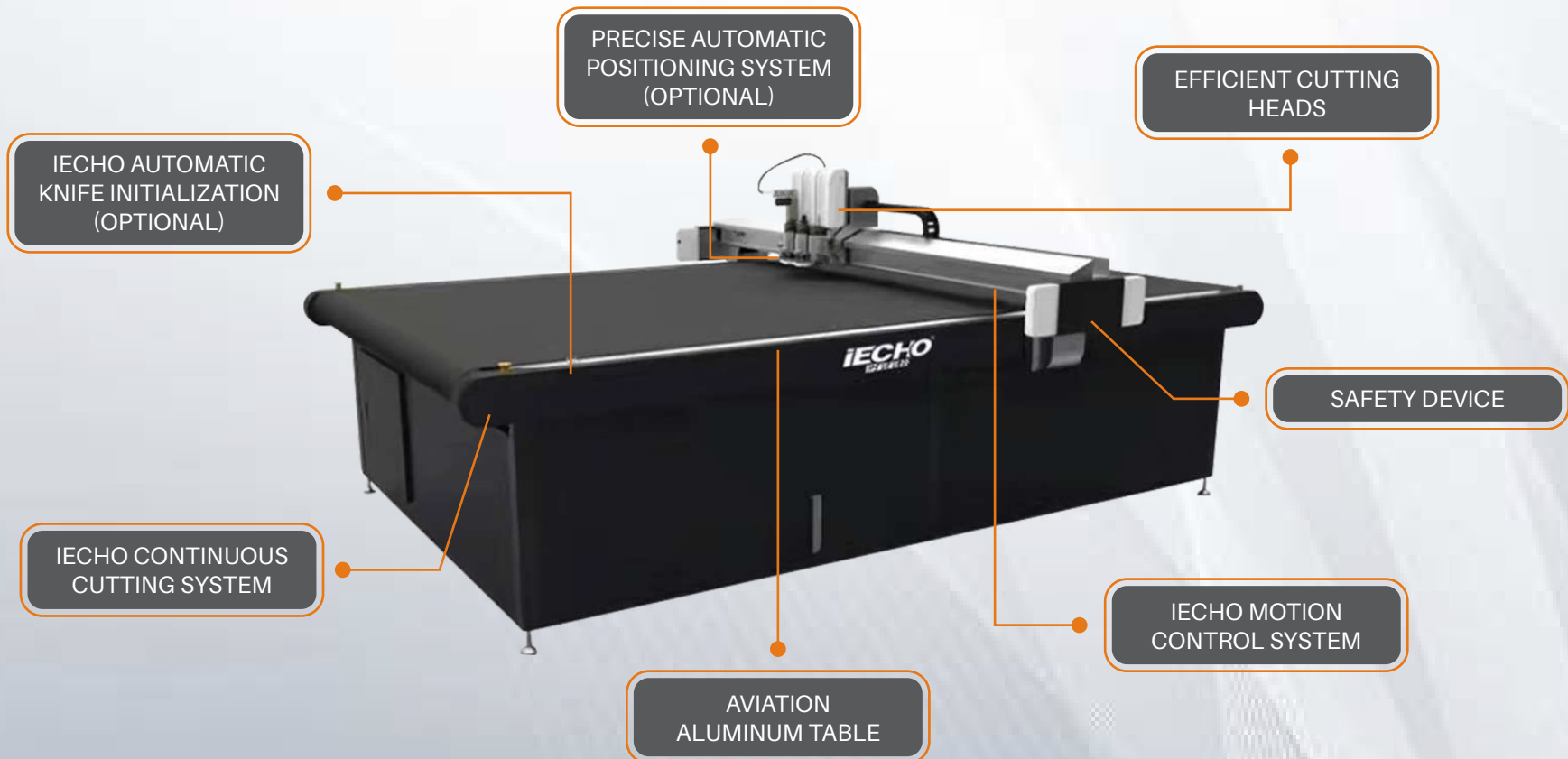
### AUTOMATIC PRODUCTION WORKFLOW

IECHO Automatic production workflow can be used for full-time production fulfilling the requirement of high efficiency, using the maximum capacity of the machine to realize the 24/7 production



## FEATURES

- Material to be processed will be sent to be loading area by sheet feeder
- Feed materials to be cutting area with automatic conveyor system
- Camera Registration System (CCD) further improves cutting accuracy
- Process with high speed cutting tools
- Finished Samples will be sent to the collecting table by conveyor system
- Fully automated production minimize manual intervention



## USING INDUSTRIES

### SIGN & ADVERTISING INDUSTRY

BK cutting system supplies the total solution to sign & advertising industry, especially suited to registration cutting of white cardboard, sticker, acrylic, PVC, corrugated board and honey comb board, the system has improved the process flow of sign & advertising companies, accelerated production efficiency and enhanced product quality.

### PACKING INDUSTRY

Common carton sample cutting machine only meets the former sample making process, while iECHO BK carton cutting system meets small production requirement, which can cut all kinds of packaging materials easily, such as corrugated board, white cardboard, grey cardboard and PVC, maximizes the possibility of rapid completion of orders for the printing and packaging factories.

### AUTOMOBILE UPHOLSTERY

BK cutting system has been applied to cutting automobile upholstery successfully, such as automobile mat, car seat, cover, sun block and car curtain

### COMPOSITES

IECHO BK cutting system replaces the traditional composites manufacturing mode, such as drawing lines and cutting yarn, especially for the complicated allotypic patterns, it can advance at least 20 times efficiency, guarantee controllability of carbon fiber, glass fiber, aramid fiber, UHMW polyethylene etc, and reduce the labor cost greatly.

# PRODUCT OUTPUT



**IECHO EOT** Electronic Oscillating Knife for cutting soft and medium density materials available within 1mm stroke



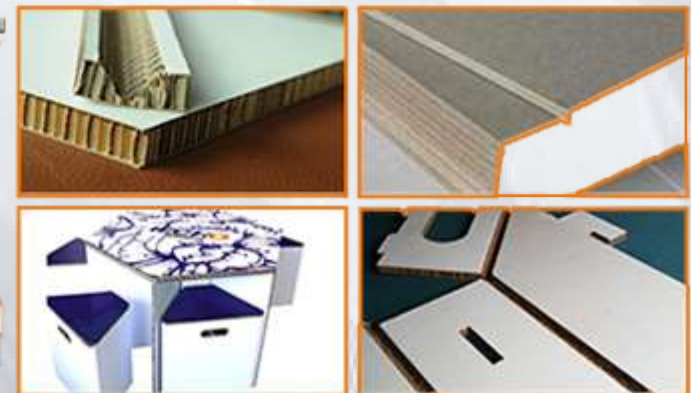
**IECHO DRT** Driven Rotary tool for cutting textiles



**IECHO CUT** Universal Cutting Tool, used for through-cutting materials with thickness upto 5mm, fast speed and low cost



**IECHO V-CUT** Producing for complex structural designs from foam core or sandwich board materials. The tool can be set 0°, 15°, 22.5°, 30°, 45° angles respectively for cutting requests





**IECHO KCT** Kiss Cut Tool, for cutting vinyl, foil, films, thin paper, cardboard and other thin materials



**IECHO CCT** It is Creasing on the corrugated materials, different creasing tools for different materials can make perfect creasing



**IECHO RZ** The router with high rotary speed up to 50000rpm, it delivers solid performance in a wide range of applications on the hard materials. It can do precise engraving like the Kiss-cut tool. The special dust-extraction can reduce the waste effectively during the work



**IECHO POT** The Pneumatic Oscillating Tool is an air-driven tool with high oscillating frequency. The stroke up to 8mm is suitable for cutting hard, high dense materials. It can cut materials up to 50mm thickness with special blade



# PRODUCT SPECIFICATION

## Model: IECHO BK3

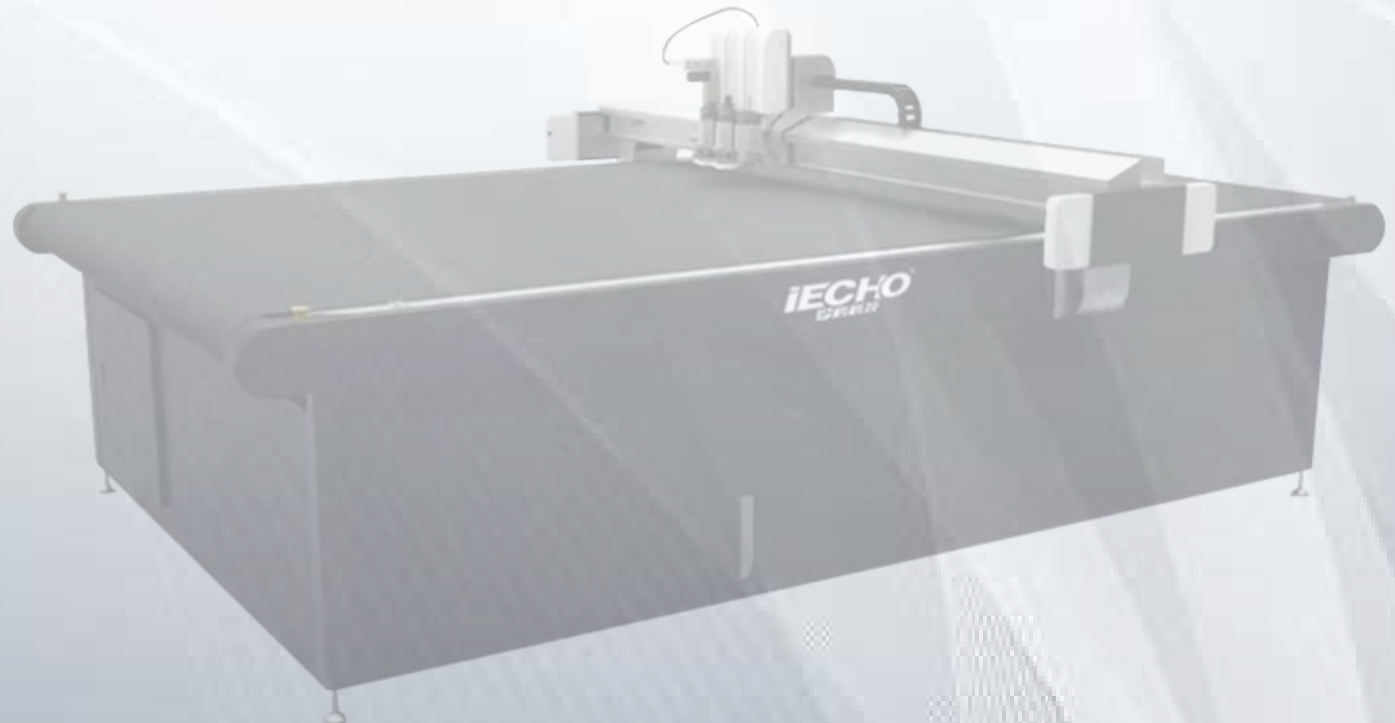
TYPE	BK3 1713	BK3 2513	BK32517
Cutting Area (L x W)	1700mm x 1300mm	2500mm x 1300mm	2500mm x 1700mm
Machine Dimensions	2500mm x 2100mm	3200mm x 2100mm	3200mm x 2400mm
Max Speed	1500mm/s		
Cutting Accuracy	0.1mm		
Thickness	50mm		
File Format	DXF, HPGL, PDF		
Interface	Serial Ports		
Media	Vacuum		
Pump Power	5.5KW / 7.5KW / 9KW		
Power	220V/50HZ, 380V/50HZ		
Operation Environment	Temperature: 0°C-40°C, Humidity: 20%-80%RH		



## TERMS AND CONDITIONS

1. Payment to be made in QR currency.
2. Payment Terms: As mentioned in Quotation.
3. Bank Details: -Bank Name: Qatar Islamic Bank  
Branch: Al Khour Branch  
Beneficiary Name: Digital Star Qatar  
Acc #: (0111453200015)  
Swift Code: (QISB - QAQA)  
IBAN: QA16QISB000000000111453200015.
4. Bank Charges: Any bank charges relevant to the above transactions will be to your Account
5. Any charges, duties, taxes or levies at the ports of entry will be to our account.
6. The charges of lodging, boarding and local conveyance of the technician will be to our account.
7. Any required electrical, mechanical & civil site preparation should be done by the customer according to our engineer's requirements.
8. Digital Star Qatar will not be held responsible for delays caused by any damage in the equipment due to shipment, unloading accidents and any related reasons, which is beyond our control.

9. The warranty will be 12 months from date of installation from Digital Star Qatar. Wear & tear, consumables are exempted and warranty can be claimed only if you use the service from Digital Star Qatar.
10. Service will be free of cost within 12 months from the date of installation.
11. 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.
12. Quotation will be valid for 7 days from here on.
13. Delivery: As mentioned in quotation





**DIGITAL STAR QATAR**  
ديجيتال ستار قطر

DOHA | QATAR | P O BOX: 47663



+974 446 02 558



+974 441 63 788



info@digitalstarq.com



www.digitalstarq.com