

Knife Cutting - KC-H

Cutting Application

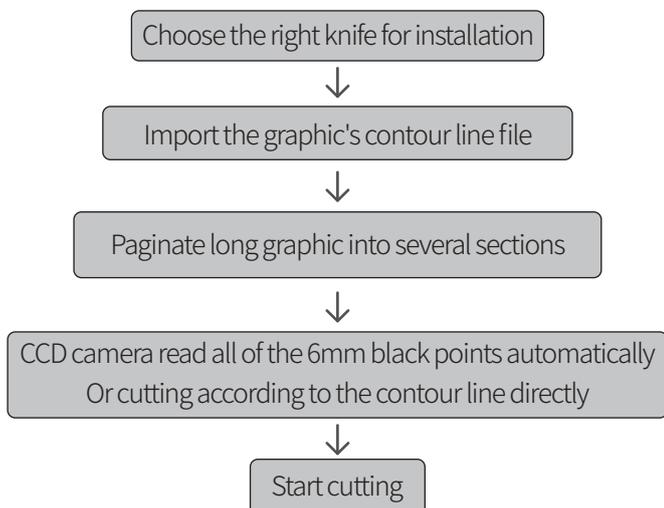
- ★ Sublimation Paper
- ★ PP Paper
- ★ Polyester Fabric
- ★ Vinyl Banner
- ★ Acrylic
- ★ Aluminum Plastic Plate
- ★ Corrugated Plastic Boards
- ★ Foam Board
- ★ PVC Boards
- ★ ACM Boards
- ★ MDF Boards
- ★ Plywood Boards



Features

- | | | |
|-------------------------------------|-------------------------------|--|
| High End Knife Cutter Machine | Safety Device Included | Branded Components |
| Continuous Cutting System | Precise Motion Control System | High Strength Aluminum Alloy Platform |
| Diversified Cutting Tools | Dual Beams Cutting System | Reliable Operation Software |
| Higher Efficiency Cutting Head | X Axis with Two Motors | DXF, HPGL, PLT, PDF, ISO, AI, PS, EPS, TSK, BRG, XML |
| Automatic Camera Positioning System | AKI System | Desktop Included |
| CCD Industrial Camera | Flexible Working Area | Auto Unwind Device Included |

Cutting Procedure



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Product Description

AKI System
The automatic knife initialization system is for the accurate control of the depth of cutting tool

X Axis with Two Motors
For the extreme wide beam

Diversified Cutting Tools
Based on different industrial cutting requirements, a variety of cutting heads are available

Automatic Camera Positioning System
Equipped with an industrial CCD camera. Automatic positioning & recognition for accurate cutting

Higher Efficiency Cutting Head
Cutting speed up to 1.5m/s
Intelligent Z-axis height control system shortens working time efficiency

Safety Device
Anti - collision protective device and Infrared sensor

Motion Control System
CUTTERSERVED is the key system for cutting control, which ensures smooth cuts and perfect curves

Software
Paginate oversized graphics into several sections for cutting

Flexible Working Area
The modularized working area can be added according to customers' requirements

Aviation Aluminum Honeycomb Panel
High strength aluminum alloy platform, honeycomb hole air-permeable structure, mutually supported structures make the workbench evenly stressed

Dual Beams Cutting System
Dual beams will significantly increase the production capacity

Continuous Cutting System
The intelligent conveyor system allows operator cutting and picking up the samples at the same time

Models				
Width \ Length	2500mm	3500mm	5500mm	
1600mm	KC-1625H Cutting Area: 1600mm × 2500mm	KC-1635H Cutting Area: 1600mm × 3500mm	KC-1655H Cutting Area: 1600mm × 5500mm	
2100mm	KC-2125H Cutting Area: 2100mm × 2500mm	KC-2135H Cutting Area: 2100mm × 3500mm	KC-2155H Cutting Area: 2100mm × 5500mm	
3200mm	KC-3225H Cutting Area: 3200mm × 2500mm	KC-3235H Cutting Area: 3200mm × 3500mm	KC-3255H Cutting Area: 3200mm × 5500mm	
Specifications				
Vacuum Pump	1-2 Units 7.5kw	2-3 Units 7.5kw	3-4 Units 7.5kw	
Beam	Single Beam	Dual Beams(Optional)		
MAX.Speed	1500mm/s			
Cutting Accuracy	0.1mm			
Thickness	50mm			
Data Format	DXF、HPGL、PLT、PDF、ISO、AI、PS、EPS、TSK、BRG、XML			
Interface	Serial Port			
Media	Vacuum System			
Power	Single Phase 220V / 50HZ Three phase 220V / 380V / 50HZ - 60HZ			
Operating Environment	Temperature 0°C - 40°C		Humidity 20% - 80% RH	

★ All other parts are eligible for 12 months warranty under proper use. (Starting from ETD)
★ Specifications and external appearance are subject to change without prior notice