



FEATURES

Precise Cutting Fast and efficient Tools: More than 10 different Tools achieving Endless Applications

Conveyor System: Moves materials from one location to another, allowing the production of large masses

Nesting Software: Powerful Automatic Nesting Software. Nestfab provides a World-Class Automatic Nesting Engine with an Intuitive Interface. Interactive Cad Importer. Range of Export Options.

Pneumatic Head: The pneumatic oscillating cutting is a tool powered by compressed air. It is ideal for cutting tight, high-density materials and handling soft, thick materials

Red cross pointer: Ideal guide for greater precision in cutting, start point display.





CCD Registration Camera: It achieves registration pattern recognition, higher efficiency in automatic positioning and cutting printed materials.

INCLUDED CONSUMABLE PARTS

Table Mat



Oscillating Tool Blade

| | |
|--|---------|
|  | ZX-28TL |
|  | ZX-31TL |
|  | ZX-38TL |
|  | ZX-53TL |

OPTIONAL TOOLS



Vibration Knife Cutting Tool

It is one of the most widely used cutting tools. Its cutting principle is to drive the blade up and down by high frequency vibration to achieve cutting.



Large Amplitude Knife Tool

Good cutting ability for foaming materials



Driven Rotary Knife Tool

The round blade is driven by motor, and can rotate and cut material high speed. It does not have to exert more force on the material.



Creasing Tool

For carton packaging industry of honeycomb paper, corrugate paper, cardboard, etc.



Drag Knife Cutting Tool

A drag cutter simply uses the edge of the blade to cut the material. When cutting thin materials, which do not require strong power on their own.



Milling Tool

At the center of the cutter is a high speed milling cutter spindle. Can process high hardness plate, such as acrylic, PVC, wood.



V Cutting

V cutters are tools designed for cutting V grooves or chamfering, perfect for producing complex, Three dimensional structural designs made from cardboard, foam core material or corrugated panels.



Pneumatic Knife Cutting Tool

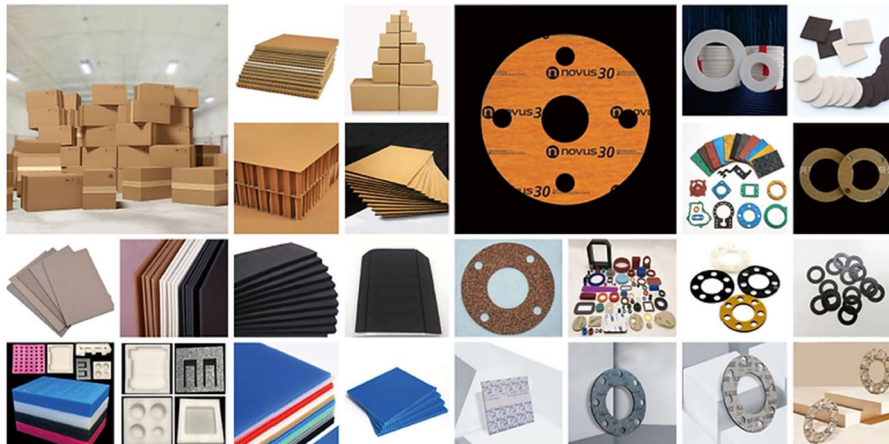
It is an air driven tool, especially suitable for cutting hard, dense materials, but can also handle soft, thick materials.



Kiss Cutting Tool

It is suitable for semi transparent cutting of various self adhesive labels and stickers in advertising graphic industry.

APPLICATIONS



TECHNICAL SPECIFICATIONS

| | |
|------------------------|---|
| Model | BP45MCC |
| Working Area | 47" x 63" (1200mm L x 1600mm W) |
| Machine Dimension | 79"x 94" x 51" (2000mm L x 2400mm W x 1300mm H) |
| Rated Power | 11Kw |
| Max. Cutting Speed | 100-1500mm/s |
| No-load Speed | 1200mm/s |
| Cutting Thickness | ≤20mm (Depending on the materials) |
| Cutting Accuracy | ±0.10mm |
| Transmission Interface | Ethernet/USB |
| Drive System | Servo Panasonic motor, linear guide rail, rack and pinion Material Fixed Mode: Intelligent Vacuum adsorption |
| Safety Device | Infrared sensing device, 4 emergency stop buttons, intelligent anti-collision device |
| Format Supported | DXF, PLT, AI, CDR |
| Operation Property | Online/Offline operation, continuous cutting with high efficiency |
| Power Supply | AC 220V/380V, 50Hz, single/three phase |
| Application Materials | Packaging box, cardboard corrugated, paper, pvc-sheet, printed card, cloth, other similar materials |
| Feeding | Automatic Feeding |

EQUIPMENT DETAILS

NEW MODULAR DESIGN

Installing Tools much more easier, when the customers increase product categories, customer only need to buy new needed tools. Provide convenience for customers to up grade products.





BED STRUCTURE

The whole machine adopts 5mm thick square tube, overall welding process, imported milling machine processing, to ensure the smoothness of the guide rail surface and rack surface, greatly improve the stability of the machine running time body.

PINION AND RACK

The equipment adopts rack and pinion transmission compared with belt transmission, which has large bearing capacity, high transmission accuracy, fast transmission speed and long service life.



PMI GUIDE RAIL

Adopt PMI linear guide rail, slider, high precision, low failure rate, long service life, low noise.