# ER-6000

## OFF LINE Automatic cutting machine

## Specification

01. Sliding table positioning mode: Servo precise positioning double sliding table
02. Cover mode: magnet buckle platen mechanism
03. Maximum working range on one side(W*D)：500*640 mm
04. Working height：920mm±20mm
05. Cutting speed：1~100 mm/s
06. Mechanical repeatability：±0.01 mm
07. Control System：PC-based 4 Axis controller
08. Drive way：AC Servo motor
09. working system：IPC Windows 10
10. Cutting accuracy：±0.05 mm
11. Spindle speed：Max. 60000 rpm
12. Host voltage：1 φ, AC 220V 50/60Hz
13. Air supply：4~6 kg/cm², flow:1500 L/hr
14. Power consumption：2.2 KVA
15. Dust collection method：External type,lower exhaust type 3HP,See Catalog 3(5)HP
16. Rear station conveying mode: belt type, rail type, carrier type can be selected according to customer needs

## Features

- Using high-efficiency dust collection to improve the dust collection effect, along with the newly developed dust collection structure for much better cleaning.
- Gantry stucture increase cutting accuracy and cutting speed
- Safety light curtain at P&P table fits for public safety demand

## Type

| Type | Quantity platform | The scope of work(W*D)mm | Machine size W*D*H | weight(Kg) | Picture file |
|---|---|---|---|---|---|
| SS. | 1 Table | 330*440mm | 970*1260*1810mm | 470 | The scope of work |
| SL | 1 Table | 300*540mm | 750*1455*1835mm | 580 | The scope of work |
| DS | 2 Table | 250*340mm | 1340*1182*1810mm | 700 | The scope of work |
| DW | 2 Table | 330*440mm | 1470*1260*1810mm | 700 | The scope of work |
| DM | 2 Table | 400*440mm | 1610*1260*1810mm | 770 | The scope of work |
| DML | 2 Table | 330*640mm | 1610*1260*1810mm | 770 | The scope of work |
| DX | 2 Table | 500*490mm | 1810*1660*1810mm | 830 | The scope of work |
| DXL | 2 Table | 500*640mm | 1810*1660*1810mm | 990 | The scope of work |

## Optional

| Cover mode: magnet buckle platen mechanism | Automatic adjustment of Pitch dual spindles | EV-720 Suction Dust collection |
|---|---|---|

| MES System Bar Code Scanner | Milling Cutter Diameter Measurement |
|---|---|

### The Best Solution for PCB Depanel

- Avoids problems such as the tin break and the damage to the component caused by manually bending.
- Avoids the stress produced mechanically by using punch or bending.
- Suitable for line, arc, circle and irregular cutting.

### User Interface Friendly and Support English, Traditional Chinese, Simplified Chines

- Windows-based graphical user interface with instructions easy to control.
- Working image and user interface on same screen by USB vision capture card.
- Error message, operation, parameter record, production statistics.
- 3-stage password setting – operator, programming, maintenance.
- Advanced tool management: spindle life monitoring, cutting bit break detectio

### High Accuracy Cutting Position and Windows-Based Interface Make Programing Easier

- Multispeed can be choose while programming, fast and precision auto-alignment with 15X magnification CCD camera
- Parameter program setting cutter bit diameter and fiducial mark frame.
- Two independent work station