



# Catálogo

AUO 3000E



## AUO 3000E



2-way sliding work exchanger provides a simultaneously in-and-out working to limit the idle time, which in turn reaches the utmost output value.

Available in linear and cutting to diminish restrictions of PCB design.

Friendly man-machine interface with 10X CCD Camera to minimize the time of programming.

Auto Fiducial mark point check and cutting route auto compensation(option).

Vacuum cleaner with auto power on/off function to save the power.

### 2-way Sliding Exchanger

This work exchanger provides a simultaneously in-and-out working space to limit the idle time, which in turn reaches the utmost output value.

### Route Duplication

The user may set mark points on PCB and copy easily from side to another.

### Routing Bit Sectioning

The user may set a designated distance, and have the routing bit shift-up or -down in order to make a new section of routing bit to cut boards for multiplying the life of the routing bit.

### Friendly GUI

Windows system and Graphical User Interface (GUI) is adopted, which enables the user to learn and use the program easily. A 10 x zoom-in image is shown on screen for setting all points.

## Project Specification

Setting Fixture	2 stations
Working Area	X: 330mm, Y: 330 mm, Z: 60 mm
Cutting Area	X: 330 mm, Y: 330 mm
CB Component Height	Top side: 15mm Bottom side: 35mm(with universal jig)、45mm(with specific jig)
PCB Thickness	0.5 to 2.0 mm(It's necessary to contact Aurotek in advance for over 2mm)
Router Bit Diameter	0.8 ~ 2.0 mm(Option : Over 2.0mm)
Precision of Cutting	± 0.1 mm
Positioning Repeatability	± 0.02 mm
Number of Axis in use	3 Axes (X, Y, Z).
Driving Speed (Max)	X,Y: 700mm/sec, Z: 500 mm/sec
Cutting Speed (Max)	X, Y, Z: 100mm/sec (It's according to the specification of Bit for the best speed setting )
Spindle Motor	High speed variable frequency motor 250W (Max.60,000rpm)
Bit Change	Manual
Cutting Ability	Linear, Circular, U-curve, Arc, L-curve
Bit Shift Count	Max. 2
Route Planning	Direct coordinate input or manual guiding with × 10 CCD camera
Safety Area Sensor	standard
Bit Break Detection	standard
Program Storage	HDD
Program Backup	USB
Operating System	Windows 10
Man-Machine Interface	Industrial Monitor + Keyboard + Mouse
Conveyor load capacity	n/a
Power Supply	3 Phase AC220V±5% 50 Hz/60Hz, 2.5 kw
Air	0.5 Mpa
Dimensions	(W)1168mm x (D)1480mm x (H)1256mm + 565mm signal tower
Weight	approx. 390 Kg
Vacuum Cleaner	YSF-V553 3HP 2.2 kw