

ER-7000 AT

IN LINE Automatic cutting machine

Specification

01. Sliding table positioning mode: Servo precise positioning double sliding table
02. Pick-and-place method: single-head pick-and-place mechanism
03. Cover mode: magnet buckle platen mechanism
04. Maximum working range on one side(W*D) : 500*640 mm
05. Working height : 920mm±20mm
06. Cutting speed : 1~100 mm/s
07. Mechanical repeatability : ± 0.01 mm
08. Control System : PC-based 6 Axis controller
09. Drive way : AC Servo motor
10. working system : IPC Windows 10
11. Cutting accuracy : ± 0.05 mm
12. Spindle speed : Max. 60000 rpm
13. Host voltage : 1 φ , AC 220V 50/60Hz
14. Air supply : 4~6 kg/cm², flow:1500 L/hr
15. Power consumption : 3.0 KVA
16. Dust collection method : External type,upper exhaust type 2HP,See Catalog EV-720
17. Dust collection method: built-in type,lower exhaust type 3HP, see Blower
18. Front station conveyor belt height: 920 ± 20 mm
19. Rear station conveying mode: belt type, rail type, carrier type can be selected according to customer needs
20. Flow direction: left to right, right to left
21. Static elimination : Static elimination gun (lower exhaust type)



Features

- Equipped with automatic replacement of milling cutter function.
- Modular vacuum suction cup set, which can be made offline.
- The board release method: belt type, rail type, and load table, can be selected according to customer needs.
- Integrated design of the cutting main unit and the dust collection reduces the size and increases the flexibility of the production line layout.
- Suction port is kept aligned with the cutting point of the milling cutter, significantly increasing the dust collection effect.
- Disposable dust bag is used to prevent secondary dust pollution, which is environmentally friendly and simplifies the maintenance of the dust collection.
- The dust collection is equipped with a second filter paper net to effectively protect the motor and prevent dust leakage.
- The dust collection is equipped with automatic dust detection function to ensure the dust collection effect.
- It is equipped with a high-precision CCD vision automatic alignment correction system, which improves cutting precision and work efficiency.
- The machine is equipped with a vacuum cleaner function to facilitate the cleaning and maintenance of the machine.

Type

Type	Quantity platform	The scope of work (W*D)mm	Machine size W*D*H	weight (Kg)	Picture file
ATDS	2 Table	250*320mm	2000*1340*1980mm	950	The scope of work
ATDW	2 Table	330*340mm	2100*1340*1980mm	1070	The scope of work
ATDM	2 Table	400*420mm	2450*1420*1980mm	1130	The scope of work
ATDX	2 Table	lower exhaust500*490mm upper exhaust500*470mm	2950*1530*1980mm		The scope of work
ATDXL	2 Table	lower exhaust500*640mm upper exhaust500*620mm	2000*1340*1980mm		The scope of work

Optional



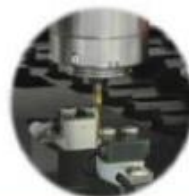
Cover mode: magnet buckle platen mechanism



Laser Height Measurement



MES System Bar Code Scanner



Milling Cutter Diameter Measurement



Automatic TOOL bit change

DEMO Video



ER-6000-AT