

ER-7000

OFF LINE Automatic cutting machine

Specification

- Sliding table positioning mode: Servo precise positioning double sliding table
- Cover mode: magnet buckle platen mechanism
- Maximum working range on one side(W*D) : 500*640 mm
- Working height : 920mm±20mm
- Cutting speed : 1~100 mm/s
- Mechanical repeatability : ± 0.01 mm
- Control System : PC-based 4 Axis controller
- Drive way : AC Servo motor
- working system : IPC Windows 10
- Cutting accuracy : ± 0.05 mm
- Spindle speed : Max. 60000 rpm
- Host voltage : 1 φ , AC 220V 50/60Hz
- Air supply : 4~6 kg/cm², flow:1500 L/hr
- Power consumption : 3.0 KVA
- Dust collection method : External type,upper exhaust type 2HP,See Catalog EV-720
- Dust collection method: built-in type,lower exhaust type 3HP, see Blower
- Rear station conveying mode: belt type, rail type, carrier type can be selected according to customer needs



Features

- 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.
- It is equipped with a safety light to ensure operator's safety.
- The machine is equipped with a vacuum cleaner function to facilitate the cleaning and maintenance of the machine.
- Small in size and convenient for production on the line.

Type

Type	Quantity platform	The scope of work(W*D)mm	Machine size W*D*H	weight(Kg)	Picture file
SS	1 Table	330*340mm	970*1260*1810mm	590	The scope of work
SL	1 Table	300*540mm	750*1455*1835mm	700	The scope of work
DS	2 Table	250*340mm	1340*1182*1810mm	750	The scope of work
DW	2 Table	330*440mm	1470*1260*1810mm	820	The scope of work
DM	2 Table	400*440mm	1610*1260*1810mm	890	The scope of work
DML	2 Table	330*640mm	1470*1630*1810mm	840	The scope of work
DX	2 Table	500*490mm	1810*1370*1810mm	910	The scope of work
DXL	2 Table	500*640mm	1810*1660*1810mm	1110	The scope of work

Optional



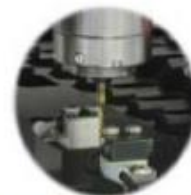
Cover mode: magnet buckle platen mechanism



Laser Height Measurement



MES System Bar Code Scanner



Milling Cutter Diameter Measurement



Automatic TOOL bit change