

E3-1228 LOADING/UNLOADING CELL



DESCRIPTION

A high automated nesting solution with automatic loading and unloading system, allows for the complete work cycle of loading, nesting, drilling and unloading being carried out automatically, resulting in maximum productivity and zero down time. This machine consists of world class components; ATC high-frequency electro spindle, controller system and drill bank, Highest quality helical rack and pinion drives, Japanese self-lubricating and dust-proof square linear guides and high precision planetary gear reducers. This is a truly versatile nesting, routing, vertical drilling and engraving machine all in one. It is well-suited for panel furniture, office furniture, cabinets production.

KEY FEATURES

- Mainly used for cutting, grooving, drilling, and milling at one time, the process won't stop during tool changing.
- High-performance machine with extraordinary value.
- Easy to operate with high production efficiency.

STANDARD CONFIGURATIONS

Model	E3 1228
Traveling size	2900*1260*200mm
Working size	2850*1220*50mm (max infeed height 50mm)
Table size	2850*1220mm
Transmission	X/Y rack and pinion drive, Z ball screw drive
Table	Double Layer Vacuum table
Spindle	9KW EXCITECH air cooling spindle ISO coupling with dust cover S1 Rated
Drill bank	EXCITECH 5+4 drill bank
Protection cover	big hood around spindle and drill bank as above
Air conditioner	Air conditioner for electrical cabinet
Safety	1 set light barriers
Traveling speed	80 m/min
Tool magazine	16 Position Rotary on board
Software	Exclusive, to be prepared by buyers
Controller	NC Studio controller
Driving system	INOVANCE Drivers
Pump	2 sets 4.0KW pumps
Dust extractor	Exclusive, to be prepared by buyers
Voltage	3P 415V 50HZ

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EXCITECH high quality 9KW S1 air cooling spindle, EXCITECH 5+4 vertical drill bank



WEIHONG NC Studio controller, Friendly and reliable 21.5" Touch screen



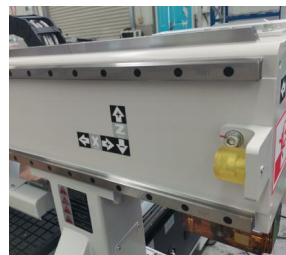
Smart pop-up pins and rails for panel positioning both for X & Y axis, controlled by foot pedal



1 set Light barrier for safety protection with full cell



2 x 4kw pumps with strong suction capacity, holding the panels firmly during processing, no movement, no waste of panels



High quality linear guide and helical rack and pinion ensuring quiet movement



Carousel 16-slot, stepper motor, fast and efficient in tool changing.



Smart pusher under gantry for easy unloading, helping save labour. Auto loading suction cups standard



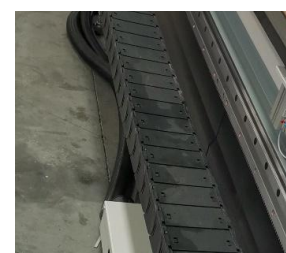
Golden type auto tool calibrator



Pressing roller for helping hold small panels



Auto lubrication pump



Flexible cables. Wear resistant, Heat resistance, long life span Sealed chain for dust proof