CNC MACHINING CENTER U-REX 1325

U-Rex is Umaboy's new solution for nesting applications. The latest technical solutions,

the extremely flexible work table and the innovative developments of the loading and

unloading systems makes the 3 Axis CNC a very reliable and competitive machine.

Take action for every shape & size

**APPLICATIONS** 

Wooden door, cabinet,

Suitable for standard or

bespoke production.

panel furniture, closet etc.

- Short cycling times and extreme precision
- Heavy duty structure for maximum machining quality.
- Use the capacity of a full-fledged CNC machining center that takes minimum floor space.
- User-friendly & high productivity.



# TECHNICAL SPECIFICATIONS

MODEL	U-VERTIX 249
Max. Length	2400mm
Max. Width	900mm
Max. Thickness	55mm
X Axis Max. Speed	40m/min.
Vertical Drilling Amount	10 pieces
Spindle Speed	24000 RPM
Combination Grooving Saw Direction Dia.	Ø120mm
Compressed Air Consumption	450NI/cycle
Dedusting Speed	30m/sec.
Spindle Power	4.5kw
Min. Length	200mm
Min. Width	60mm
Min. Thickness	I 0mm
Y Axis Max. Speed	60m/min.
Horizontal Drilling Amount	8 pieces
Combination Grooving Saw Direction	X
Grooving Saw Speed	5000 RPM
Dedusting Capacity	2000m3/h
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## CNC DRILLING MACHINE U-VERTIX 249

- Unique flexibility and Performance
- This machine used for furniture industries for producing everything from drawers to body parts, furniture fronts and rear walls; in short complete machining of all your products.



Five horizontal and five vertical drilling bits.





Loading/Unloading system carried out automatically which results in time saving.

\* Cutting process without moving panel.

### TECHNICAL SPECIFICATIONS

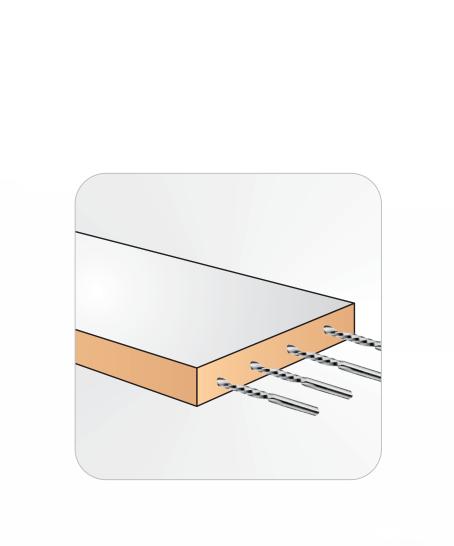
Top Drilling

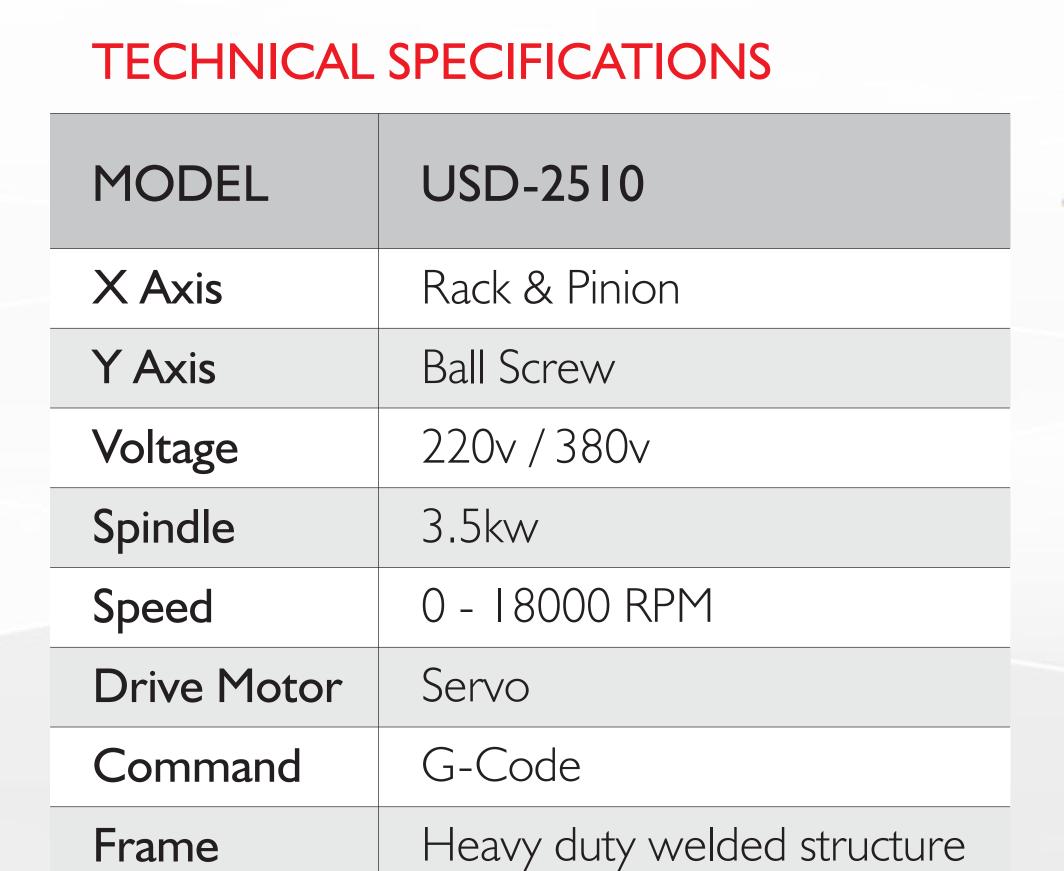
Auto Loading/ Unloading

MODEL	UREX 1325
Working size	1300 x 2500 x 300mm
Loading and unloading speed	I0m/min
Transmission	X/Y helical rack and pinion drive, Z ball screw drive
Table structure	Vacuum
Spindle power	9kw
Spindle speed	24000r/min
Traverse speed	65m/min
Tool magazine	Circular/Linear
Magazine capacity	12
Working voltage	AC420/3PH/50HZ

- An entry-level all-rounder, choose your tool changer, linear or carousel, extraordinary solution with competitive price.
- Using world-class components, e.g. 9.0kw ATC spindle, using servo motor driving with reduction gear box for performance and minimum failure.
- Auto loading & unloading system for panel production. Versatile functions : Drilling, Cutting, Nesting, Grooving results in maximum production.
- T-slot vacuum table with great absorption strength absorb on multi-zone or clamp with pop-up positioning pin, it is your call.
- Boring aggregate optional.
- German vacuum pump for better vacuum clamping.
- High precision & burr-free cutting.
- Precise helical rack & pinion.
- Automatic lubrication system. (Optional)
- 5 horizontal & 5 vertical drilling system. (Optional)

## CNC SIDE DRILLING MACHINE USD 2510





Woodworking CNC side hole drilling machine is specially designed for drilling side holes for furniture industries. It is an upgraded machine compared with normal multi heads boring machines. You dont need to hire professional staff to operate this machine. There is easy understanding PLC control system, what you need to do is only input the diameter of the holes, then machine can start to drill automatically.