

CNC Machining Center NCB2806



* Due to the continuous improvements of our products, some machine changes may apply.

Description:

- High speed and precise drilling of all side holes of panels
- After the panel is positioned on the working table, the machine drills automatically on the basis of optoelectronic switch saving processing time
- Machine body is made of welded high-strength tubes in order to guarantee high stiffness and precision
- Servo, rack and pinion, ball screw ensures high precision

Equipment

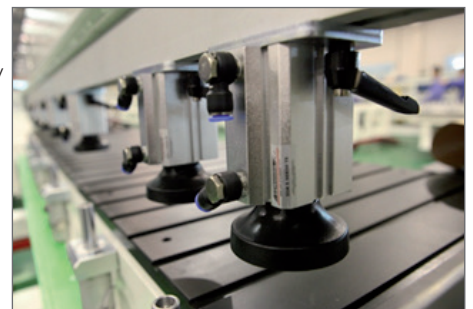
Positioning cylinder

- Side positioning cylinder helps to fix panel position
- Side aligner is available to stretch out while panel is put on working table.



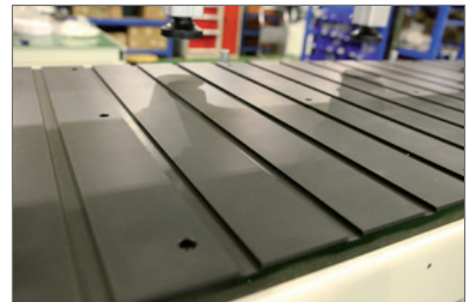
Pressure cylinder

- Pressure cylinder used to pressure panel surface tightly for higher drilling performance in panel processing and coupled well with side positioning device.



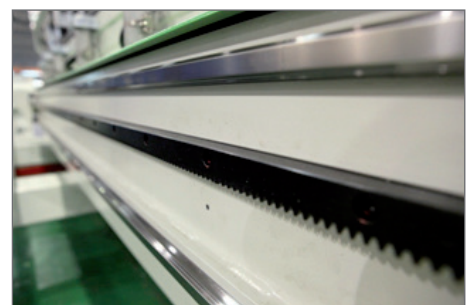
Working table

- high-pressure working table offers longer service life, wear proof
- Table size: 2,780 mm x 598 mm
- Distance to floor: 980mm



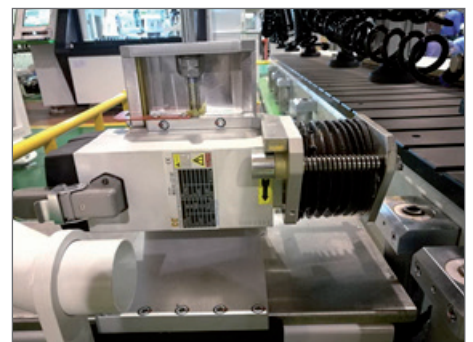
Transmission mode

- X direction: rack and pinion
- Y direction: precise ball screw
- Z direction: thread screw



Main spindle

- Power: 2.2 kW
- Rotating speed: 18,000 rpm



Servo motor

- High-precision servo gives machine additional precision.
- Power: 0.75 kW in X direction
0.4 kW in Y direction



Operational panel

- User-friendly interface provides maximum operational convenience
- 17" display screen
- 6 USB ports
- Scanning gun



Automatic lubrication

- Equipped with lubrication system, reduces possible maintenance and labour costs
- Scram button for operator's safety, stops the machine immediately in case of any error



Electric cabinet

- high-quality electric components from renowned brands ensure a long service life and operating stability



Technical Data

| | | |
|-----------------------------|--|--|
| Panel | width | 50-2,800 mm |
| | length | 50-600 mm (max. drilling depth: 35 mm) |
| | thickness | 10-50 mm |
| Working table | area | 2,780 x 598 mm |
| | height | 980 mm |
| Max. traveling speed | X axis | 5-100 m/min |
| | Y axis | 5-60 m/min |
| | Z axis | manually |
| Main spindle | no. of main spindle | 1 |
| | main spindle speed | 18,000 rpm |
| | power | 2.2 kW |
| | drilling depth | 35 mm |
| Dust extraction | pipe diameter | 75mm |
| | min. dust extraction speed | min. 28 m/s |
| | extraction connection | Ø 250 mm, height 2,400 mm |
| | extraction capacity | min. 4,950 m³/h |
| | pressure loss | min. 2,200 Pa |
| | Note: Weight relief at extraction hose! | |
| Power supply | power | 4 kW |
| | frequency | 50 Hz |
| | voltage | 400 V, 3 phases |
| Machine dimension | dimensions | 3,500 x 2,000 x 1,500 mm |
| | weight | 1,500 kg |