

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.



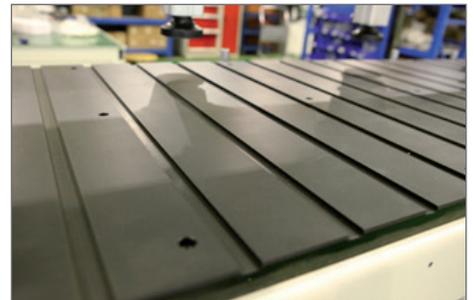
Pressure cylinder

- 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 m ³ /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