

* Type: electric spindle

* Rotating speed: 0-24000 rpm

* Power: 5.5 kw



Comparing with machanical spindle, the rotating speed of this electric spindle is super higher. It makes engraving fine and faster, or make curve cutting, corner cutting by milling much faster too.





Linear Guide

Brand: Hiwin Original: Taiwan, China



Famous products, top quality used on crossbeam and carling for high precision of cutting and long lifespan.

Customers Spot



CNC Stone Machine

HKNC-560+ with 5+1 axis interpolation



controlled, is a multifunctional **CNC stone cutting, shaping and engraving machine** built with the needs of workshops in mind, combining simplicity with maximum versatility for a minimum investment budget. It is popularly used for cutting slabs and blocks of both natural and synthetic stone, and ceramic.

Functions:

- * make vertical, inclined & horizontal Cut with

Disc Blade

- * cut curves with Contour Cutting

- * machine with the Core Tool such as drill end

- * 2D decorative wall panels
- * Countertops
- * Doorsteps, staircases and thresholds
- * Fireplaces
- * Flooring
- * Funerary art
- * Street furniture
- * Ventilated facades

Application Fileds



Detail Images



Control system -- CNC

Brand: ESA

Original: Italy

7) Optional - Sole engraving module with electric spindle excellent for 2D carving.



8) Optional - Vacuum manipulator for workpieces handling.

9) Optional - Photo slab for nesting and avoiding defects.

10) Optional - Vein match for easily matching up perfectly each vein,color at the seam of your project.

11) Optional - Slab thickness probe

12) Optional - Tool measuring system



1) 5 axis Interpolation control with Italian

Esa system.

2) Easy to use interface with 19" color touch-screen.

3) Blade can rotate 0° - 360° and tilt 90° for any direction's and any angle's chamfering cutting.

4) Working platform can tilt 85 degrees, easy for slabs loading.

5) Manual cuts available for simple machining.

6) Nocting manual / automatic to optimize slab

& engraving

Match these capabilities with Italian ESA system, digital servo motors and CAD CAM

drawing software to make all kind of cuts with ease. HKNC-560 can also be equipped with a vacuum manipulator for the automatic moving of slabs to optimise workpiece usage during the cutting process.



work-related injuries.



Galvanization (Optional)

Galvanizing can prevent the immersion of air, water and other corrosive media to steel, improve the corrosion resistance of the machine, enhance mechanical strength, and extend the service life.



crossbeam shifting motor	1.1	kw
Power of hydraulic station motor	2.2	kw
Power of lifting motor	0.85	kw
Power of electric spindle	5.5	kw
Gross power	32.5	kw
Water consumption	2	m ³ /h
Gross weight	5900	kg

TECHNICAL DATA FOR HKNC-560

Diameter of saw blade	Ø400-Ø560	mm
Dimension of working platform	3500x2100	mm
Max. cutting length	3500	mm
Max. cutting thickness	150	mm
Max. lifting stroke	300	mm
Max. lifting weight by suction cups	200	kg



Open