



BRIDGE SAW 350CNC 4+1 Axis

ABOUT US

Welcome to Al Shabib Trading.

was founded in 1982, we supply material and machinery related to Stone & Concrete factories and construction sites (Infrastructure stage and/or finishing stage), our network goes from east Africa all the way to east Gulf. The variety of goods and brands we supply makes us unique in the market, our name and brands show up on most contractors lists because of the quality of goods and services we supply and the cost efficiency that we guarantee.



Shelber.com is owned and managed by Al Shabib Trading. Our online store is made to ease the work on our clients, login, choose your products, and pay online.



Tactiles.ae is owned and managed by Al Shabib Trading. We provide supply and/or install services for Tactile Solutions.



EvyGreen.com is owned and managed by Al Shabib Trading. We supply sustainable and eco-friendly products for cleaning, polishing, sealing solutions for all tile, stone, concrete surfaces.

ABOUT CNC 4+1 Axis

4+1 Axis CNC Bridge Saw

We offer the ZLBS-350CNC/(4+1)A axis smart cutting machine, a highly efficient and accurate 4+1 Axis CNC Bridge Saw designed for cutting marble, granite, and quartz stone counter-tops. It is easy to operate, making it a popular choice for many in the industry. Simply take a picture, upload a drawing of the plate, and let the machine do the rest. Best of all, the main parts of this machine can be easily transported in a high cube container for maximum convenience.

Product Introduction

The operator first take a photo of the plate ,and put the layout of drawing on the plate in the photo, then start processing. 4+1 Axis CNC Bridge Saw is also used to cut and chamfer conventional cross and straight slices of plates, various polygons, circles, ovals, maws, L-shaped counter tops, four-sided under-hung counter tops, etc. When the machine starts working, the program automatically generates the sequence and paths. Before the milling cutter works, the program will first control the cylinder to press the plate. The milling cutter can process basin holes, faucet holes, and milling inner angles. After the milling cutter is finished, the cylinder is automatically withdrawn. When the knife path overlaps. The vacuum can assist, separating the plates. It's powerful, suitable for marble, quartz stone, granite, ceramic, sintered stone and other types of plate cutting processing. The machine has a support to download measuring instrument file, then set the drawing, finally processing. So the machine is used to achieve dust-free installation of counter-tops. It is the best choice for the counter-top industry. Our plant boasts a rich history of 30 top-of-the-line production machines and has been a global force in equipment manufacturing for over 15 years. Our machines are in demand across continents and are shipped to nations spanning Europe, the United States, Canada, South America, India, and Australia. As a result of the advancements in Internet technology, we can now deliver even better services to our customers remotely, strengthening our commitment to their satisfaction.

FEATURES CNC 4+1 Axis

4+1 Axis CNC Bridge Saw Specialty

1. The machine boasts a streamlined design that takes up minimal space, making it effortless to install and transport.
2. With advanced camera technology, the machine can easily locate and display the shape of the plate on the screen, ensuring a seamless operation.
3. Equipped with a high-speed spindle motor, the milling head efficiently processes holes and inner angles while cylinders expertly press the plate. Plus, the addition of two suction cups on the backside makes it easy to move slices when the saw path overlaps.
4. This machine comes with an industrial computer and a 17-inch color touch-screen for easy and efficient operation.
5. An automatic tool setting gauge is installed to ensure easy and reliable blade checking.
6. Our system features a built-in conventional shaped drawing library and supports the import of DXF format files, making it even more convenient for our users.
7. The work table can be flipped up to 85 degrees, providing a convenient loading and unloading experience for our customers.
8. The machine is optional with movable protective doors with a safety lock.

CNC bridge saw is a powerful and highly efficient technological innovation that has taken the stone cutting industry to new heights. This amazing machine uses state-of-the-art technology to deliver precision cuts with speed and accuracy. There are several advantages associated with owning and operating a CNC bridge saw.

Firstly, CNC bridge saws are incredibly versatile. They can cut through a wide variety of materials, including granite, marble, quartz, and porcelain tiles. The machine uses a diamond blade to cut through these materials with great accuracy, ensuring that each cut is clean and precise. This makes it perfect for creating custom designs and intricate patterns.

Another advantage of CNC bridge saw is its exceptional accuracy and precision. The machine is equipped with a computer control system that ensures that each cut is precisely executed. This reduces the chances of errors and ensures that the final product is of the highest quality.

CNC bridge saws are also equipped with a range of safety features, making them safe to use. These features include emergency stop buttons, interlocks, and guards that prevent accidents and injuries. This makes it a safe and reliable tool for any workshop or factory.

In addition to all these benefits, CNC bridge saws also help to save time and labor costs. They are highly automated, which means that they can operate in a continuous manner without the need for constant human supervision. This increases productivity and reduces labor costs, making them a smart investment for any business.

TECHNICALS

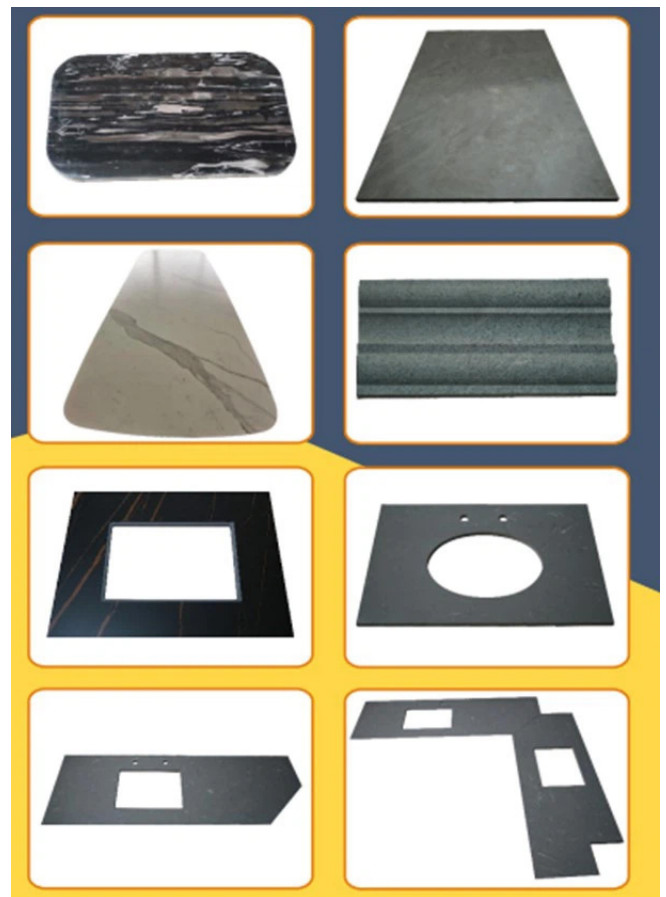
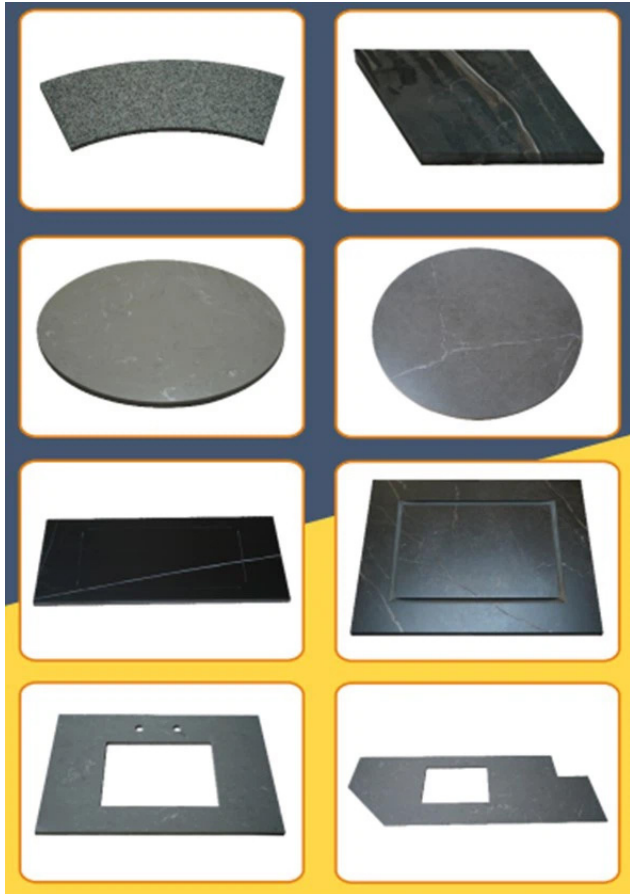
ZLBS-350CNC/(4+1)A BRIDGE SAW (with milling model)

1. Cut System And Cad-Cam Drawing Software.
2. Local Servo Motor In X/Y/Z/C Axis.
3. Touch Think Computer, Supporting Online Remote Connection.
4. Local Inverter, Schneider Conductor, Schneider Breaker, Local Intermediate Relay.
5. Table Tittling: 0°To 85°At Any Degree.
6. Head Tilting:0°or 45°.
7. Head Rotation:Any Degree From 0°To 360° .
8. Taiwan SHAC Linear Guide For Moving In X/Y/Z Axis And Taiwan SHAC Ball Screw In Z Axis.
9. 15KW main motor.
- 10.5.5 kW spindle motor with a maximum speed of 24000 RPM,will processing holes efficiently.
11. The four groups of rotating cylinders on the side of the work table will automatically press the plate when the milling cutter works, and automatically withdraw after the milling cutter works.
12. Table Size: 3500*2000mm
13. Gross Weight: 4500KG
14. Machine Dimensions: 5750*3260*3000Mm
15. Diameter Of Saw Blade: Φ 350Mm
16. With Photoing Camera
17. Vacuum Suction Lifter For Moving Slabs
18. Tool Presetting (Blade Diameter Probe)
19. The main body of the machine can be loaded into a high container container, Shipping, unloading, and installation is very simple.
20. Main part delivered as whole.

Model	Unit	ZLBS-350CNC/(4+1)A
Worktable size	mm	L3500*W2000
Maximum Processing	mm	L3500*W2000*H65
Blade diameter	mm	Φ 350
Main motor power	kw	15
Total power	kw	25.5
Shipment Dimensions	mm	L5750*W3000*H2500
Dimensions	mm	L5750*W3000*H3400
Water consumption	m ³ /h	2
Total weight	t	4.5

RESULTS

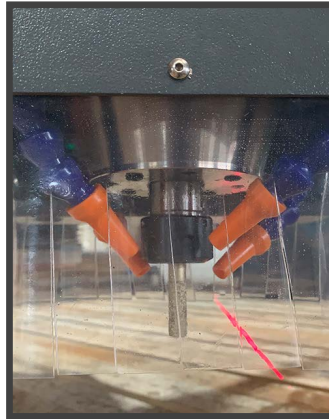
ZLBS-350CNC/(4+1)A Sample Results



EXTRA PHOTOS



CONTROLLER



**SPINDLE MILLING
HEAD & SUPPLY**



**EXTRA DURABLE
SUCTIONS**



ACTIVE TILT HEAD



MACHINE IDLE



MACHINE WORKING

AST



We follow national and international standards in our trading and management practices, we hold these 2 major certificates: ISO 9001, ICV (National In-Country Value).



ADQCC for our porcelain tactiles, we have applied for elite products quality approval, our aim is to maximize our network and integrate projects at the infrastructure level with bulk supply.



Best Place To Work verified – we have an official badge for a great place to work, our company believes in equality, fairness, and involvement, the team here connects together as a family holding the company together.

GET IN TOUCH



Office: +971 6 5333 504
Mob: +971 50 780 6484



info@alshabibtrading.com



Al Shabib Trading Est. Industrial Area
2, 1st Street (10th) Sharjah, United Arab
Emirates.