



BCAM CNC Router C Series

BRING IDEAS TO YOU

PRODUCT

2019



OUR COMPANY



F A C T O R P H O T O S

BCAM has more than 15 years of experience and has built and installed thousands of machines for industries including Aluminum & Metal Composite Cladding, Signmaking, Graphics & Print Finishing, Cabinetry, Woodworking, Plastic Fabrication, Metal Fabrication, Foam Packaging, Point of Purchase, Solid Surface and many more.

BRING IDEAS TO YOU

BCAM Corporate Culture



BCAM values every employee and strives to make everyone safe, healthy and happy. We put safety first and have set ambitious goals to prevent all injuries, occupational diseases and safety incidents. Our commitment to safety practices runs through the entire value chain from supplier to customer. We are committed to providing our customers with safe and reliable products and services.

BRING IDEAS TO YOU

BCAM CNC ROUTER----C SERIES



- BCAM CNC routers with linear ATC C Series are engineered and built to fit your application as well as your budget. Our C series CNC routers with linear ATC are available in large and small table configurations and are capable of handling a wide variety of milling, drilling, contouring, boring, shaping, grooving, routing and engraving projects. All of our CNC routers are built to be rugged, dependable and are backed with superior customer support.



BRING IDEAS TO YOU

DETAILS



BCM1325C WITH DELTA SERVO MOTOR AND DRIVERS

● OPTIONAL

Vacuum pump	Oil free pump 5.5Kw
	Air pump 5.5Kw
CAM Software	BCAMPro/VCarve/VCarve Pro/ArtCAM/UcanCAM,etc.

- Working area: 1300*2500*200mm|4'8'
- CE standard
- Italian HSD 9.5KW(12HP) Electrospindle with 10-position Automatic Tool Changer(ISO30)
- 10mm Heavy duty body
- Active safety system
- Helical rack and pinion drivers on X and Y axis, Z axis Taiwan TBI ball screw transmission
- 25mm Heavy-duty Hiwin HG Series linear bearing
- Vacuum table+T-solts
- Taiwan Syntec 6MA
- Japan Yaskawa servo motor and drivers system
- Delta brand VFD-B variable frequency drive
- 10 Position Automatic Tool Changer (options: more position)
- Tool Cone Holder-for east bit changing
- Solid State limit switches
- Delivery time : 7-9working days for all standard specs BCM1325C after got payment

BRING IDEAS TO YOU

SPECIFICATIONS



Parameters	Standard Specifications BCM1325C
X,Y,Z Working Area	1300*2500*200mm 4' *8'
Optional Working Area	1300*1300*200mm 4' *4'
	1500*3000*200mm 5' *10'
	2000*3000*200mm 6' *10'
	2000*4000*200mm 6' *13'
	2000*6000*200mm 6' *20'
Spindle Power	9kw Italy HSD air cooling spindle
X,Y,Z Traveling Positioning Accuracy	±0.03/2000mm
Table Surface	Vacuum table+Intergrated T-solt table clamping System
X,Y,Z Rail and Trasmission	X Y axis gear transmission, Z axis TaiwanTBI Ball Screw
Max. Rapid Travel Rate	80m/min

BRING IDEAS TO YOU

Parameters	Standard Specifications BCM1325C
Max. Working Speed	60m/min
Cutting thickness	According materials
Spindle Speed	6000-24000RPM
Drive Motors	Japanese Yaskawa Servo Drive System
Working Voltage	AC380v/50HZ/3 phase
Command Language	G Code
Operating System	Taiwan Syntec 6MA control system
Interface	USB
Software Compatibility	Option:VCarve/VCarve Pro/ArtCAM/UCANCAM,etc.
Running Environment	Temperature: -20°C~45°C Relative Humidity: 5%~75%



Italian HSD 9.5KW(12HP)
Electrospindle with 10-position
Automatic Tool Changer(ISO30)

Tools sensor High accuracy, long
service time, steady movement
and good starting performance.



Vacuum table using high-density (1.3-
1.45g/cm) material with great suction
strength, comfortably accommodating all
sizes of work piece. Pop up pins make
right position for work piece.

BRING IDEAS TO YOU



Syntec 6MA controller—enabling this product to accomplish multi-layer 3D job, cutting, engraving, milling, all at ease.

Auto lubricating system, one touch can finish periodic maintenance easily.



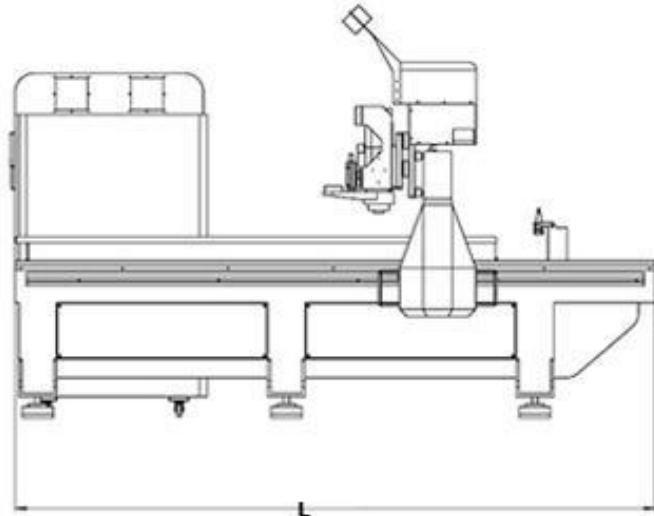
world-class Japan Yaskawa servo motor and driving system ensures machine to run with fast speed and low noise.

Unique auto tool changer system can change tools alternatively, tool sensor to compensate the tolerance of tool length.

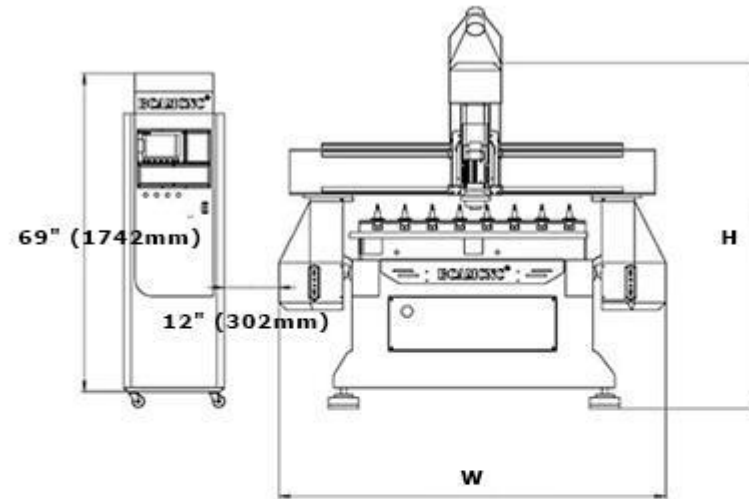


BRING IDEAS TO YOU

BCAM C SERIES FOOTPRINT



L: BCM1313C 87" (2200mm) BCM1325C 134" (3400mm)
BCM1530C 154" (3900mm) BCM2030C 154" (3900mm)
BCM2040C 193" (4900mm)



W: BCM1313C 83" (2118mm) BCM1325C 83" (2118mm)
BCM1530C 91" (2318mm) BCM2030C 111" (2818mm)
BCM2040C 111" (2818mm)
H: BCM1313C 74" (1890mm) BCM1325C 74" (1890mm)
BCM1530C 74" (1890mm) BCM2030C 74" (1890mm)
BCM2040C 74" (1890mm)

BRING IDEAS TO YOU

BCAM CNC ROUTER APPLICATION



Making a cabinetmaker job easy

Our CNC routers have made the manufacturing of doors, countertops, shelves, drawers and drawer fronts available to small, mid-size and large businesses alike. Operating a CNC machine allows cabinetmakers to use a manufacturing technique that improves production time, quality and consistency as well as material yield, utilizing just one machine and the right software system.

Cabinetmaking involves all types of wood (both natural and processed) in addition to some plastics may be used in cabinetmaking. BCAM CNC routers are equipped with all the right tools and accessories for fast and clean working with a variety of materials.

BRING IDEAS TO YOU

BCAM CNC ROUTER APPLICATION

BCAM has developed a number of comprehensive CNC machining solutions and important productivity options for signmakers.

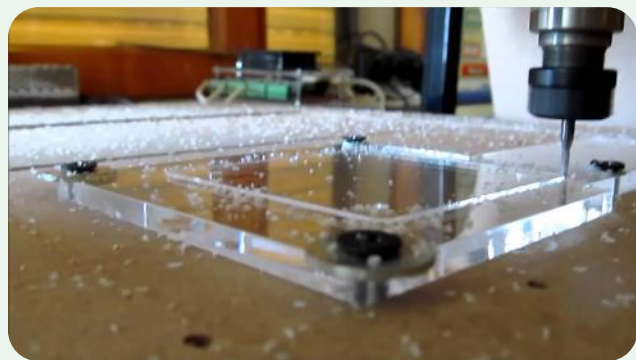
The flexibility of an BCAM CNC router allows commercial sign fabricators to produce dimensional signage one day, aluminum letters the next morning and print-to-cut graphics that afternoon. Additional productivity options include misters for routing aluminum and other non-ferrous metals, pneumatic drills for rapid hole drilling, automatic tool changers for a wider selection of cutting tools and an BCAM vision system, a high-performance camera mounted on the head of the machine for print-to-cut applications.



Provide Signmakers with a more convenient and intelligent engraving machine

BRING IDEAS TO YOU

BCAM CNC ROUTER APPLICATION



Processing both rigid and lightweight materials

Digital finishers are being asked to do more. From routing aluminum and acrylic to cutting and trimming paper, vinyl, foam board, coroplast, styrene and rubber. Today, advances in technology include high-speed processing that enables both heavy-duty and lightweight material cutting. Instead of using separate finishing tables, the process has evolved with the development of hybrid CNC routers that include larger routing spindles with tangential and oscillating knives.

The components of the hybrid can be described as a three-head configuration: the routing spindle, an oscillating knife and a tangential knife. The combination of these three components ensures processing capabilities are endless.

A routing spindle can come with a variety of power ratings up to 10Hp. Select the HSD quick-release spindle for cutting speeds up to 24,000 rpm. There is a wide variety of choices of router bits and it is important to select the bit that is most appropriate for the material that is to be processed. The oscillating knife is suitable for soft and/or flexible materials such as corrugated plastic. It is apt to saw through material and does not fray. Unlike the oscillating knife, the tangential utilizes a fixed blade and is best used for materials that are heavier, thicker or harder. Both of these knives have a varied selection of blades that are fitted with different geometries

designed to suit various materials.

BCAM CNC ROUTER APPLICATION

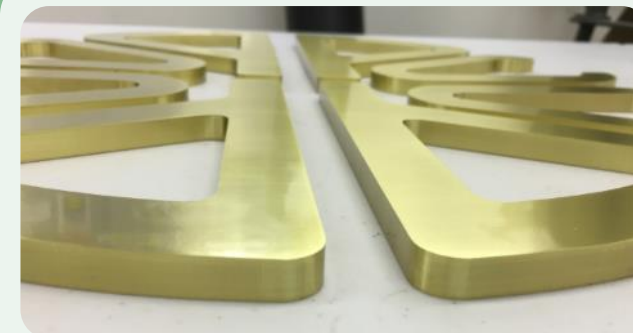
Built for manufacturers who process large volumes of cladding materials and rely on speed and efficiency, the BCAM system is the world's leading all-in-one panel-fabrication solution on the market. By combining an advanced, easy-to-use software solution with a custom machine design, BCAM has created a system that can process all types of cladding materials faster, more consistently and at a lower cost than ever before.

The conventional approach to the production of these panels has been to use panel saws, guillotines, notchers and turret punches. This method is extremely labor intensive and requires panels to be continually moved from one station to another.

Consistency and reliability of output also are major issues where multiple machines and operators are involved. Common materials in this industry are typically 50" , 62" or 78" wide and typically up to 196" long. By delivering a CNC Router with the bed size to handle the full sheet in one piece, the BCAM system reduces the risk of damage to the pre-finished panels.

Typically, hundreds or even thousands of panels are required in a single project. It is therefore important to maximize the material utilization to reduce costs and keep scrap to a minimum. BCAM incorporates a sophisticated nesting algorithm that can address both simple and complex

panel geometry to reduce process time and maintain high levels of efficiency.



Aluminum & Metal Composite Cladding

BRING IDEAS TO YOU

BCAM CNC ROUTER APPLICATION

CNC routers are one of the most versatile tools for any solid surface operation. With a CNC router from BCAM, you will be able to greatly expand the capabilities of your shop, reduce labor hours, improve efficiency, and become more competitive in your market. Machine a variety of materials including MDF, plywood, hardwood, melamine laminates and other solid-surface materials into the parts you need on a production basis. Many solid surface fabricators choose CNC machines that can process 4' x 8' and 5' x 10' size sheet stock.

The BCAM CNC Router is the most versatile CNC router in the industry, offering endless standard machine configurations. Capable of accommodating all standard sheet sizes, it's the ideal solution for solid-surface manufacturers.

Add productivity options like a 7 or 21 automatic tool changer, along with a pneumatic drill for single holes, or a boring block for 32 mm shelf holes. Add pop-up location pins for repeatable material location and a high-power vacuum pump system to hold materials in place on the zoned vacuumed bed.



Offering the most versatile solution for any solid surface application

BRING IDEAS TO YOU

AFTER SALES

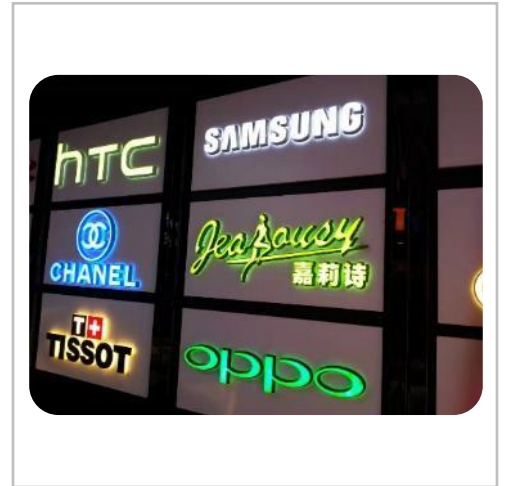
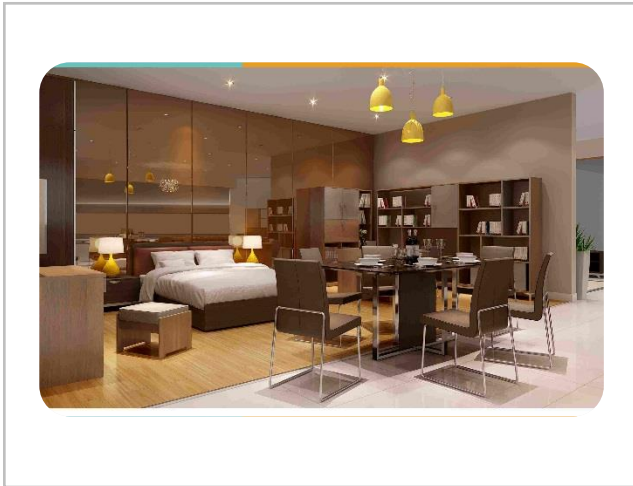
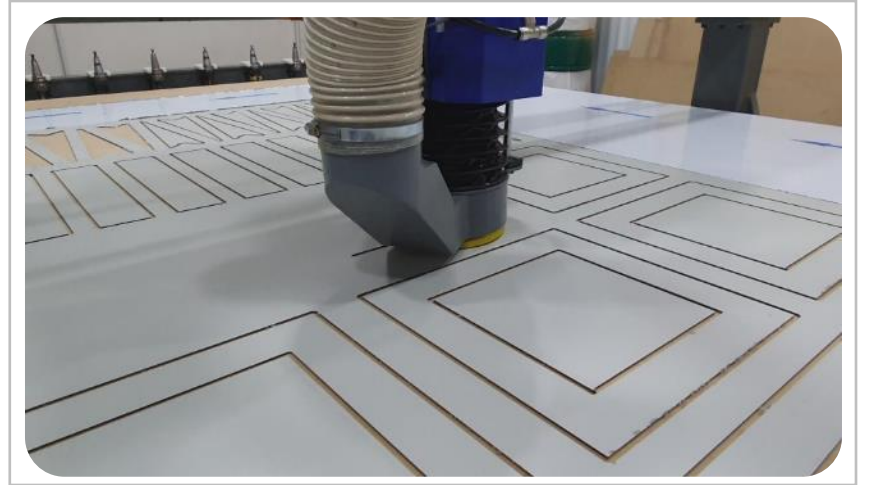


After sales service:

1. 24 months guarantee of the whole machine, We will provide the consumable parts at an agency price when you need replacement.
2. Our engineer could support you technology to your country if necessary.
3. Our engineer could train you on at our factory for free.
4. Our engineer could service you 24 hours online by skype, yahoo, msn, QQ, or by cellphone.

BRING IDEAS TO YOU

SAMPLE

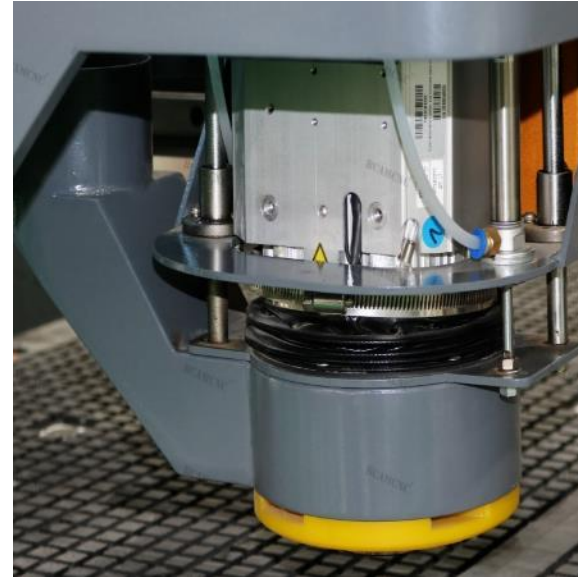


BRING IDEAS TO YOU

SUPERIORITY I



The country's first dust-free vacuum system is inspired by the "Typhoon" cyclone. Our French engineer, Mr Ness, studied this technology for three years and finally developed it successfully which has been perfectly applied into our products, which is now a BCAM patent courtesy of our French engineer. After the improvement by Mike, our Design Director, it has been applied to our S, C, D and E series equipment. The beautiful design and excellent performance have won praise from many customers. More and more customers have seen the revolutionary vacuum design in the industry, and some of them traveled from far to purchase BCAM engraving machines.



BRING IDEAS TO YOU



Active production system

The original active protection system, also known as the “anti-collision emergency stop switch”, has active protection for workers’ safety during the working process of the machine. At the same time, it has a system to automatically save the breakpoint, and after the alarm is manually released, the engraving machine can continue to work.

SUPERIORITY III



Based on more than ten years' experience in engraving machines, BCAM has gradually developed into a leader in the engraving machine industry. Our unique design and distinctive color matching have led the aesthetic trend of the engraving machine industry. We maintain a diversified product composition, and the patents of our invention are applied to key parts of each product to ensure the practicality, convenience and professionalism of the engraving machine. Together with our product excellence, we have the confidence to make our customers 100% satisfied, both in appearance and internal structure.

BRING IDEAS TO YOU

process of production



1. Industry ERP Warehouse Management system
2. Marble of 0.0001mm Accuracy checking X/Y/Z axis install accuracy
3. Senior electrician assembles electric box, safe, attentive

4. Germany CNC milling machine making parts of cnc router with Highest accuracy
5. 5 axis cnc milling making the Frame of machine , milling , drilling and Tapping

BRING IDEAS TO YOU

package



Antirust



Inventory



Waterproof



Stable

BRING IDEAS TO YOU

PACKAGING AND AFTER SALES SERVICE



Packaging:

1. Standard plywood case, its compressive strength and bearing quality is better.
2. The board area is bit, the soil structure is good, it is better in leakproofness and waterproof.
3. When importing, the plywood case is with fumigation-free, the procedure is simple.



BRING IDEAS TO YOU

OPTIONAL



Boring unit



Multihead machine



Safety light beam barriers

BRING IDEAS TO YOU

CONTACT



BRING IDEAS TO YOU



THANKS FOR WATCHING

BCAM--Jeff

Email: admin@bcamcnc.com

Whatsapp: +8615154109683

Website: www.bcamcnc.com



USER-CENTERED, BASED ON TECHNOLOGICAL INNOVATION