

Company Profile: ▶



CHENcan (Shandong) production base

CHENcan Machinery is a national-level high-tech enterprise integrating R&D, production and sales, Founded in 1998, be one of the well-known manufacturers of five-axis linkage machining centers in China, and was selected in the 2017 and 2019 "Shandong Province's first (set) Technical Equipment and Key Core Components" production enterprise directory. CHENcan CNC complete the reorganization in Nov 2014 and officially listed in Qingdao Blue Ocean Stock Trading Center in Dec 2014 (Stock Name: Chencan Machinery, Stock Code: 800162).



CHENcan (Jiangsu) production base

H&H is committed to the research and development, production, sales and service of professional five-axis linkage intelligent processing equipment and intelligent automatic welding equipment. The smart equipment project has a total investment of RMB 150 million and covers an area of 35000

Based on high-degrees manufacturing and research and development of three-axis & five-axis linkage machining centers, composite panel sawing machining centers, and FDM industrial-grade 3D printers. We has rich experience in the application of five-axis machine tools and has become a mature multi-axis machine manufacturer in China. All products be widely used in the high precision CNC machining needs of different fields such as rail transit, aviation, aerospace, automobiles, ships, yachts, medical care, wind power, molds, landscape sculptures and other mold mould making.

Company Advantage ►



User Case ▶



















































济南二机床集团 国机集团











SWIRE

太古集团







Export Company: Shandong PEF Machine Tool Co.,Ltd

China (Shandong) pilot free trade zone

Shandong province, China.

city, Jiangsu province, China

Add: Rm.2433-h3, Aosheng buildinig, No.1166 Xinluo street, Jinan area of

Production Base: Shandong Chencan Machinery Incorporated Company

Production Base: Chenhechen Intelligent Equipment (Jiangsu) Co., Ltd

Add: West Ming Jia road, Qihe economy development zone, Dezhou city,

Add: No.21 of Ningbo road, Shihong ecnomic development zone, Sugian







WhatsApp: +86 187 5347 5557 Skype ID: chencancnc WeChat ID: 18753475557 Facebook ID: chencancno Instagram ID: chencancnc

YouTube Keywords: chencan cnc Website: www.chencancnc.com Email: info@chencancnc.com

CHENcan Machine has the right to change the appearance, structure, type and price of all equipments, subject to change without notice.



Committed to offer a high degree of process reliability and individual solutions for customers in completely different sectors

Stock Code: 800162



► 5 Axis Linkage Machining Center



Application Industry ▶



SANITARY WARE INDUSTRY

Materials: FRP composite materials, Gypsum, etc Products Used: Bathtubs, Basins, Toilets, etc



WIND POWER INDUSTRY

Materials: Wood, Fiberglass, composite materials, etc Products Used: Blade Mold. Nacelle Cover Mold. etc.





AUTOMOTIVE AND MARINE INDUSTRY

Materials: Wood, Carbon Fiber, Fiberglass, Sludge, Foam, Composite Materials, etc **Products Used:** Car Models, Ship Models, Bumpers, Sheet Metal,

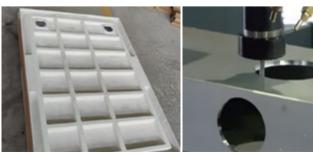


Website: www.chencancnc.com



NEW ENERGY INDUSTRY

Materials: Plastic Products **Products Used:** New Energy Battery Box





Materials: Wood, Plastic, Carbon Fiber Foam, Fiberglass, Composite Materials, etc.

Products Used: Military Confidential Products, Automotive Interiors, Medical Appliances, Casting Molds, etc.

E-mail: info@chencancnc.com



BS2513-5S Table Move Type 5 Axis Linkage Machining Center >



■ Feature:

- Ram, Left & Right Columns, Beams and woke table are welded with steel sheet, work table with T-Slot structure; All main mechanical parts are tempered, which has good shock absorption and thermal stability.
- The high-precision 5 axis CNC control system is characterized by high precision, diversified operations, intelligent processing and crossborder protection function, which can prevent mechanical collision caused by over travel during operation.
- The five-axis box body is made of high-strength cast iron, Original imported high-torque & high-precision harmonic/RV reducer, Imported hightorque spindle. These all ensure the accuracy and stability of processing, and meanwhile greatly improve the processing efficiency.
- Spindle adopts HSK taper hole clamping method with strong tool locking force, high precision stability. Especially suitable for high-speed machining occasions, effectively improving machining accuracy and smoothness, and shortly reduce the machining time.
- Automatic carousel type tool change magazine with 8 tool positions, ensure stable and reliable tool exchange.
- X, Y, and Z are driven by high-precision & pre-stretched ball screws, which are suitable for high-precision and powerful cutting of workpieces.

Application Materials:

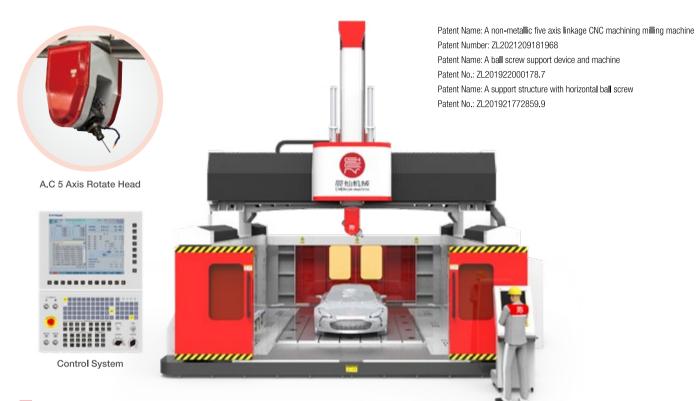
• Substitute Wood, EPS, Foam, ABS, Aluminum Alloy, Acrylic, Wood, Fiberglass, Rubber, Plastic, Resin, Carbon, Fiber Glass Fiber, Gypsum, Sludge, Polymer Composites and Non-metallic carbonized mixed materials.

■ Technical Specification:

Stroke Size (mm)	X: 3450	5 Axis Working Size (mm)	X: 2500	Spind l e	Italy HITECO 15Kw Spindle
	Y: 2150		Y: 1300	Spindle Speed	24000rpm/min
	Z: 1200		Z: 800	Spindle Cone	HSK 63F
A Axis	±120°			Drive Type	XYZ all adopt high precision ball screws
C Axis	±360°			Work Model	AC Servo Drive
Max Working Speed X/Y/Z(m/min)	30/30/10			Work Table Type	Steel Table or Vacuum Table
Max Rapid Speed X/Y/Z(m/min)	60/60/20			Air Pressure (kgf/cm²)	0.6~0.7
Positioning Accuracy X/Y/Z (mm/m)	0.025/0.025/0.025			Total Power (KVA)	38
Repeatability X/Y/Z (mm/m)	0.01/0.01/0.01			Gross Weight (T)	10



SF3565T-5S Portal Type 5 Axis Linkage Machining Center **>**



■ Feature:

- The work table adopts high-strength cast iron structure with T-Slot structure and resin sand modeling design; Ram, Left & Right Columns, and Beams are welded with steel sheet; All main mechanical parts are tempered, which has good shock absorption and thermal stability.
- The high-end 5 axis CNC control system is characterized by high precision, diversified operations, intelligent processing and cross-border protection function, which can prevent mechanical collision caused by over travel during operation.
- The five-axis box body is made of high-strength cast iron, Original imported high-torque & high-precision harmonic/RV reducer, Imported high-torque spindle. These all ensure the accuracy and stability of processing, and meanwhile greatly improve the processing efficiency.
- Imported spindle, adopts HSK taper hole clamping method with strong tool locking force, high precision stability. Especially suitable for highspeed machining occasions, effectively improving machining accuracy and smoothness, and shortly reduce the machining time.
- Automatic linear type tool change magazine with 12 tool positions, ensure stable and reliable tool exchange.
- X, Y, and Z are driven by high-precision & pre-stretched ball screws, which are suitable for high-precision and powerful cutting of workpieces.
- Customized service, customers can choose models according to the size of the model.

Application Materials:

Substitute Wood, EPS, Foam, ABS, Aluminum Alloy, Acrylic, Wood, Fiberglass, Rubber, Plastic, Resin, Carbon, Fiber Glass Fiber, Gypsum, Sludge, Polymer Composites and Non-metallic carbonized mixed materials.

■ Technical Specification:

Stroke Size (mm)	X: 6500		X: 5500	Spindle	Italy HITECO 15Kw Spindle
	Y: 3500	(mm)	Y: 2500	Spindle Speed	24000rpm/min
	Z: 2500		Z: 2100	Spindle Cone	HSK 63F
A Axis	±120°			Drive Type	XYZ all adopt high precision ball screws
C Axis	±360°			Work Model	AC Servo Drive
Max Working Speed X/Y/Z(m/min)	40/40/10			Work Table Type	Cast Iron Table with T Slot
Max Rapid Speed X/Y/Z(m/min)	60/60/20			Air Pressure (kgf/cm²)	0.6~0.7
Positioning Accuracy X/Y/Z (mm/m)	0.025/0.025/0.025			Total Power (KVA)	57
Repeatability X/Y/Z (mm/m)	0.01/0.01/0.01			Gross Weight (T)	38



SF35120-5S Huge Mold 5 Axis Linkage Machining Center ▶



Feature:

- All main mechanical parts are tempered, which has good shock absorption and thermal stability.
- The high-end 5 aixs CNC control system is characterized by high precision, diversified operations, intelligent processing and cross-border protection function, which can prevent mechanical collision caused by over travel during operation.
- The five-axis box body is made of high-strength cast iron, Original imported high-torque & high-precision harmonic/RV reducer, Imported hightorque spindle. These all ensure the accuracy and stability of processing, and meanwhile greatly improve the processing efficiency.
- Spindle adopts HSK taper hole clamping method with strong tool locking force, high precision stability. Especially suitable for high-speed
 machining occasions, effectively improving machining accuracy and smoothness, and shortly reduce the machining time.
- Automatic linear type tool change magazine with 8 tool positions, ensure stable and reliable tool exchange.
- Customized service, customers can choose models according to the size of the model.

Application Materials:

 Substitute Wood, EPS, Foam, ABS, Aluminum Alloy, Acrylic, Wood, Fiberglass, Rubber, Plastic, Resin, Carbon, Fiber Glass Fiber, Gypsum. Sludge, Polymer Composites and Non-metallic carbonized mixed materials.

■ Technical Specification:

Stroke Size (mm)	X: 12000		X: 11000	Spindle	Italy HITECO 15Kw Spindle
	Y: 3500	5 Axis Working Size (mm)	Y: 2500	Spindle Speed	24000rpm/min
	Z: 2000		Z: 1600	Spindle Cone	HSK 63F
A Axis	±120°			Drive Type	XY: Incline Rack & Pinion Z all adopt high precision ball screws
C Axis	±360°			Work Model	AC Servo Drive
Max Working Speed X/Y/Z(m/min)	40/40/10			Work Table Type	No
Max Rapid Speed X/Y/Z(m/min)	60/60/20			Air Pressure (kgf/cm²)	0.6~0.7
Positioning Accuracy X/Y/Z (mm/m)		0.03/0.03/0.03		Total Power (KVA)	42
Repeatability X/Y/Z (mm/m)	0.02/0.02/0.02			Gross Weight (T)	30



Equipment accessories:

Control System: Huazhong 848D	Tool Magazine		
Servo Drive: Huazhong Servo	Common Maintenance Tools		
Big Size Taiwan Linear Guide Rail	Equipment Pads and Leveling Bolts		
Z Axis Hydraulic Balance System	Control System: Siemens 828		
Cabinet Cooling System	Control System: Taiwan Syntec 610MA		
Pneumatic & centralized lubrication System	Imported Italy Spindle		
Spindle Cooling System	Anti-backlash Function		
Tricolor & Lighting Lighting	H/L Type Rotate 5 Axis Head		
Standard Accessories & Related Documents	Around Protection		

Note: ● Standard Configuration Optional Configuration



























