

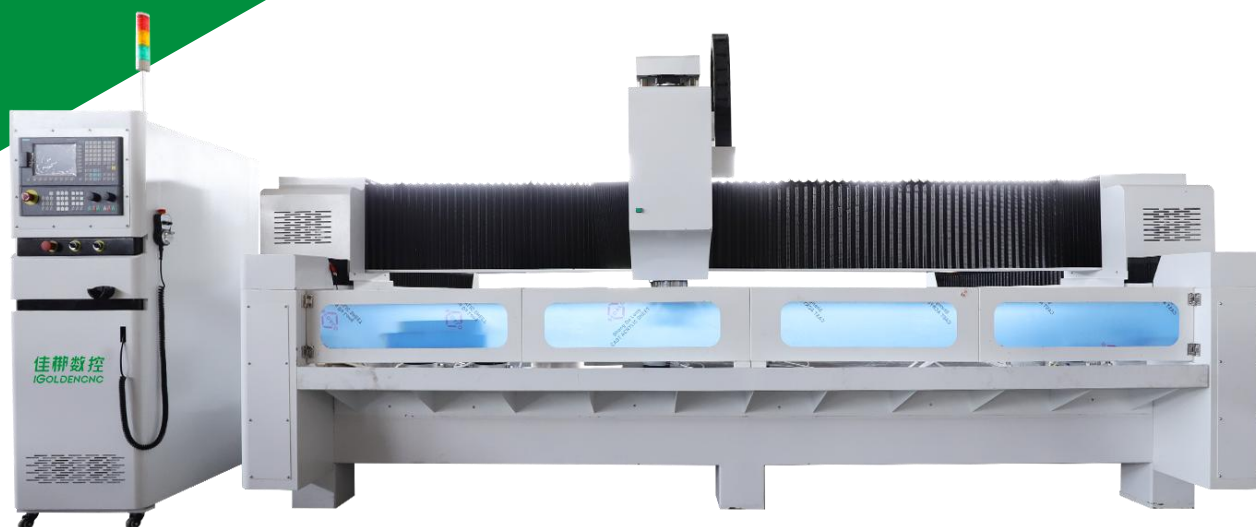
IGOLDENCNC



TECHNICAL PROPOSAL

IGS-ATC

ATC Stone CNC Machining Center



● Product introduction

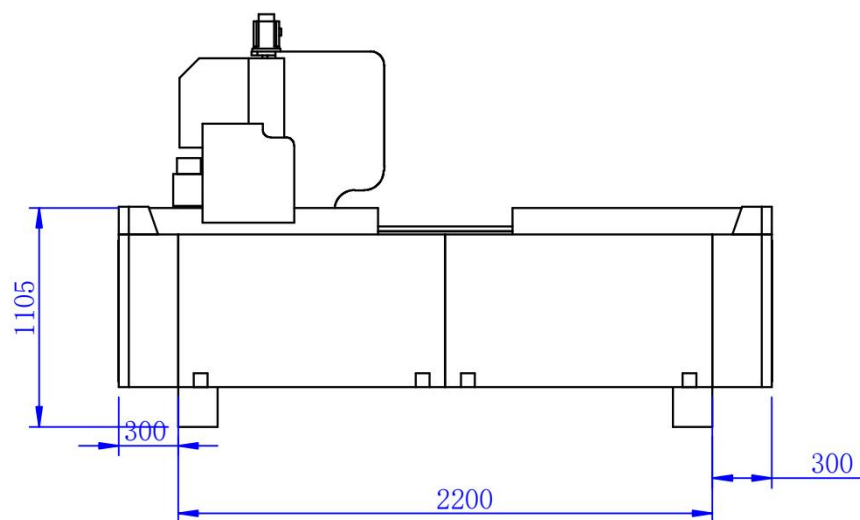
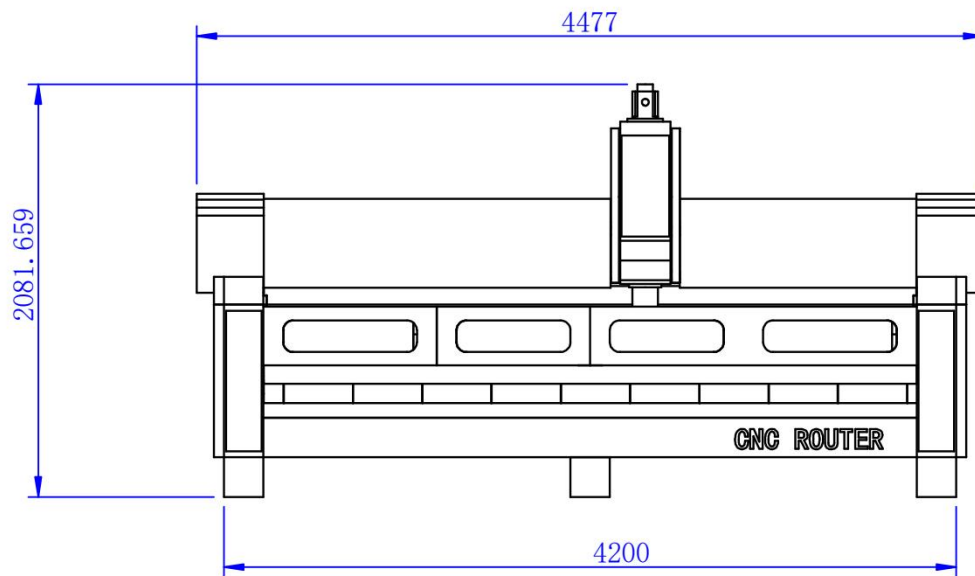
Stone processing center is a CNC automatic engraving high-tech equipment, mainly used for the processing of stone countertop, can achieve a feeding to complete all the processes of countertop processing. Stone countertop copying, special-shaped processing, grinding Roman edge, treatment of circular arc after retaining water, cutting basin holes, grinding basin along, polishing and other processes can also do stone relief carving.

Widely used in kitchen countertops, bathroom countertops, stone tabletop, coffee table countertop, TV counter surface processing, can also be used in billiard table, welcome table countertop, ordering table and other stone countertops.

● Multiple Angle presentation



● Product Dimensions



● QUOTATION FORM

ATC Stone CNC Machining Center	
Seller	Company Name: Shandong iGolden CNC Technology Co.,Ltd. Company Address: 5th Floor, Building 2-2, Enterprise Park, East 8, Tangye Middle Road, Licheng District, Jinan City, Shandong Province, China Whatsapp: Mobile: Contact Person: Email Address:
Model	iGS-ATC
Type	Stone machine
Quotation FOB QINGDAO USD	
Delivery	
Payment	
Packing Size	
Gross weight	

● Product Parameter

Technical indicators	parameter
Model	iGS-ATC-3015
Working area	1500*3000*500mm
Max. Running Speed	20000mm/min
Max. Working Speed	10000mm/min
Spindle power	7.5kw Water cooled tool change spindle
Spindle speed	8000rpm
Positional accuracy	0.05mm
Repositioning Accuracy	0.02mm
Command Language	G code
Working Voltage	380v/50Hz

● MAIN CONFIGURATION

Name	Manufacturer/Brand
Machine Body	Square Tube Welding Structure
Gantry	Steel Structure
Spindle	Mechanical spindle
Spindle drive motor	Alpha
Worktable	Profile Clamping Table
Guide Rails	Taiwan HIWIN
Rack	Taiwan YYC
Ball Screw	Taiwan TBI
Driver	Weihong
Reducer	Japan SHIMPO
Electrical Components	SCHNEIDER / CHNT
Lubrication System	Electric oiling
Control System	NCSTUDIO

● CONFIGURATION INTRODUCTION



Water cooled automatic tool change spindle

5.5KW/7.5KW water-cooled tool change spindle, high rotation accuracy, small vibration, low noise, good heat dissipation, grease lubrication high temperature resistance, durable, long life.



In-line tool changing tool library

Automatic tool changing tool library, the number of tool library can be increased according to different processes.



Intelligent Control System

IGOLDEN independent electric control cabinet, humanized design, Taiwan SYNTEC system optional, easy to operate.



Positioning adsorption block

The double-sided sealed suction cup system combined with high-power adsorption pump + auxiliary positioning device effectively increases the adsorption capacity of the suction cup to ensure that the stone does not shift during processing.



Japan Pantoscopic guide rail

Stable operation, high efficiency, high precision.



Taiwan T-WIN rack

High precision, with gear drive, high precision tooth surface, smooth sliding.



SHIMPO reducer

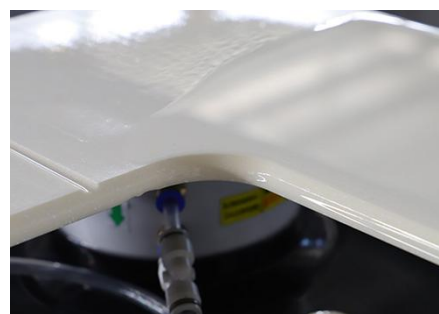
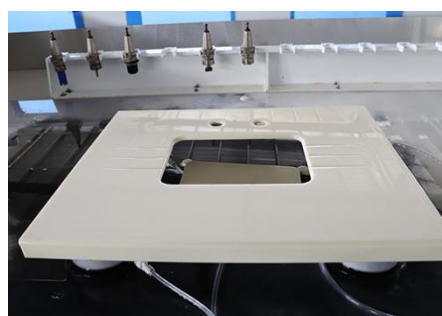
Easy installation, low noise, strong bearing capacity, stable structure, smooth operation.

Advantage

- The whole high quality steel is welded and tempered to ensure the long-term use of the machine without deformation;
- The larger storage of automatic tool changing system makes the whole process from opening, cutting, milling molding and polishing all kinds of processes in one go, fully realize a high degree of automation;
- Intelligent environmental protection, the whole process of automatic environmental protection processing; Create a dust-free workshop to reject pneumoconiosis;
- Positioning adsorption block, double-sided sealed suction system combined with high-power adsorption pump + auxiliary positioning device effectively increase the adsorption capacity of the sucker, to ensure that the stone does not shift during processing.
- Electric oil injection system, machine maintenance more time and labor saving;
- The machine comes with circulating water tank, the whole machine realizes self-circulation, only need to change the water regularly to clean.
- With Japan Pantoscopic guide rail and rack, high positioning accuracy, smooth sliding, reliable quality, long life.
- Professional CNC control system, easy to learn and easy to operate.

● Sample

- >Decoration industry: special-shaped lines and relief carvings on stone background walls;
- >Stone countertop digging basin holes and European-style edging: suitable for cabinet artificial stone, quartz stone, granite, marble countertops and sinks, kitchen countertops, bathroom countertops, special-shaped bar counters, stone coffee table desktops, cutting of basin holes, back-arc water Molding and polishing, etc;
- >Drilling, grinding, trimming, carving, cutting, polishing, carving of other special-shaped stones, ceramics, glass and ceramic stones.







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