

SC SERIES STONE PROCESSING ENGRAVING MACHINE

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Configuration

1. Robust square steel tube machine body, stiff, not deforming, reasonable advanced welding procedure, ensure stability of machine.
2. Adopt imported linear square rail ,Y axis in two row-four lines slide guide lock rail, heavy loading ability, fast speed ,stability motion ,more accuracy, long lifetime
3. Reasonable design: Z axis with high accuracy Germany rolling ball screw transmitting, high accuracy Z down action, Y axis with high performance double line rack&pinition transmitting system, high speed, more powerful
4. Constant power spindle motor, strong cutting performance ,high efficiency
5. Software compatibility: compatible with many CAD/CAM design software like Artcam/Castmate/art grave etc.
6. Full set of engraving bits, relief engraving function, double side tools cooling system
7. FPGA colored LCM controlling system with 2GB inner memory capacity, support USB lash disk transmitting, high calculation speed, owns function of break point continuation, power off recovering, ensure the machine can continue working without interferences

Rail	configure with Japan THK Linear Rail
Working area	1300*2500*400mm
Structure	robust square steel tube machine body, stiff, not deforming
Spindle motor	3kw high speed constant power water cooling inverter driven spindle motor
Max. speeding	30m/min
Driver motor	Stepper motor (servo motor optional)
Control system	FPGA colored LCM control system
Maximum engraving speed	15m/min
Resolution	0.01mm
Repeat positioning	0.02mm
Spindle motor rotation speed	0~24000rpm/min
Format dictate	G-code, *U00*.plt etc
Voltage	AC 220/50Hz-60Hz, AC380V /50Hz optional

Suitable Industry:

Stone, tomb processing, artistic relief engraving, advertising, decoration, pottery tile industry etc.

Applicable material:

Any kind of stone material like marble, granite blowlder&jade, bluestone, dark stone and pottery etc.



