



Feature:

1. Lathe bed is welded with thick square tube and is processed by high temperature tempering treatment, good rigidity and heavy loading.
T-slot structure, it can be loaded 6 tons.
2. Three axes adopt imported high precision Taiwan square orbit; X and Y axes adopt rack and pinion transmission, fast working, high efficiency and low cost; Z axis adopts imported ball screw, with high precision and long life time.
3. Well compatibility: CAD/CAM designing software e.g.
Type3/Artcam/Castmate/Wentai etc.
4. It has the function of re-carving after break point and power failure

5. It has the function of forecasting process time.
6. Adopting advanced DSP system with USB connection, operated with the handle, convenient operation. Our engraver can completely work off-line and do not take any computer resources.
7. Auto oiling system
8. Adopt imported linear square orbit, high precision, heavy loading and long lifetime.
9. The machine has water tank and automatic water cooling system.
10. Waterproof and dustproof design for the machine protects the transmission parts from broken.

Technical Parameter:

Model	PC-1318SS	It can be customized
X.Y working area(mm)	1300*1800	
Z working area	300mm	
Resolution	0.01mm	
X,Y structure	Rack and pinion transmission	
Z structure	Imported ball screw	
Max speed	30m/min	
Spindle power	4.5kw(constant power rate spindle)	
Spindle rotating speed	0-24000r/min	
Cooling mode	Water cooling	
Working voltage	AC380V/50/60 Hz ,3PH	
Drive Motor	Stepper	
Command	G code*.u00*.mmg*plt	
<u>Operating system</u>	<u>DSP(with separate operation cabinet)</u>	
Interface	USB	
Diameter of cutter	3.175--12.7	

Applicable Industries:

Stone industry :engraving various granite,bluestone,marble,gritstone,soapston and etc.

Metal processing industry.

Applicable Materials:

All kinds of stone, such as marble, granite, artificial stone, metal materials.

Working video: <http://youtu.be/7XGBFRe07HI>