RUIZHOU Pattern Cutting Machine

With blade cutting and pen drawing two main functions, the pattern cutting plotter is widely used in pattern making in such areas as footwear, garment, bag, lamp and electronic, etc. Almost all kinds of materials for pattern making can be processed with this machine, such as, cardboard, PVC sheets, plastic sheets, Kraft, etc.







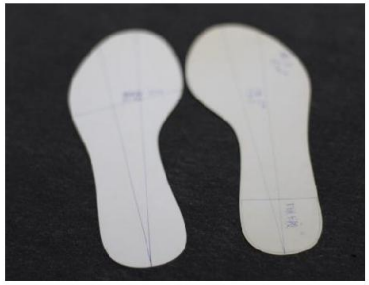
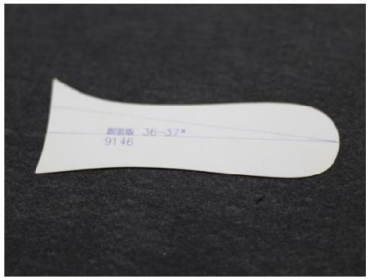
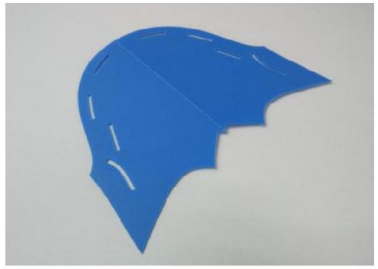
Details

Available working area: 900 x 600mm, 1200 x 900, 1500 x 900, 1500 x 1200mm.

Material fixing way: vacuum, adhesive and electrostatic for your option.

Manual and auto material feeding are available.




Benefits

Efficient. At least 5 times faster than traditional manual working.

Convenient. Easy to operate lead to low dependence on experienced worker.

Accurate. Computerized machine with high accurate cutting head ensures a perfect cutting result.

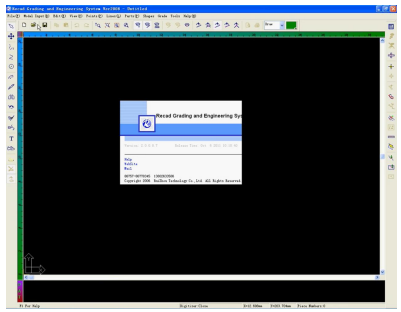
Workflow:



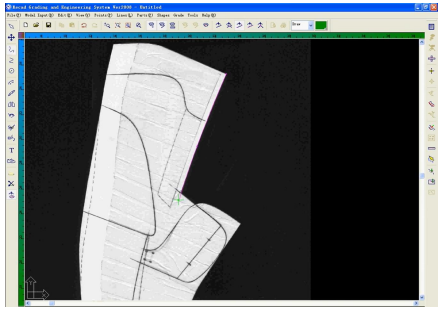
Place the shoe pattern into the 2D scanner.



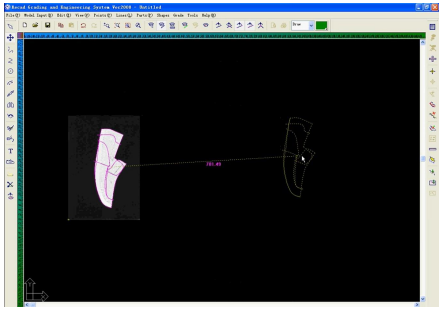
The scanner scans an image in *bmp format.



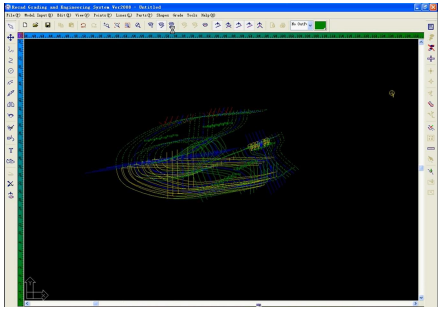
Use the grading software to import the scanned image.



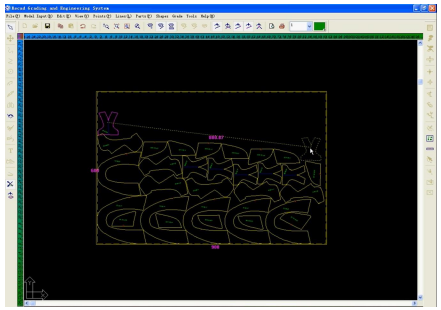
Trace the designed lines of the pattern and generate the lines data.



After designing, grade the shoes pieces according to the mother pattern.



Nest patterns that need to be cut.



Send the nested file in *DXF or *PLT formats to the machine.





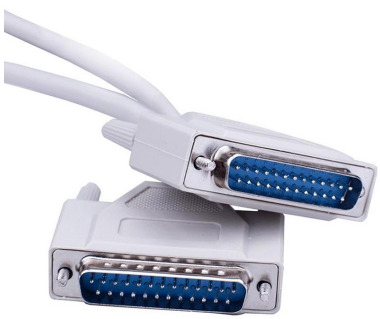
Cutting.



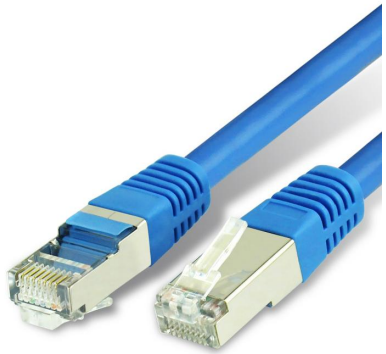
Connection between the computer and machine:



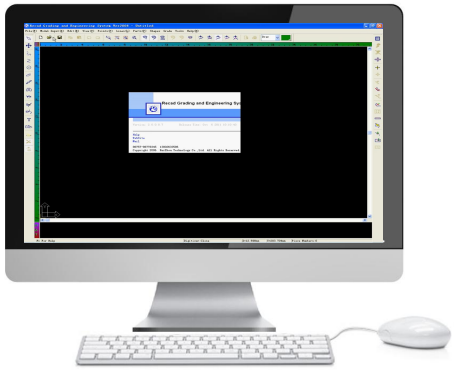
Serial cable



Parallel cable



Ethernet cable

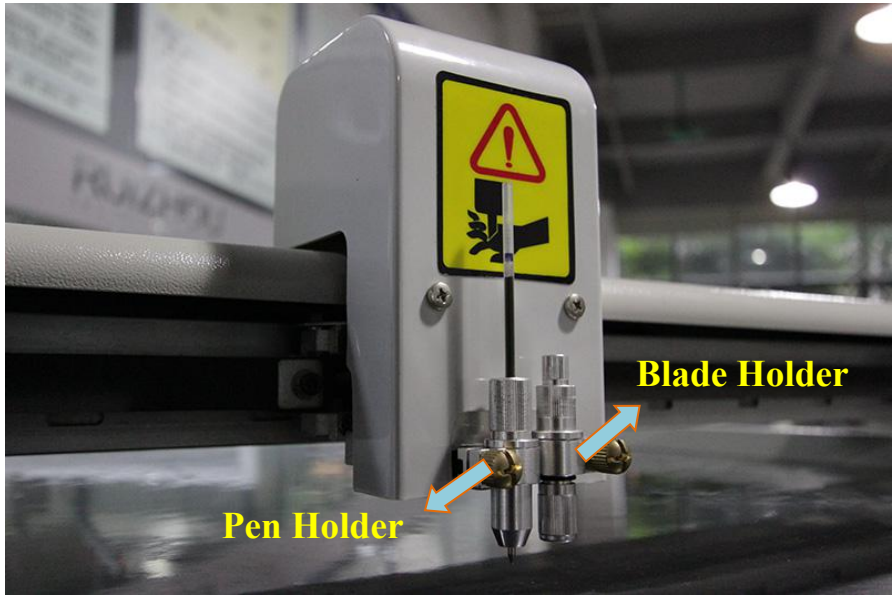


☑1. Serial cable;
☐2. Parallel cable;
☐3. Ethernet cable.

Remark: The default way to connect the computer and the machine is with a serial cable, parallel cable and Ethernet cable can be as other two ways to connect.



Reference pictures:





Blade (Short)

Blade (Long)



Blade Holder



Blade Holde



Pen Holder & Ball Pen

Technical Parameter:

Model	RZCAM6－0906A	RZCAM6－1209A	RZCAM6－1509A	RZCAM6－1512A
Effective working area: (L x W)	900mm×600mm	1200mm×900mm	1500mm×900mm	1500mm×1200mm
Cutting speed	0-120cm/s			
Cutting thickness	0.1mm ～ 2.0mm			
Cutting Material	Plastic sheet, white board, fiber insole, PC electronic film, brown paper, Kraft, cardboard, parchment, PVC film, electronic film, etc.			
Tools	Drawing pen, knife			
Motor	Stepper motor			
Drawing pen type	Gel pen, mark pen, ball pen, silver pen			
Knife property	8 different types of cutting property, half cutting, complete cutting settings			
Material fixing method	Vacuum absorption			
Machine resolution	0.01mm			
Software resolution	0.025mm			
Computer connecting	RS323 serial part, LPT, RJ45 network port			
Memory	4MB			
Software program	HP-GL and GP-GL drive language			
HMI	Physical button + LCD panel & Resistive touch screen			
Voltage/ Frequency	AC220V±22V/ 50±1Hz			

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