



DIGITAL CUTTING MACHINE



BEST SOLUTION FOR CUTTING

Jinan AOL CNC Equipment Co., Ltd
济南奥镭数控设备有限公司
www.aollaser.net



AOL 奥镭 JINAN AOL CNC EQUIPMENT CO., LTD



No. 901, Aosheng Building 1, Xinluo Street, Lixia District, Jinan City, Shandong Province, China
Factory address: No. 1777 Chunhui Road, Licheng District, Jinan City, Shandong Province, China
Tel: 0086-15866715862
E-mail: aollaser07@aollaser.com
Website: www.aollaser.com

Different cutting tools: oscillating cutting tool, driven rotary tool, kiss cut tool, universal cutting tool, V-cut tool, creasing wheel tool, milling tool, etc. It can meet different cutting requirements.



AOL digital cutting machine was designed easy to install, set-up and operate.



Imported Taiwan linear square guide rail and Japanese servo motor ensure high accuracy, fast cutting speed and stable working performance.



Being equipped with infrared sensor and emergency stop devices, guarantees safety.



Whole machine is welded with thick square seamless steel structure and treated with high temperature, ensures high accuracy, no deformation and super long service life.



7 inch large touch screen makes the operation more convenient

The whole piece aluminum platform is honeycomb structure, not easy to deform, sound-absorbing, etc.



Cutting by knife not laser, no air pollution, no burnt edge, cutting speed is 5-8 times faster than laser cutting machine.

DIGITAL CUTTING MACHINE >>>



Technical Parameters

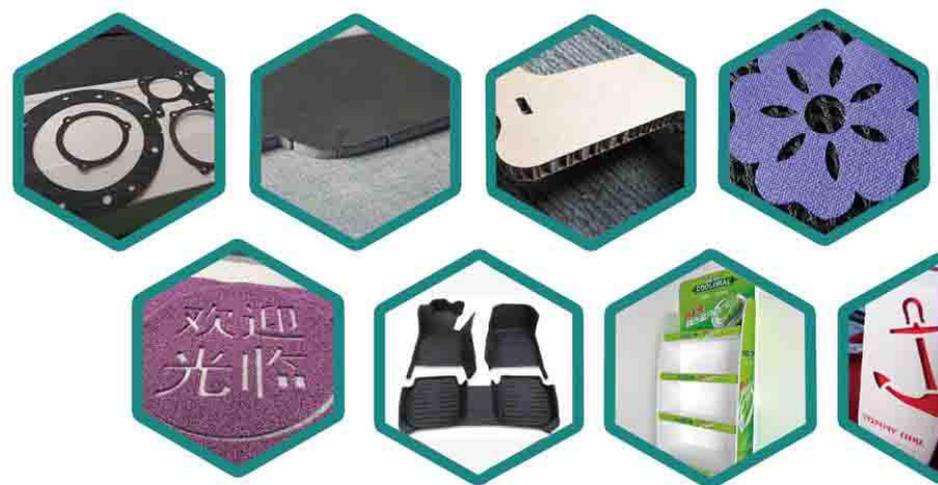
Model	AOL-1625	AOL-1825	AOL-2135
Working area	1600*2500mm	1800*2500mm	2100*3500mm
Working table	Auto feeding working table or Fixed working table can be optional		
Cutting thickness	≤50mm(depend on different materials)		
Maximum cutting speed	1600mm/s(depend on different materials)		
Cutting accuracy	≤0.1mm		
Fixing method	Vacuum system		
Drive system	Servo motor and driver		
Interface	Ethernet port		
Format compatible	PLT,DXF,AI,etc.		
Cutting materials	leather, glass fiber, carbon fiber, fabric, sticker, film, KT board, foam board, rubber, gasket materials, garment cloth, paper materials, footwear materials, bags materials,carpets, sponge, PU, EVA, XPE, PVC, PP, PE, PTFE, ETFE and composites.		
Pump power	5.5KW/7.5KW/9KW		
Safety device	Infrared sensors and emergency stop devices		
Power	AC 220V/380V±10%,50Hz/60Hz		
Working environment	Temperature 0-40°C,Humidity20%-80% no condensation		

Description:

AOL digital cutting machine is a perfect combination of technique and technology. It is widely used for cutting leather, glass fiber, carbon fiber, fabric, sticker, film, KT board, foam board, rubber, gasket materials, garment cloth, paper materials, footwear materials, bags materials, carpets, sponge, PU, EVA, XPE, PVC, PP, PE, PTFE, ETFE and composites.

This digital cutting system work with your computer by Ethernet cable, you can send any design shape to it for cutting purpose.

According to your different requirements, AOL digital cutting system can be equipped with multi-functional combined cutting tools, CCD positioning system, projector and other good quality components or devices. It is easy for users to learn and operate.



Optional Cutting Tools And Application



OSCILLATING CUTTING TOOL

Japanese servo motor, through the principle of high-frequency vibration to cut through the material, more suitable for 5mm below PVC, KT board and medium density cutting material, you can choose to install 45°, 26°, 16° and other different angles of cutting blade to complete different thickness of the material cutting.



UNIVERSAL CUTTING TOOL

For cutting 5mm below the PVC material, as well as coil, light box cloth and other flexible materials through cutting. Ordinary knife wide range of applications, according to different materials, choose different angles of the blade.



CREASING WHEEL TOOL

Creasing wheel tool is through the creasing wheel, for corrugated and honeycomb board crease processing and can be based on different thickness of the material.



KISS CUTTING TOOL

Kiss cut tool can automatically adjust the depth of the tip, so that only cut through the upper half of the material without damage to the lower half of the material, the main application of the labels, stickers and other materials cutting.



V-CUT TOOL

V-cut tool for cutting moderate hard PVC, corrugated, honeycomb panels and to be creased. You can adjust the grooves of different angles according to your different needs.



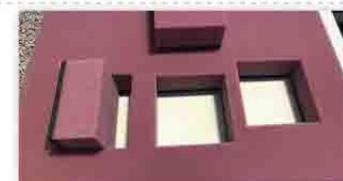
DRIVEN ROTARY TOOL

Driven by imported motor, and cut the materials through high speed rotating blade. It can cut banner cloth, non-woven fabrics and other flexible materials.



MILLING TOOL

Japan high-speed motor through the high-speed rotation of a high degree of hard material for milling, can be used for acrylic, aluminum plate, MDF and other materials cutting.



PNEUMATIC OSCILLATING CUTTING TOOL

Pneumatic oscillating cutting tool is an air-driven tool with high oscillating frequency. It is suitable for cutting hard, high dense materials.