

DIGITAL CUTTING MACHINE



BEST SOLUTION FOR CUTTING



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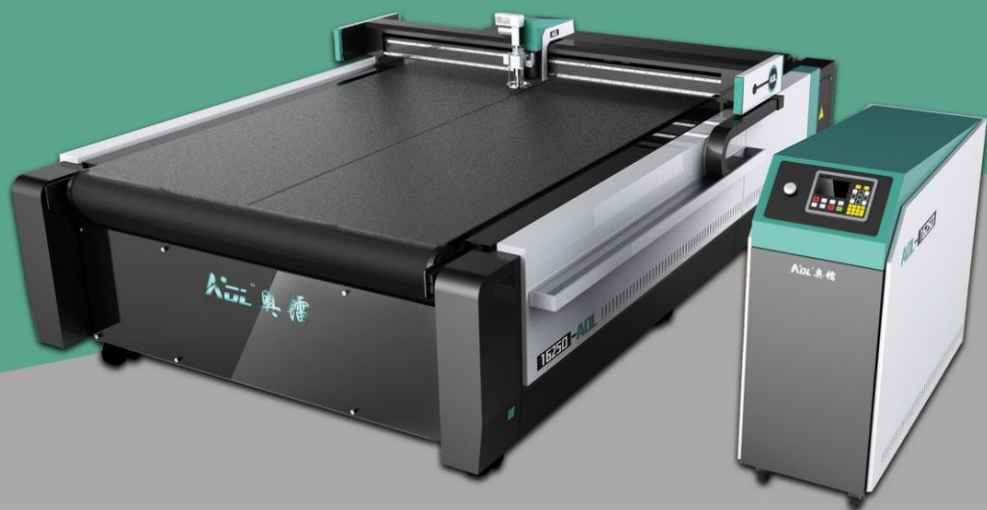
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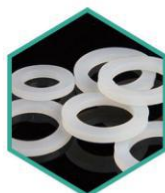
AOL-1625



机器优势

Machine advantage

- 1 机身经高温淬火、精铣刨磨、保证设备超长的使用寿命；
The machine frame is quenched by high temperature, grinding and milling to ensure the long using life of the equipment;
- 2 2019款顶配、操作系统更简单、功能更强大、数据传输USB、U盘、网线
接口多种选择、自带强大的超级排版系统；
2019 top-level operation system, simpler operating system, more powerful functions, data transmission is through USB, U disk, network cable interface etc, a variety of choices, comes with a powerful super typesetting system;
- 3 提供操作软件升级，承诺终身免费更新；
Provide the service of operating software upgrades, promise free updates for lifelong;
- 4 设备电气选用国外最高品质（日本伺服、欧姆龙等）。
Equipment electrical select the highest quality abroad (Japan Servo, Omron, etc)



技术参数 Technical parameters

技术参数/型号 Technical parameters / models	AOL-1625	AOL-1825	AOL-2125
有效工作范围 Effective working area	1600*2500mm	1800*2500mm	2100*2500mm
多功能机头 Multi-function cutting head	多功能刀头刀座组合，具备振动全断裁切、半断裁切以及压痕、斜切和光标定位功能，ccd定位切割，相机大幅度提边切割 The combination of Multi-function cutting head and holders, be with full cut, half cut, indentation, v-cut and cursor positioning functions, CCD positioning cut, Camera extract large contour to cut		
工具配置 Tools	振动刀、铣刀、气动刀、斜切、压轮、半切、拖刀、吸盘 oscillating knife, Milling tool, pneumatic knife, Vcut, crease wheel, kiss cut, drag knife, vacuum pump Sucker		
平移速度 Moving speed	800-1500mm/s		
重复精度 Repeat precision	±0.05mm		
传输方式 Interface	以太网口 Ethernet port		
数控面板 Control panel	多语言液晶触摸屏 LCD touch screen		
传动系统 Drive system	进口伺服马达、直线导轨、同步带、丝杠 Imported servo motor, linear guid, synchronous belt, screw		
裁切材料 Cutting material	瓦楞纸、卡纸、白纸板、灰纸板、不干胶、PVC胶板、KT板、人造革、皮革、垫片、海绵、预浸料、布料、亚克力、蜂窝板、纤维板、环氧树脂板、有机玻璃、汽车脚垫、纤维复合材料等柔性材料 Corrugated board, cardboard, white paper board, gray paper board, adhesive sticker, PVC board, KT board, artificial leather, leather, gasket, sponge, pre-preg, cloth, acrylic, honeycomb board, fiberboard, epoxy resin board, plexiglass, automotive pad, fiber composite materials and other flexible materials		
指令系统 Dnstruction system	HP-GL兼容格式 HP-GL Compatible format		
额定功率 Rated power	10KW		
额定电压 Rated voltage	380V±10%		
裁切厚度 Cutting thickness	≤50mm(根据不同裁切材料) ≤50mm(According to different material)		
材料固定方式 Material fixed way	真空吸附 Vacuum adsorption		

刀具及相应行业

Cutting tools and related industries

工业投影仪 INDUSTRIAL PROJECTOR



通过工业投影仪 把要切割的图形投射到被切割材料上，实现投影切割。

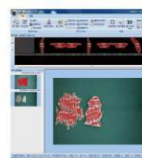
Project the cutting pattern on material by industrail projector, to realize the projection cutting.

适合行业：服装，汽车内饰，制鞋，箱包等行业

Application: garment, footwear, automotive interiors, bags and other industries.



真皮切割 GENUINE LEATHER CUTTING



真皮自动排料软件是针对真皮切割的一款排版软件，此软件可识别不规则真皮中的瑕疵漏洞，然后进行排版，实现最大限度的省料。

The genuine leather automatic nesting software is a typesetting software for leather cutting. This software can identify the flaws in the irregular leather and then typeset to maximize the saving.

适合行业：箱包、钱包、雪地靴、汽车内饰等行业

Application: Luggage, purse, snow boots, car interior cushion etc





振动刀 OSCILLATING KNIFE

通过伺服电机驱动刀片上下高频振动从而切断材料，非常适合切割中密度的材料，搭配种类繁多的刀片可以胜任绝大部分柔性材料的切割。
The servo motor drives the upper and lower high-frequency vibration blade to cut off the material, which is very suitable for cutting of medium-density materials. With a wide variety of blades, it can handle the cutting of most flexible materials.

适合行业：皮革、地毯、碳纤维、纸箱等行业
Application: leather, carpet, carbon fiber, carton and other industries.



圆刀 DRIVEN ROTARY TOOL

通过伺服电机驱动刀片高速旋转切割材料，切割边缘无挂丝无毛刺可以装配圆形刀片，特别适合切割各类编织材料。
The servo motor drives the blade to rotate at high speed to cut the material, and the cutting edge is free of burrs. It can be equipped with a circular blade, which is especially suitable for cutting all kinds of woven materials.

适合行业：沙发、皮毛、多层皮革、地毯等行业
Application: sofa, fur, multi-layer leather, carpet and other industries.



拖刀 DRAG KNIFE

不震动切割，可以完美切割厚度5mm的材料，可以允许最快的加工速度对材料进行切割加工，对比其他切割工具拥有最佳的使用性价比和最低的维护成本。
No vibration cutting, it can perfectly cut the material with thickness of 5mm, which can allow the fastest processing speed to cut the material. Compared with other cutting tools, it has the best cost performance and lowest maintenance cost.

适合行业：软玻璃、PP纸、手机膜、车贴等行业
Application: Soft pvc, PP Synthetic Paper, mobile film, car sticker etc industries.



半切 KISS CUT

不震动切割，主要用于不干胶、车贴、双层带背胶的材料切割。通过调节刀尖位置可以对材料进行精准的深度定位加工。
Non-vibration cutting, mainly used for cutting of adhesive sticker, car stickers, double-layer adhesive tape. By adjusting the position of the knife tip, the material can be precisely positioned and processed in depth.

适合行业：不干胶、车贴、手机膜、魔术贴等行业
Application: Adhesive sticker, car sticker, mobile phone film, Velcro and other industries



相机提边切割 CAMERA EXTRACT THE CONTOUR

通过工业相机拍照软件，智能提取被切割图形轮廓，实现巡边切割。
Through the industrial camera software, intelligently extract the contour of the cut graphic, to realize the cutting along edge.

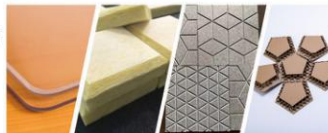
适合行业：地毯、广告、气模、服装等行业
Application: Carpet, advertising, Inflatables, garment and other industries.



斜切 V-CUT

针对复合瓦楞行业V槽加工、软玻璃、各种复合材料的斜面切割倒角，可以改变刀具的角度0、15度、22.5度、30度、45度从而得到不同的效果。
For V groove processing of composite corrugated industry, soft glass, a variety of composite material's bevel to cut chamfering, can change the angle of the tool 0, 15 degrees, 22.5 degrees, 30 degrees, 45 degrees so as to get different results.

适合行业：吸音板、软玻璃、蜂窝纸箱、保温板等行业
Application: Acoustical board, soft pvc, honeycomb/corrugated carton, insulation board and other industries.



冲刀 PUNCHING TOOL

通过更换刀具型号，可以在皮革、布料上加工0.8mm、1mm、2mm、3mm、4mm、5mm、6mm小孔、一字、V形切口
By changing the tool type, it can cut diameter of 0.8mm, 1mm, 2mm, 3mm, 4mm, 5mm, 6mm small hole, horizontal line, v-shaped hole on leather and cloth.

适合行业：皮革和真皮面料，服装和鞋业。
Application: leather and fabric, garment and shoes industries.



铣刀 MILLING CUTTER

通过高速旋转刀具进行铣削加工，使材料切割边缘更加光滑，除了针对硬质材料加工还可对泡沫材料进行加工
Milling with high-speed rotary tool, makes the cutting edges of material be smoother, in addition to processing for hard materials, can also process for foam material.

适合行业：亚克力+木板+发泡板+雪弗板等行业
Application: Acrylic, wood, PVC foam sheet, PVC expansion sheet and other industries.



记号笔 MARKING PEN

通过电磁阀控制气缸上下来控制划线笔划线功能。适合皮革、布料等材料记录，批示，点数，打样用。
The cylinder is controlled by the solenoid valve to realize the function of marking. Suitable for leather, fabric and other materials to record, order, count, proofing.

适合行业：服装、制鞋、沙发、汽车内饰等行业
Application: garment, footwear, sofa, automotive interiors and other industries.



CCD定位切割 CCD POSITIONING CUTTING

通过识别MARK点识别图案轮廓，实现巡边定位切割

Identify the pattern contour through identifying the mark points, finally realize the position cutting along edge.

适合行业：印花服装，pvc电梯垫，kt板，工艺礼品
Application: printing clothing, pvc elevator mat, KT board/foam board, poster board, craft gift box etc.



压轮 CREASING WHEEL

对瓦楞纸盒或者卡纸等中密度材料进行压痕的工具，可以通过更换不同压轮的边缘宽度得到不同材料的压痕。

The tool is used for indenting of medium-density materials, such as corrugated boxes or cardboards, can be indented on different materials by changing the edge&width of different creasing wheel.

适合行业：纸箱、硬卡纸、纸盒、瓦楞纸等行业
Application: carton, cardboard, paper box, corrugated board and other industries.



气动刀 PNEUMATIC KNIFE

通过气压控制刀片上下高频振动切断材料，适合多层裁剪、海绵、eva、橡塑制品等材料切割。
The air pressure controls the upper and lower high-frequency vibration blade to cut off the material, which is suitable for cutting of multi layers, sponge, eva and rubber & plastics products.

适合行业：多层布料、海绵、EVA、垫片等行业
Application: multi-layer fabric, sponge, EVA, gasket and other industries.

