

UL-VD DSLR智能视觉识别激光裁切系统

DSL R CAMERA VISION LASER CUTTING SYSTEM



UL-VD系列DSL R高精度智能视觉识别激光裁切系统是针对数码印花印刷行业各种柔性材料的精准高速切割系统。该系统采用DSL R单反摄像系统及先进的轮廓识别处理软件，自动寻找各种印花图形边缘轮廓线，全程快速连续切割，无需任何人工干预。

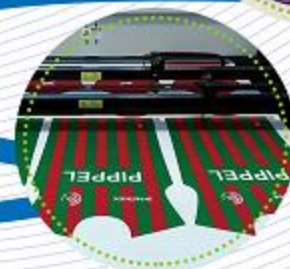
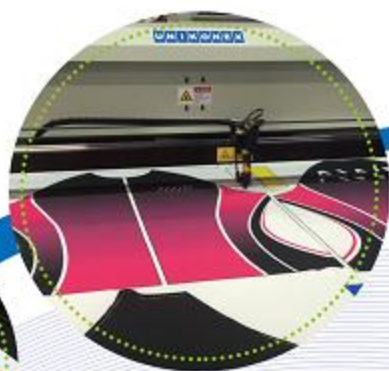
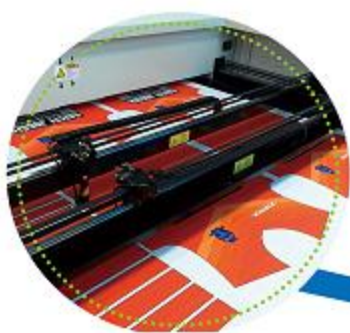
适用于数码印花服装（包括各类足球服、泳衣、骑行服、团队服及流行服饰等），数码印花旗帜、数码印花家纺产品及鞋面等材料的精准定位裁切，是数码印花，个性标识定位加工的最佳自动化解决方案。

UL-VD series is a high-precision laser cutting system which equipped with DSL R camera system, plus software function could real-time capture the whole working pieces image on cutting area via DSL R camera at a time and automatically analyze to recognize the contour, then accurately position for cutting without additional hand-works.

Suitable for all kinds of digital printed fabrics, including football jersey, swimming suit, cycling clothing, teamwear, fashion apparel, printed vamp, flag & banner, and home-textile products.

APPLICATION

应用



数码印花裁切自动化解决方案



Football Jersey



Cycling Jersey



Running Suits



Swimwear



Yoga Clothes



Printed Flag

Technical Specification

技术参数

产品型号 Product Model	UL-VD-E	视觉识别方案 Vision Solution	DSL R视觉识别系统 DSL R Camera Recognition System
切割区域(WxL) Cutting Area	1800x1400mm	配置 Configurations	1 X-axis+1 laser head 2 X-axis+2 laser heads 单轴单头 双轴异步双头
激光类型 Laser-Type	CO ₂ 激光, 安全四级 CO ₂ Laser, Safety Class 4	供电要求 Power Requirement	AC 110/220V±5%, 50/60Hz
激光功率 Laser Power	130W	整机功率 Total Power	≤2000W
冷却方式 Cooling Mode	制冷机水冷循环 Water-cooling	软件 Software	Unikonex控制和切割系统 Unikonex Control and Cutting System
切割速度 Cutting Speed	0-500mm/s	吹排风系统 Exhaust Requirement	需要抽排风系统, 具体可咨询厂家配套 External Exhaust or Air Purification Required
定位精度 Positioning Accuracy	±0.1mm	机械设计 Mechanical Design	激光安全4级, 满足CE标准 Laser Safety Class 4, CE Compliant
文件格式 Data or File Format	AI/BMP/PLT/DXF/DST	选项 Option	自动送料装置 Automatic Feed Conveyor

Contact