

小幅面摄像定位激光雕刻 切割机

Small-format Camera Positioning Laser Engraver Cutting Machine



机器特点

- 配备130万像素千兆网络工业相机。
- 支持AI、DXF、PLT和DST等图形数据导入。
- 支持阵列识别加工，可选择先整版识别后切割或者边识别边切割。
- 具有多个模板混合切割功能，可一次性完成不同的图案识别定位切割。
- 支持特征点定位切割，多Mark点定位切割和特征轮廓提取切割三种工作方式。
- 支持图形拉伸补偿。
- 具有大幅面轮廓拼接功能，图案超出相机视野也可以完成定位加工。

适用范围

绣花、织唛商标LOGO，印染图案等摄像定位切割。

Features

- Equipped with a 1.3-megapixel with Gigabit Ethernet industrial camera.
- Supports the import of graphic data formats such as AI, DXF, PLT, and DST.
- Supports array recognition processing, with options for full-sheet recognition followed by cutting or simultaneous recognition and cutting.
- Features multi-template mixed cutting, allowing the recognition and positioning of different patterns to be completed in a single operation.
- Supports three working modes: feature point positioning cutting, multi-Mark point positioning cutting, and feature contour extraction cutting.
- Supports graphic stretch compensation.
- Includes large-format contour merging functionality, enabling positioning and processing of patterns that exceed the camera's field of view.

Application

Camera positioning cutting for embroidery, woven label logos, and printed patterns.

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机器参数 Parameters

推荐型号 Model	工作面积 Working Area	机器尺寸 (长×宽×高) Machine Size (L×W×H)
GOA,LC-NM-N-1-900×600-C-SL-CGC80-ALI-1P220	900mm×600mm	1650mm×1300mm×1200mm
GOA,LC-NM-N-1-1200×600-C-SL-CGC80-ALI-1P220	1200mm×600mm	1950mm×1300mm×1200mm
GOA,LC-NM-N-1-1300×900-C-SL-CGC80-ALI-1P220	1300mm×900mm	2050mm×1600mm×1200mm

机器参数 Parameters

相机识别范围 Camera Recognition Range	150mm×120mm
最大工作速度 Max. Working Speed	1000mm/s
冷却方式 Cooling Method	水冷却 Water cooling
激光类型 Laser Type	国产封离式CO2玻璃激光管 China Made sealed CO2 glass laser tube
激光功率 Laser Power	60W/80W/100W/130W/150W
供电电源 Power Supply	AC220V/110V±10%, 50Hz
标配 Standard Configuration	激光专用冷水机, 550W排烟机, 微型空气压缩机 Laser-specific chiller, 550W exhaust fan, and Mini air compressor.
工作环境 Operating Environment	温度: 5~40℃ 湿度: 5~80% 无凝水, 无灰尘 或灰尘较少 Temperature: 5~40℃, Humidity: 5~80% (Non-condensing), Dust-free or low-dust conditions

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