

金运CAD视觉扫描系统

GOLDEN CAD VISION SCANNING SYSTEM

金运CAD视觉扫描系统在于实现数码印刷工艺流程的无缝对接和高度自动化，将设计、放码、排版等工艺以最省成本的方式集成到一个系统中处理，并直接输出EPS、PDF文件格式给打印机，最终通过高效率的自动化视觉扫描系统完成印刷材料的精确裁切。

This technology aims to the highly automatically process, seamless in-line integration for the whole process; This Digital Printing solution is based on a proprietary technology capable to import, scale, imposition and print high-quality printable files such as EPS or PDF, this will be a breakthrough to simplify the whole process for digital printing! We are not only providing the cutting system, but also providing the whole process including Software Package Golden Pattern Designer, Golden CAD Nesting, Golden Laser CAD Scanning VisionCut.



① 设计 Design

设计师可以在金运CAD制图设计软件中对设计图形进行放码，修改。

With the golden CAD pattern designer software, the designer can merge the Graphical content with the shapes designed and graded in the CAD application.



③ 打印 Printing

将排版好生成的PDF文件传送到打印机进行打印并进行热转印。

Nesting direct to printing, and then dye sublimation to textile



② 加工前准备 Pre-Production

将设计好的图形在AUTO MARKER排版软件里面排版，生成PDF格式用于打印。

Auto marker nesting, PDF to NEST, nests the designed shapes and sends the result directly to a wide format printer.



④ 切割 Cutting

激光视觉切割系统对成卷热转印布料进行扫描，相机提出印刷轮廓并将信息传到电脑和切割机，激光切割机自动连续切割。

Vision laser machine scans the sublimation printed rolls fabric, detect the contour and information has been sent to the pc and laser cutter, and the laser will cut automatically

代表型运用行业：运动服 / 广告旗帜 / 不干胶 / 家纺

TYPICAL APPLICATION: Sportswear / Banners / Adhesive Labels / Home Textile

运动服制作传统流程

TRADITIONAL WORKING FLOW FOR SPORTSWEAR



金运CAD扫描系统如何简化整个流程？

HOW DOES GOLDEN CAD SCANNING VISION SYSTEM SIMPLIFY THE WHOLE WORKFLOW?



金运CAD 扫描视觉系统流程优势

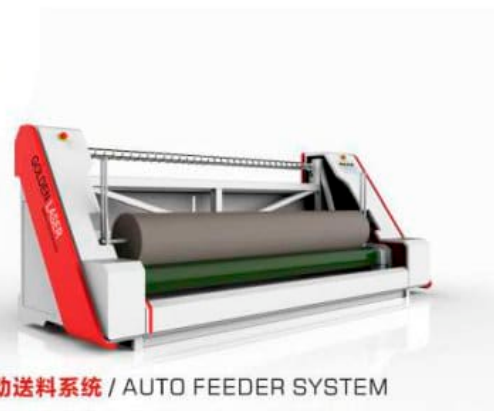
WHAT ARE THE BENEFITS OF GOLDEN CAD VISION SCANNING SYSTEM?

- 简化流程 / Simplify the process
- 节省60%人工 / Save 60% labor cost
- 节省35%损耗-转印纸/打印时间/布料 / Save consumables up to 35%- transfer paper/print time/materials
- 节省10%油墨 / Save ink consumption up to 10%
- 节省空间, 节省库存损耗 / Save space, save storage cost
- 减少废品率保证产品质量 / Decrease defect products and ensure high quality

CJGV-160130LD

金运视觉扫描激光切割系统

Golden Cad Vision Scanning Laser System



自动送料系统 / AUTO FEEDER SYSTEM

*因设备升级，外观与尺寸可能发生变化
Appearance and dimension may change due to upgrading

应用

APPLICATION

球衣(篮球服, 足球服, 棒球服, 冰球服)

Jersey (Basketball Jersey, Football Jersey, Baseball Jersey, Hockey)



骑行服 Cycling wear



健身服 / 紧身裤 / 瑜伽服 / 舞蹈服

Active Wear / Legging / Yoga Wear / Dance Wear



泳衣 / 比基尼

Swim wear / Bikini



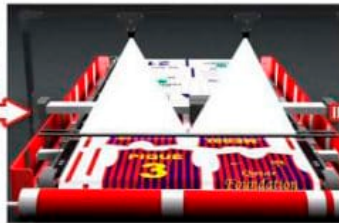
视觉扫描激光全自动加工流程

VISION LASER FULL AUTOMATICAL WORK FLOW

工作模式1 / WORK MODEL 1 ➡ 飞行扫描 / SCAN ON THE FLY



将成卷布料放在送料机和机器上
Put roll fabrics on the feeder and the machine



相机扫描轮廓并且传到电脑
Cameras scan the images and send to the cutter



激光切割并重复整个流程
Laser cutting and repeat the whole process

优势 / Advantages:

- 简化整个流程，成卷布料切割 / Simplify your production, automatic cutting for roll fabrics
- 节省人工 / Save your tool cost and labor cost
- 高产出 / High output (500 sets of jersey per day per shift-only for reference)
- 无需印刷图形 / Live cutting without files
- 高精度 / High precision

印刷要求 / Print Requirement

印刷轮廓和背景颜色色差较大，图形间距大于5MM，只能切割外轮廓，不能切割嵌套图形。

Printing outline and materials background have big color difference, and only need to cut the contour, cannot cut nesting pattern inside; Distance not less than 5mm between the contours

工作模式2 / Work Model 2 ➡ 扫描马克点 / Scan The Print Marks

应用 / Application

- 针对容易变形的材料 / Soft materials easy to distort, curl, extend
- 复杂图形，嵌套图形，高精度切割要求 / Complicated pattern, nesting pattern inside the outline, and high precision cutting requirement
- 需要1:1的印刷图形，图形格式: *.jpg, *.bmp Or *.png / Requirement: need original printing file(1:1) original format: *.jpg, *.bmp Or *.png

CJGV-160130LD

加工幅面 Working Area	1600MM * 1300MM / 62.9 " * 51"
相机扫描幅面 Camera Scanning Area	1600MM * 800MM / 62.9 " * 31.4"
工作平台 Working Table	履带工作平台 / Conveyor working table
功率 Laser Power	70W/100W /150W
激光器 Laser Tube	玻璃激光管 / CO2 Glass laser tube 金属射频激光管 / CO2 RF Metal laser tube
控制系统 Moving System	伺服控制系统 / Servo motor control
冷却系统 Cooling System	恒温冷水机 / Constant temperature water chiller
抽烟系统 Exhaust System	1.1KW风机2台; 550W风机1台 1.1KW Exhaust fan * 2 /550W exhaust fan *1
电源 Power Supply	220V/ 50HZ OR 60HZ / Single phase
电路标准 Electrical Standard	CE / FDA / CSA
耗电 Power Consumption	9KW
软件 Software	金运视觉扫描软件 Golden CAD Scanning software package
占地 Space Occupation	4316MM (L) * 3239MM (W) * 2046MM (H)
其他选配 Other Option	送料机, 红光 / Auto feeder, red dot

★ 占地图/含送料机/单位: 毫米 (仅供参考) Layout for CJGV-160130LD with auto feeder/ unit: MM (Reference Only)