TEMPLATE DESIGN STUDIO

模板工作室

独创型模版工作室，为客户提供全套解决方案。上工模板机适用于羽绒、西装、衬衫、夹克、裤装、工装、针织、时装、家居、皮革等复杂工艺。

Innovative template design studio, give end-to-end solutionfor garment productions.ShangGong template machine is available for sewing in down jackets, suits, shirts, jackets,trousers, workwear, knit wear, fashion, furniture, leatherproduction etc.

ABOUT SHANGGONG

上工简介

上工缝制机械（浙江）有限公司坐落于长三角地区智能制造基地、中国缝纫机制造之都 —— 台州市黄岩区，占地87亩，建筑面积60000平方米，总产能40万台高端缝纫机，拥有机壳自动加工，自动喷漆等自动化流水线，拥有标准化模板机装配生产线，拥有全套的德国质量控制体系。作为中国缝制机械行业第一家上市公司，公司拥有国资和上市背景的双重身份，为企业市场拓展和新品研发提供充足的资金保障。公司成立独立子公司--上工智联（台州）技术有限公司，专项研发生产模板机，目标是把模板机做精做强，公司已拥有模板机相关独立创新的发明和适用新型专利10多项，上工模板机的宗旨：创新，高配，却不贵。

Shang Gong Sewing Machinery (Zhejiang) Co., Ltd.is located in Taizhou, theintelligent manufacturing base in the Yangtze River Delta region and the capitalof China's sewing machine manufacturing. It covers an area of 87 acres, andhas a construction area of 60,000m. The whole output capacity reach400,000 sets high-tech industrial sewing machines. The company equipped withautomated production lines for casing processing and painting, standardizedtemplate machine assembly lines, and a comprehensive German quality controlsystem.

To be the first publicly listed company in China's sewing machinery industry.Shang Gong has the background of both state-owned capital and a publiclisting company, providing ample funding for market expansion and new productdevelopment. The company has established an independent subsidiaryShanggong Zhilian (Taizhou) Technology Co., Ltd., which is specialized in theresearch, development and production of template machines. The goal is tomake template machines more accuracy and powerful. The company alreadyhas more than 10 independent innovative and utility model patents related totemplate machines. The purpose of Shanggong template machines is: innovation,high configuration, surprisingly affordable.

APS	WMS	WCS
高级计划和排程系统	智能仓储管理系统	智能仓储控制系统

MES	EPR
霍尼韦尔生产制造系统	金蝶云数据管理系统

公司引进集团战略合作伙伴霍尼韦尔开发的MES生产制造执行系统，WMS智能仓储管理系统、WCS仓储控制系统。通过柔性生产管理平台，由AGV自动化转运小车实现对生产资源的合理配送。这通过让WMS与RP、MES等系统的数据贯通，实现对原材料、半成品、成品的智能化管理，打通作业指令传递的通道。在此基础上，通过让打磨机器人、喷涂机器人、自动机壳分拣输送线和自动打包流水线等默契配合，实现全自动数字化管理，全流程可追溯，不断提升生产效率。

The company has introduced the MES (Manufacturing Execution System), WMS (Intelligent Warehouse Management System), and WCS (Warehouse Control System) developed by Honeywell, a strategic partner of the group. Through a flexible production management platform, AGV (Automated Guided Vehicle) systems are utilized to achieve rational distribution of production resources. By enabling seamless data integration between the WMS and systems such as ERP and MES, intelligent management of raw materials, semi-finished products, and finished goods is realized, facilitating the smooth transmission of operational instructions. Building on this foundation, the collaborative operation of polishing robots, spraying robots, automated casing sorting conveyor lines, and automated packaging assembly lines enables fully automated digital management with full-process traceability, continuously enhancing production efficiency.

MAZAK FMS柔性制造系统　标准化模板机流水线　喷涂机器人

自动打包输送线　AGV智能运输系统　智能立体仓库

智能化时代，人们的个生化需求不断增多，上工申贝正在数字化的道路上，加速前行，全面拥抱市场变化，提供聚焦行业的自动化和智能化工厂解决方案，为客户提供更优质的产品和全方位的服务，我们与您共享智能时代！

In the era of intelligenc, people's personalized needs are constantly increasing. Shanggong Groupis on the road of digitization, accelerating its progress, fllly embracing market changes, providingn and intelligent factory solutindustry-focused automationns, and providing customers with betterquality products and a full rage of services. We share the intelligent era with you!

ShangGong 上工模板机

M60-T8050

小模板机带激光带吸风
Small template machine with laser and suction fan

模板大师
专为工艺而生！
The master of template,
Born for Precision Crafts

M60-T8050-LK2-HF

小模板机带激光带吸风
Small template machine with laser and suction fan

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较大缝纫范围800*500mm
Template sewing area: 800*500mm

电机剪线：力度大，轻松控制线头长短。
Motor control thread trimmer: strong force, easy to control the length of thread ends.

电机压脚：随时应对不同厚度的面料；
Motor control presser foot: Adapt to various kinds of fabric thicknesses.

干式机头：采用镀金刚石针杆，防止缝
Oil free needle bar: With diamond

- 缝纫范围大，左右800mm，前后500mm；吸风面积大，500*350mm，激光功率大：110W。
  Big sewing range: 800*500mm; Big suction range: 500*350mm; Big laser power: 110W.

- 占地面积小，含ső光，含吸风配置多，展开尺寸左右1200mm，前后1300mm;节省工厂空间；
  Small footprint, including the laser device, the unfolded table length is only 1200mm, width 1300mm; save space in production line;

- 工艺应用方面，西装、衬衫、夹克、裤装、针织、工装等服装8大类，95%能应用在该机型上。
  8 major categories of clothing, such as suits, shirts, jackets, trousers, knitwear, workwear, etc., 95% can be applied to this model.

- 采用三折冷凝激光（专利结构），切白色面料，不发黄、无焦。
  Utilizing tri-fold condensing laser technology (patented structure), cuts white fabrics without yellowing or charring.

M50-S13090-LK-HF

双丝杆带激光带吸风
2 screw drive, with laser and suction

完美线迹
PERFECT STITCH

双丝杆结构
Dual screws

Y向900mm，X向1300mm
Y stroke 900mm,Y stroke 1300mm

WIFI传花样
WIFI pattern delivery

130W激光切割
Laser cutting 130W

- 双丝杠送料：刚性强，送料平稳，大模板更优；传动精度高，线迹精美，防漏缝效果明显
  Dual-Lead-Screw Feeding System: High rigidity, for stable material feeding, better in large template; exquisite transmission ensures exquisite stitch, remarkable down-proof effect.

- 大底座:震动噪音低；
  Large bed plate, lower vibration and noise;

- 超大缝制空间：左右1300mm(支持订制2000mm)，前后900mm；定制超大缝制范围：X*Y = 1500*900mm (X size customization to 2000mm available);
  Super-sized sewing range: X*Y = 1500*900mm (X size customization to 2000mm available);

- 双伺服系统：伺服电机有编码器反馈，实时调整位置和速度，精度更高，防模板图位；
  Dual-servo drive system: Servo motor with encoder enable closed-loop feedback control, Real-time dynamic adjustment of position and speed, Micro-precision movement for flawless results.

- 激光切割：选配130W激光配置，能够快速切割8层牛仔布
  Laser cutting: with 130W laser configuration, it can quickly cut 8 layers of denim

- WIFI传花样：省去人工拷贝花样；免对基准：模板放入即可缝纫；轻松实现1人遥控100台模板机。
  WIFI pattern delivery: save manual work to copy the patterns; benchmark check-free: the machine can sew once you put the template in; easily allow one person to control 100 machines

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M70-S13095-360°-LK

旋转机头带激光
Rotating head with laser

完美线迹
PERFECT STITCH

双丝杆结构
Dual screws

Y向950mm，X向1300mm
Y stroke 950mm,Y stroke 1300mm

WIFI传花样
WIFI pattern delivery

130W激光切割
Laser cutting 130W

- 360°上下独立无限旋转，有效解决逆向线迹问题
  360° independent upper and lower rotary mechanism, perfectly solve reverse stitching defects.

- 旋转机头机压脚和机械压脚互换结构，轻松解决羽绒钻绒问题
  rotating head with motorized presser foot and mechanical foot exchangeable structure, effectively prevents down leakage in down apparels.

- 双丝杠送料：刚性强，送料平稳，大模板更优；传动精度高，线迹精美，防漏绒效果显著
  Dual-Lead-Screw Feeding System: High rigidity, for stable material feeding, better in large template; exquisite transmission ensures exquisite stitch, remarkable down-proof effect.

- 超大缝制空间：左右1300mm(支持订制2000mm)，前后950mm（实际范围）；定制超大缝制范围：X*Y = 1500*950mm (X size customization to 2000mm available)
  Super-sized sewing range: X*Y = 1500*950mm (X size customization to 2000mm available)

- 激光切割：选配130W激光配置，能够快速切割8层牛仔布
  Laser cutting: with 130W laser configuration, it can quickly cut 8 layers of denim

- 整机配置：实心底板、进口丝杆、进口导轨、进口轴承、进口旋梭、全伺服电机，高速更稳，寿命更长
  Machine configuration: solid baseboard, import lead screw, import guide rail, import bearing, import rotating shuttle and full servo motor, which is high speed, more steady and long service life

- WIFI传花样：省去人工拷贝花样；免对基准：模板放入即可缝纫；轻松实现1人遥控100台模板机。
  WIFI pattern delivery: save manual work to copy the patterns; benchmark check-free: the machine can sew once you put the template in; easily allow one person to control 100 machines

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工艺应用方面，西装、衬衫、夹克、裤装、时装、针织、工装、羽绒等服装8大类，95%能应用在该机型上。
In terms of process applications, 95% of the eight major categories of clothing—including suits, shirts, jackets, pants, fashion wear, knitwear, workwear, and down garments—can be produced using this model.

衬衫工艺分解图
Shirt process breakdown diagram

衬衫后背单�打 single rod on the back of the shirt
衬衫贴子和领座 shirt collar and collar seat
衬衫贴口袋 shirt patch pocket
衬衫上袖子 sleeves on the shirt
衬衫收省 shirt waist saving
衬衫袖克屋 shirt sleeve cuff
衬衫门襟 shirt placket

夹克工艺分解图
Jacket process breakdown diagram

夹克贴领子 jacket collar
夹克肩袢 jacket shoulder strap
夹克袋盖 jacket bag cover
夹克贴标 jacket labeling
夹克贴袋钻带 jacket patch pocket with pocket cover
夹克开袋折加上拉链 open the jacket pocket and add a zipper
夹克袖克屋 jacket cuffs

西装工艺分解图
Suit Construction Diagram

贴领座子 Suit collar
背领刀眼 Back collar clicker
门襟里手小袋缝纫 Placket and hand pocket sewing
开口拼接缝纫 Splicing side sewing
后身拼合 Splicing back seams
收省、开袋 Bag cover
上领子 Suit side splicing sewing

羽绒服工艺分解图
Down Jacket Process Breakdown Diagram

羽绒服前片绗缝 Down jacket front panel stitching
羽绒服商标 Down jacket trademark
羽绒服绗袖子 Down jacket sleeves
羽绒服开袋 Down jacket pocket
羽绒服上拉链 Down jacket zipper
羽绒服后片绗缝 Down jacket back panel