



**Richpeace**<sup>®</sup>

2023

**上工富怡智能制造（天津）有限公司**

**TIANJIN RICHPEACE AI CO., LIMITED**



Tim zhang

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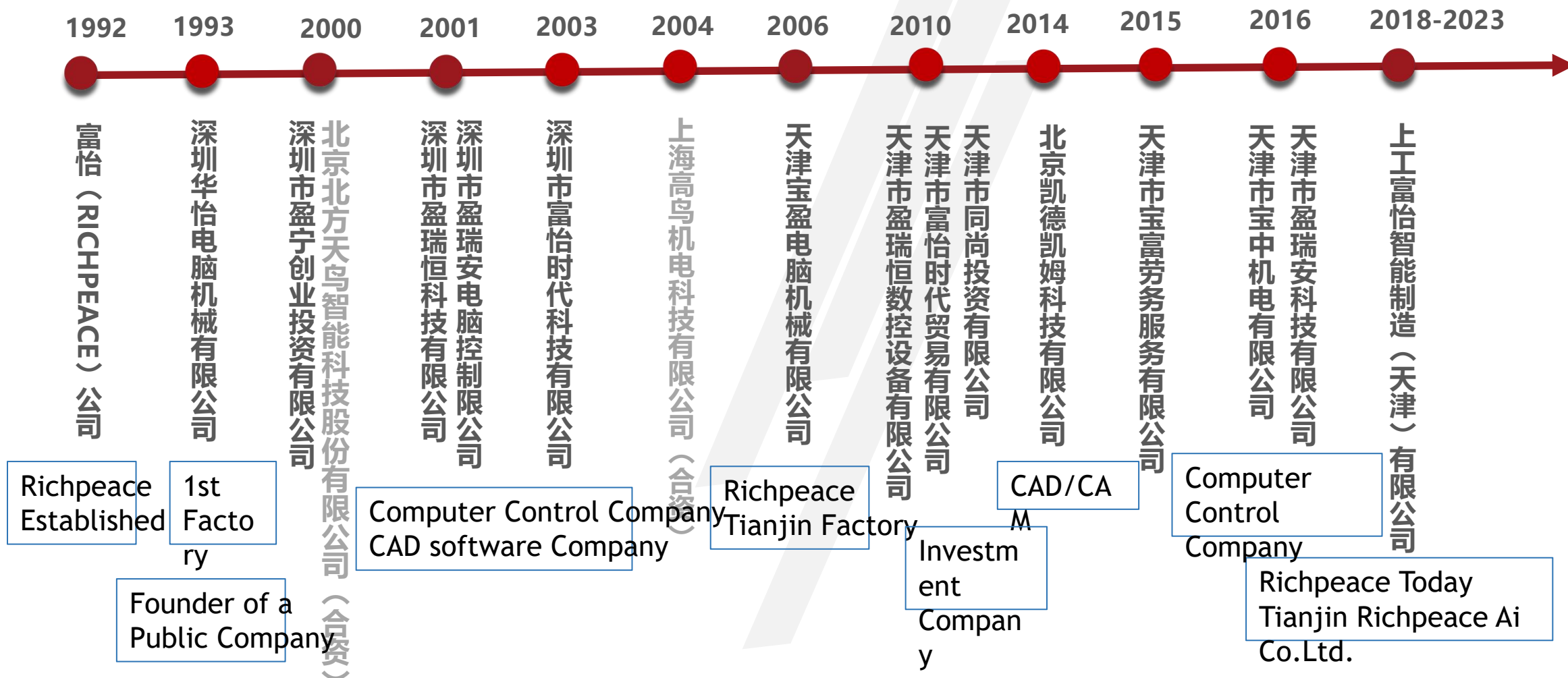
Timrichpeace@richpeace.com



Richpeace®

# 发展历程

## COMPANY HISTORY





**Richpeace**

# 公司介绍

## COMPANY PROFILE

- 2006年成立，坐落于天津宝坻经济开发区。
- 国家高新技术企业，国家知识产权优势企业，中国轻工百强企业。
- 500多项专利，50多个软件著作权。
- 企业连续通过ISO9001质量管理体系、ISO14001环境保护体系、ISO45001职业健康安全体系三大认证。
- 拥有世界知名品牌“富怡(Richpeace)”，在全球60多个国家申请注册，在中国全类注册
- Established in 2006, located in Tianjin.
- National high-tech enterprise, national intellectual property advantage enterprise, China's top 100 light industry enterprises.
- More than 500 patents, more than 50 software copyrights.
- Certificated with ISO9001 quality management system, ISO14001 environmental protection system, and ISO45001 occupational health and safety system.
- World-renowned brand "Richpeace", registered in more than 60 countries





Richpeace®

# 核心竞争力

CORE COMPETENCE

拥有软件、电脑、电控、机械、激光、超声波六大核心技术。集研发、生产、销售为一体。

Richpeace owns software, computer, electric control, mechanical, laser, ultrasonic the six core technology and integrates R & D, production and sales.



软件  
CAD Software

电控  
Computer Control

机械  
Machinery

# 设备产品系列

PRODUCTS SERIES

七大产品系列  
7 Product  
Series

缝纫设备  
Sewing Machine

绗缝设备  
Quilting Machine

刺绣设备  
Embroidery  
Machine

版房设备  
CAD Hardware

裁剪设备  
Cutting Machine

激光设备  
Laser Cutting

超声波设备  
Ultrasonic  
Machine



Richpeace®

- 所有产品都通过了CE安全认证。
- 用户遍布穿、住、行、医四大行业的100多个国家。
- All products have passed CE safety certification.
- Users are located in more than 100 countries in clothing, housing, transportation and medicine industries.



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# 面向行业-穿住行医

APPLICATION INDUSTRY



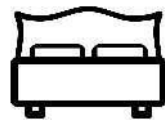
**服装 | 时尚**  
服装 | 箱包 | 鞋帽 | 户外  
**Apparel & Fashion**  
Clothing | Bags | Shoes | Cap | Outdoor



**汽车**  
加热 | 天窗 | 内饰 | 座椅  
**Automotive**  
Heating | Sunroof | Interior | Seat



**产业纺织**  
能源 | 过滤 | 安全 | 不织布  
**TechTextile**  
Energy | Filtration | Safety | Non-Woven



**家纺 | 家具**  
床上用品 | 装饰 | 皮革 | 沙发  
**Hometextile & Furniture**  
Bedding | Upholstery | Leather | Sofa



**航空航天**  
航空 | 卫星 | 航海 | 其他  
**Aerospace**  
Aviation | Satellite | Marine | Others



**医疗 | 健康**  
个人防护 | 口罩 | 呼吸器 | 防护服  
**Health Care**  
PPE | face mask | Respirator | Protective Cloth



Richpeace®

# CAD 软件系列

CAD SOFTWARE

## 操作软件

品牌化

精细化

信息化

产业化



模板CAD AutoSew CAD



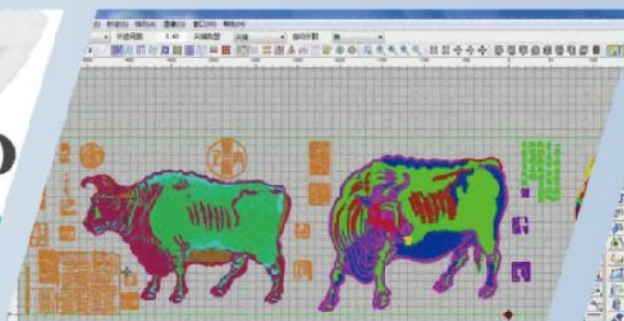
服装CAD Garment CAD



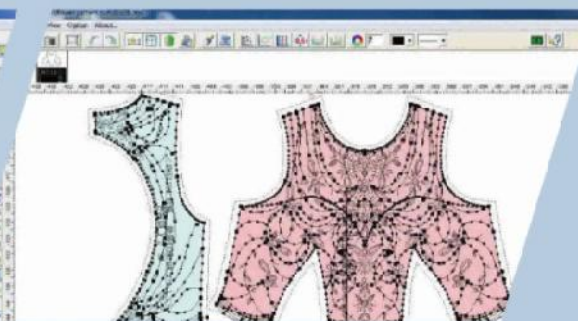
绗缝CAD Quilting CAD



制鞋CAD Shoes CAD



绣花CAD Embroidery CAD



花稿CAD Craft CAD



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# 电脑电控系列

COMPUTER CONTROL

## 电控系统

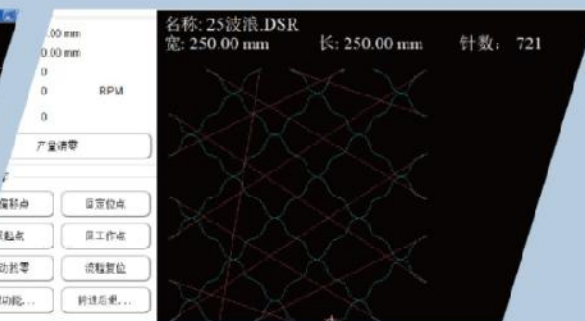
技术多元化  
产品系列化  
营销网络化  
市场国际化



版房设备互联软件 CAD Hardware



裁剪计划软件 Cutting Plan



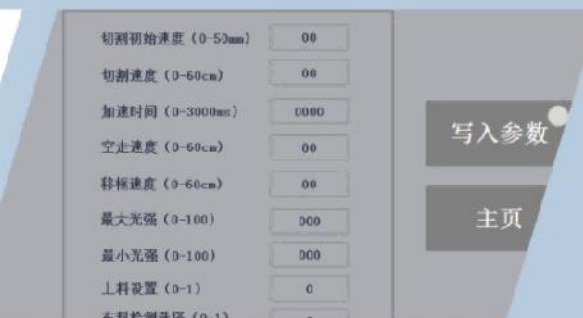
缝纫操作系统 Sewing Control



绣花操作系统 Embroidery Control



绗缝操作系统 Quilting Control



激光操作系统 Laser Control

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# 工厂车间

FACTORY WORKSHOP



Richpeace®

## 质量方针

制造世界先进产品  
提供客户满意服务  
持续改进管理体系  
不断提升产品质量



缝纫装配车间  
Sewing Assembly



绣花装配车间  
Embroidery Assembly



绗缝装配车间  
Quilting Machine Assembly



裁剪装配车间  
CAM Cutter Assembly



激光装配车间  
Laser Assembly



版房装配车间  
CAD Hardware Assembly



口罩装配车间  
Mask Line Assembly



# 解决方案--服装行业

SOLUTION FOR GARMENT INDUSTRY



Richpeace®

## 软件设计中心



3D设计



纺织服装图艺设计

## 版房中心



CAD软件: 开样、放码、排料(超排)、模板、缝制、裁剪



数字化仪



照相数字化仪



绘图仪



立式切割机



平板切割机

## 模板中心



模板专用激光切割机



双针两用全自动铺布机



全自动6/9公分电脑裁床



1公分多层电脑裁床

## 裁剪中心



激光裁床



三合一电脑裁床

## 缝纫中心



全自动缝切(激光)一体机



服装专用缝纫机



全自动360单针缝纫机

## 特殊工艺中心



服装专用布线机



单头绣成衣绣花机

- Design Center
- Pattern Room
- Template Room
- Cutting Room
- Sewing Section
- Special Craft
- Iron, Packing
- Shipment

## 缝前+缝中的全套设备

物流包装熨烫



五合一电脑绣花机



电脑精密绣花机

# 解决方案--家纺行业

## SOLUTION FOR HOMTEXTILE INDUSTRY



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高速缝纫机

锁四边机

包四边机

### 多针花型包边被

多针花型简约高效，  
包边结构，美观大方。  
夏被冬被均可。



拷四边机

高速缝纫机

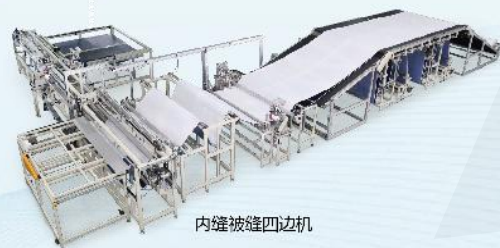
### 拷边被

多针花型简约高效，  
拷边结构，全自动完成。  
产效最高的被芯产品。



### 美式胖被

单针独立花型，  
包边结构，  
传统被芯产品。



内缝被缝四边机



羽绒被专用机

### 羽绒被

切穿衍缝结构，  
单针独立花型，  
9#机针防钻绒。



### 单针包边被

单针独立花型，  
包边结构，  
传统被芯产品。



单针缝边机

# 解决方案--家具行业

SOLUTION FOR FURNITURE INDUSTRY



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富怡全自动铺布机



富怡全自动电脑裁床



富怡三合一电脑裁床



富怡全自动零等待缝纫机



富怡全自动单头厚料360°缝纫机



富怡电脑布线机



富怡电脑单头绣花机

# 解决方案--医用行业

SOLUTION FOR MEDICAL INDUSTRY-- different kind mask machine



Richpeace®



全自动平面口罩生产线



全自动折叠型口罩生产线



全自动罩杯型口罩生产线



全自动柳叶型口罩生产线



# 解决方案--汽车行业

SOLUTION FOR AUTOMOTIVE INDUSTRY

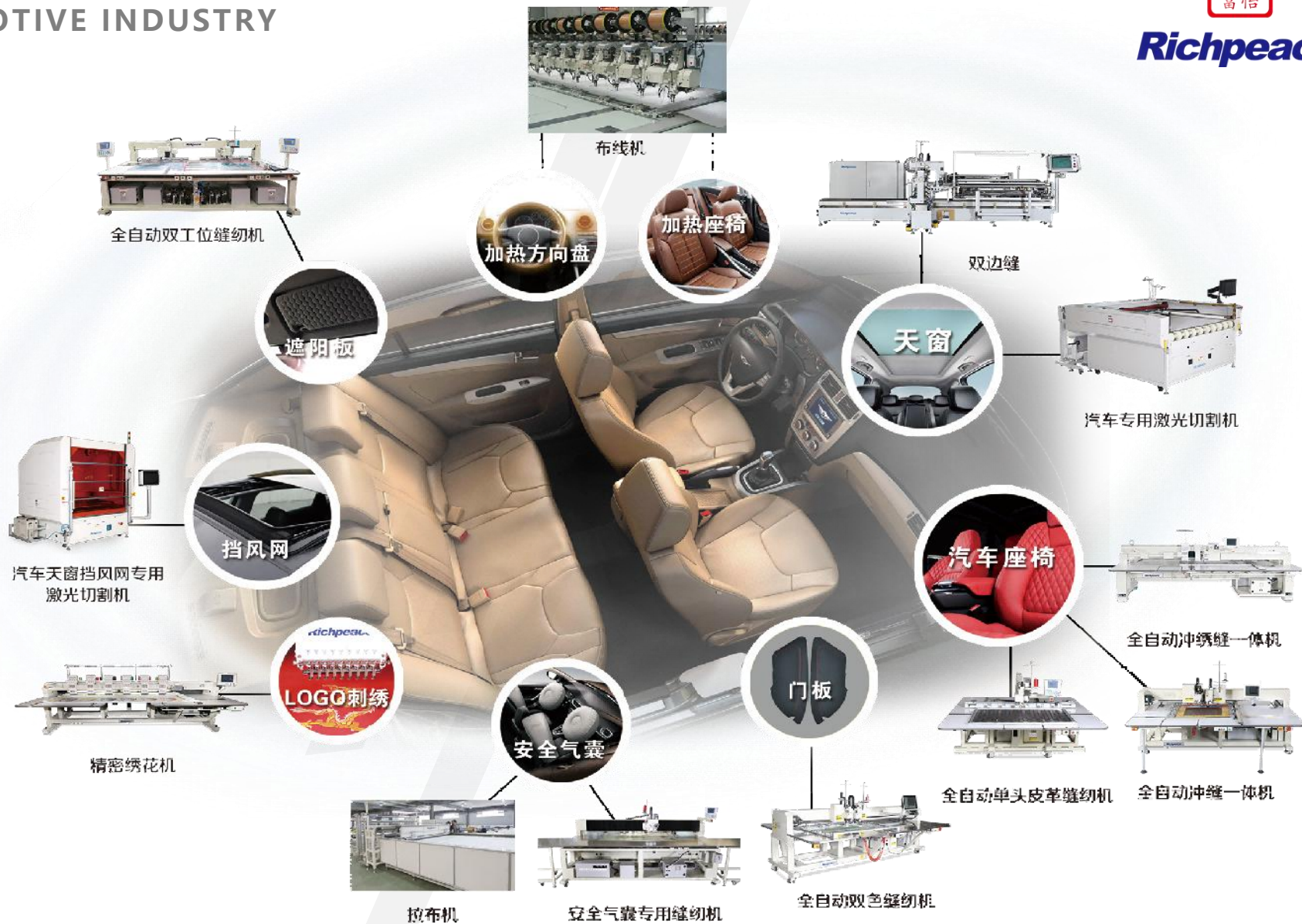


Richpeace®

致力于车用柔性材料制品的自动化加工技术开发-自动化裁剪与自动化缝制等。

涵盖座椅、门板、仪表盘等内饰，天窗卷阳帘，座椅、方向盘加热，安全气囊，碳纤维汽车轻量化等方面。

Automated cutting and sewing solutions in the automotive sector, including seats, door panels, dash board, sunroof, seat & steering wheel heating, airbags, carbon fiber for lightweight vehicles.



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**Richpeace**

# 富怡产品汽车领域应用

Richpeace Product & Solution for Automotive





## 汽车内饰-座椅, 门板, 车顶, 仪表盘等-自动化裁剪与缝制

**Interior-** seats, door panels, roofs, dashboards, etc. Automatic cutting and sewing

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# 内饰-自动化裁剪

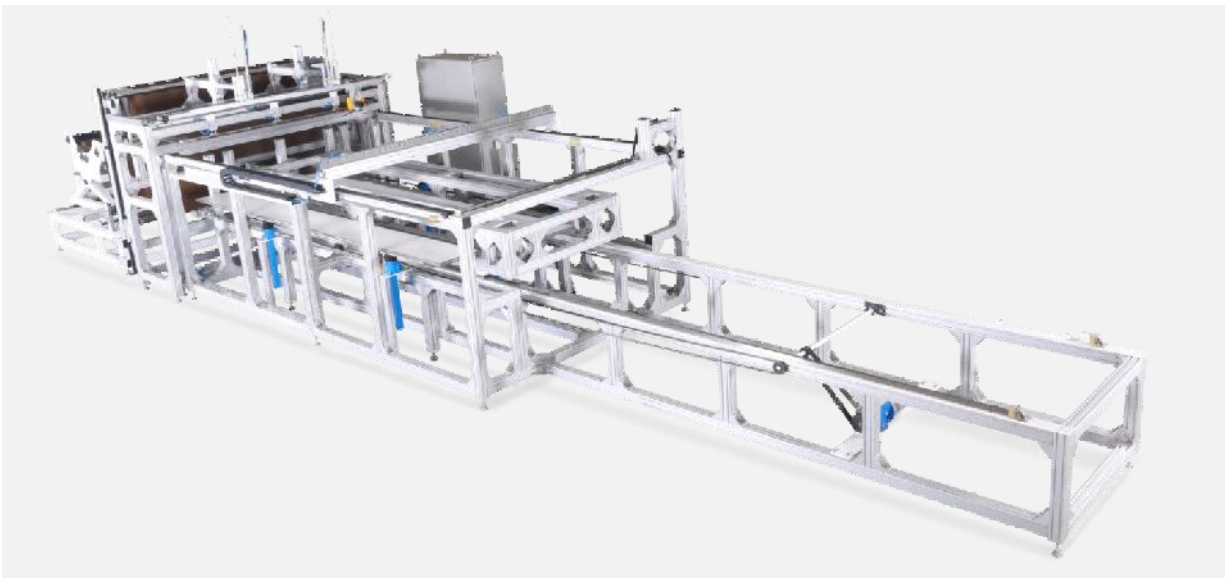
Interior- Automatic Cutting Solution



全自动铺布机  
Automatic Spreading machine



全自动电脑裁床  
Automatic cutting machine



厚料拉布机 Fabric layer cutter



**Richpeace**

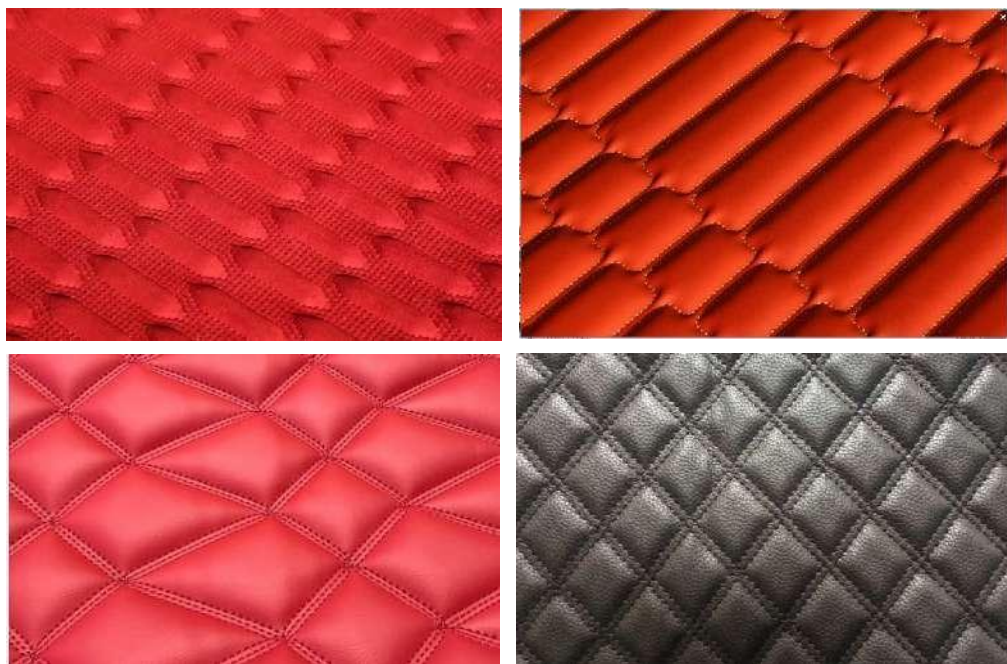
# 内饰-CNC缝纫工艺

Automotive Interior- CNC pattern sewing

富怡全自动任意转单针缝纫机

Richpeace rotate head automatic sewing machine

机头任意转，线迹更美观





**Richpeace**

# 内饰-刺绣工艺

Interior- Embroidery Craft

富怡电脑精密绣花机

Richpeace Precision Embroidery Machine



为汽车座椅、头枕、内饰、垫套、气囊等提供高精刺绣保障

High-precision embroidery machine for car seats, headrests, interiors, cushion covers, airbags, etc.



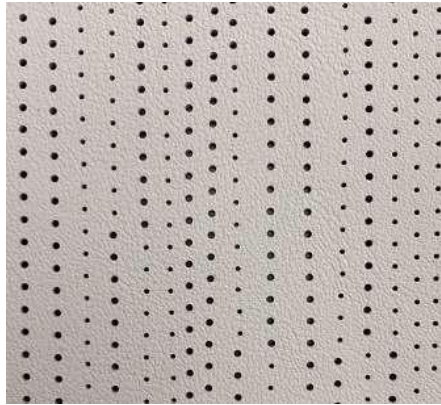
**Richpeace**

# 内饰-多头冲孔工艺

Interior- CNC leather punching

富怡多孔径冲孔机

Richpeace Multi-size Leather Perforation Machine



Model: RPCE-L-P-2-900×600-B-P6-0-NA-1P220



Model: RPCE-L-P-4-900×600-B-P6-0-NA-1P220

# Automatic Double-Head Plate Mount Perforation Machine (6-size Heavy Mechanism)



**Richpeace**



Fixed head heavy design with 6 sizes Perforating tool



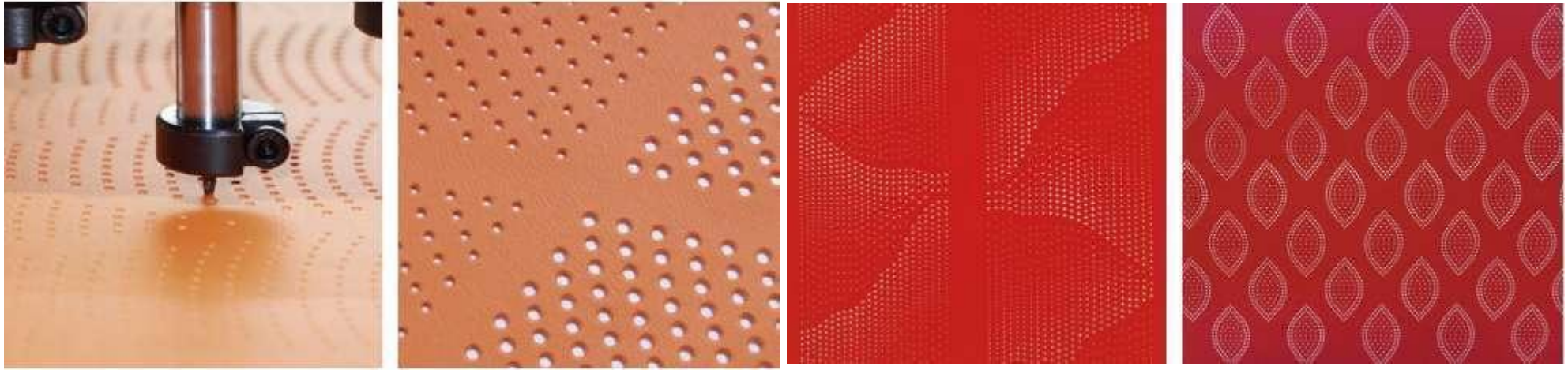
6 specs. of punchers equipped on each head, back-discharging, cost-effective, suit for mass production.  
Heavy Punching Mechanism, Powerful Strength.  
Scraps suctioned from HOLLOWED punching needle bar on each head, no scraps drop and clean work environment.

# Automatic Double-Head Plate Mount Perforation Machine (6-size Heavy Mechanism)

sample photo



**Richpeace**



machine parements

<b>Working speed</b>	≤1200 holes/minute	<b>Pattern reading</b>	USB
<b>Max. storage</b>	8G	<b>Control panel</b>	15-inch Industrial control panel
<b>Material fixing</b>	Plate Mount	<b>Power</b>	2-3kW
<b>Power supply</b>	AC220V	<b>Air pressure</b>	0.6Mpa
<b>Perforation Tools</b>	Standard round shape (0.8mm, 1.0mm, 1.2mm, 1.5mm, 2.0m, 2.5mm) other hole can be customerized		

## Machine advantage



**Richpeace**

速度speed	工作速度1300孔/分钟，极限工作转速1500孔/分钟， working speed 1300RPM/min , max speed can be 1500RPM
工作方式Way of working	垫板式 Plate Mount Perforation
运行方式 Operation mode	可以做XY轴高速交叉工作 Can Do XY axis high-speed cross work
路径优化path optimization	绝对路径优化 Absolute path optimization
垫纸选材Pad paper selection	牛卡纸或箱板纸等不限，且由于机器设计愿意对垫纸的克重和厚度要求较低100-200g之间Kraft paper or carton paper and so on unlimited, and because the machine design is willing to lay the weight and thickness of the paper requirements between 100 -200G
冲刀类型Punch type	Standard round shape (0.8mm, 1.0mm, 1.2mm, 1.5mm, 2.0m, 2.5mm) other hole size can be customerized
机器噪音machine noise	70分贝以下 less than 70bd

# Automatic four-Head Perforation Machine(6-size with shape hole)

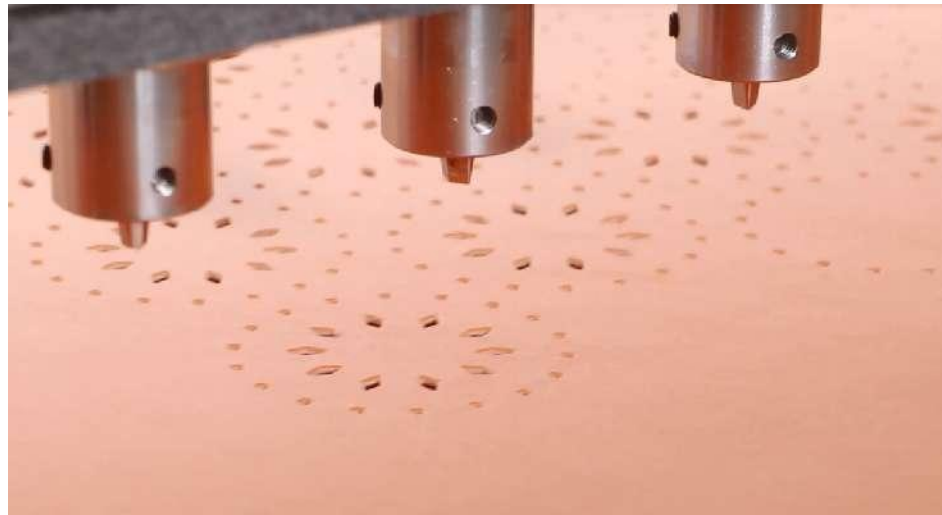


**Richpeace**



this machine max speed  
800rpm  
each needle can be  
roatry

any kind shape hope can  
be use





# Richpeace LH-1600mm leather punching machine



**Richpeace**



1. Effective width: 1600mm

2. Power: three-phase four-wire 380V

3. Stamping force: 180T

4. Air pressure: 0.6Mpa

5. Power: 18.5KW (frequency control)

6. Speed: 50-550 times / min

7. Stroke: 24mm

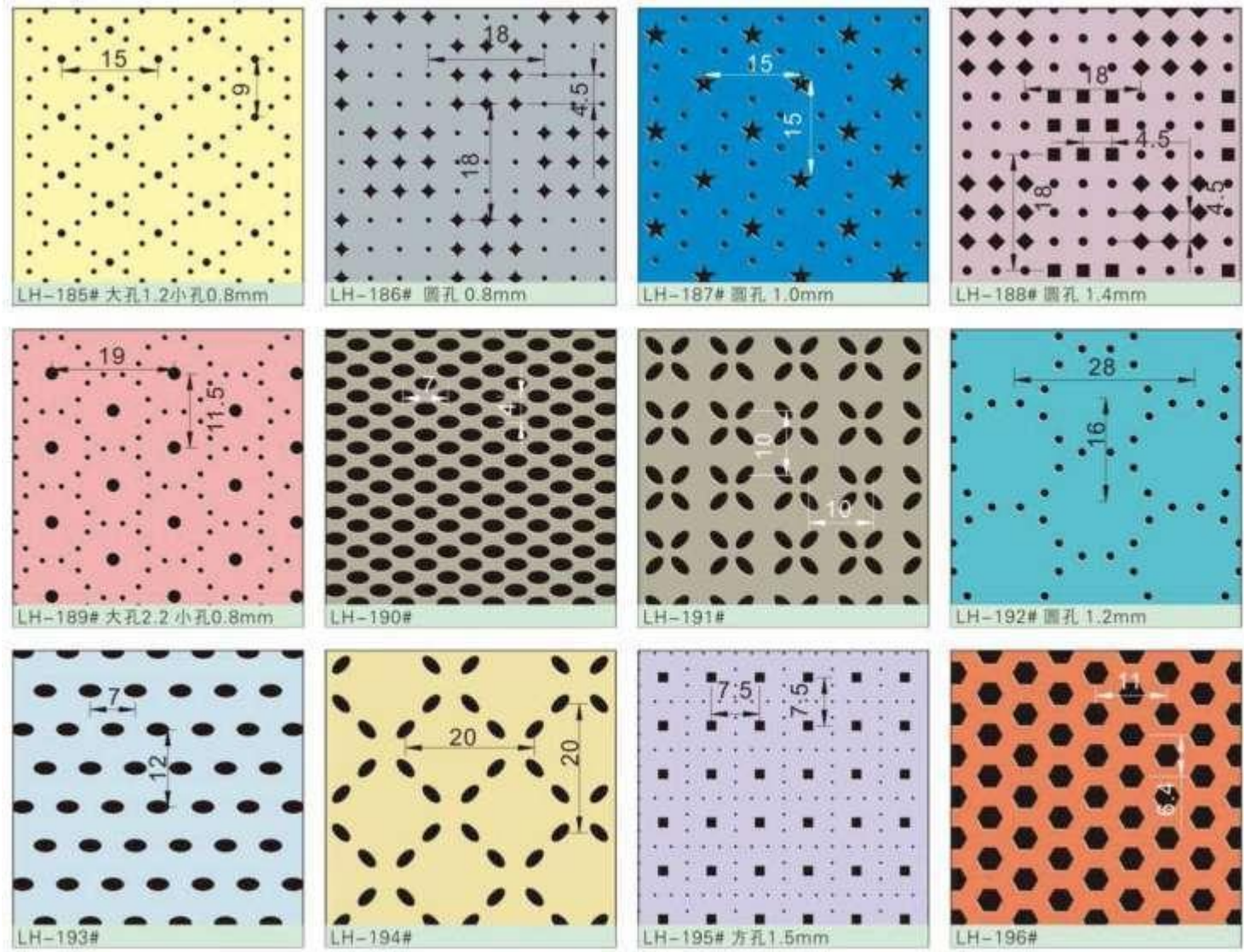
8. Material: less than 15mm

9. Machine weight: 9000kg

10. Area (length \* width \* height): 1200 \* 3500 \* 2500 mm

- This punching machine uses computer control, touch screen operation, servo motor pull material. Its operation is fast as well as accurate.
- The system added automatic heating and material counting, saving manpower and resources.
- A pair of molds input single, multi segment data through the computer making a variety of flower shapes, and reducing the cost of mold.
- The new section of the paper function is more practical, and it makes additional installation according to the needs of customers.
- It can save double, or even many times of the paper through mechanical debugging.
- It also has many other features, such as one to multi-layer processing, production efficiency, stable performance, simple operation.
- It is a domestic and international general preferred high-speed CNC punching machine

# Richpeace LH-1600mm leather punching machine



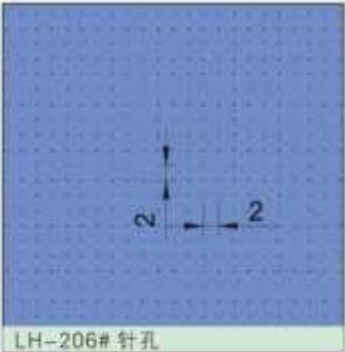
# Richpeace LH-1600mm leather punching machine



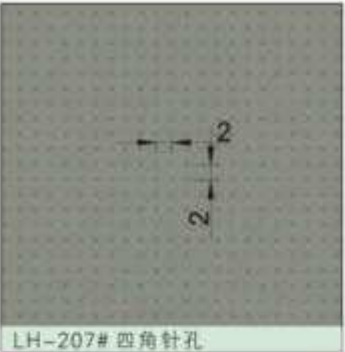
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LH-205# 针孔



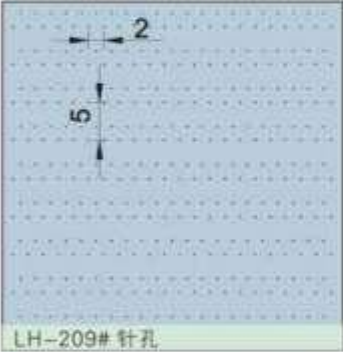
LH-206# 针孔



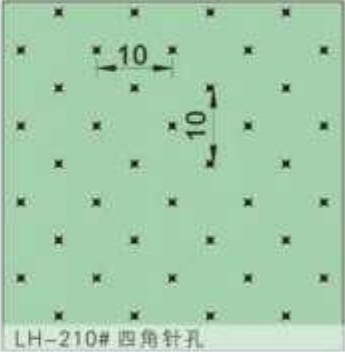
LH-207# 四角针孔



LH-208# 针孔



LH-209# 针孔



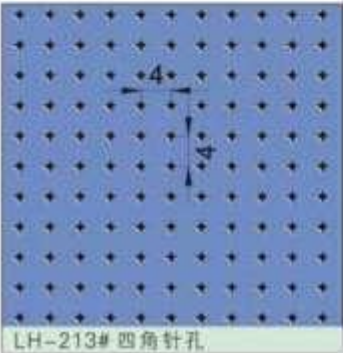
LH-210# 四角针孔



LH-211# 十字针孔



LH-212# 四角针孔



LH-213# 四角针孔



LH-214# 针孔



LH-215# 十字针孔



LH-216# 四角针孔

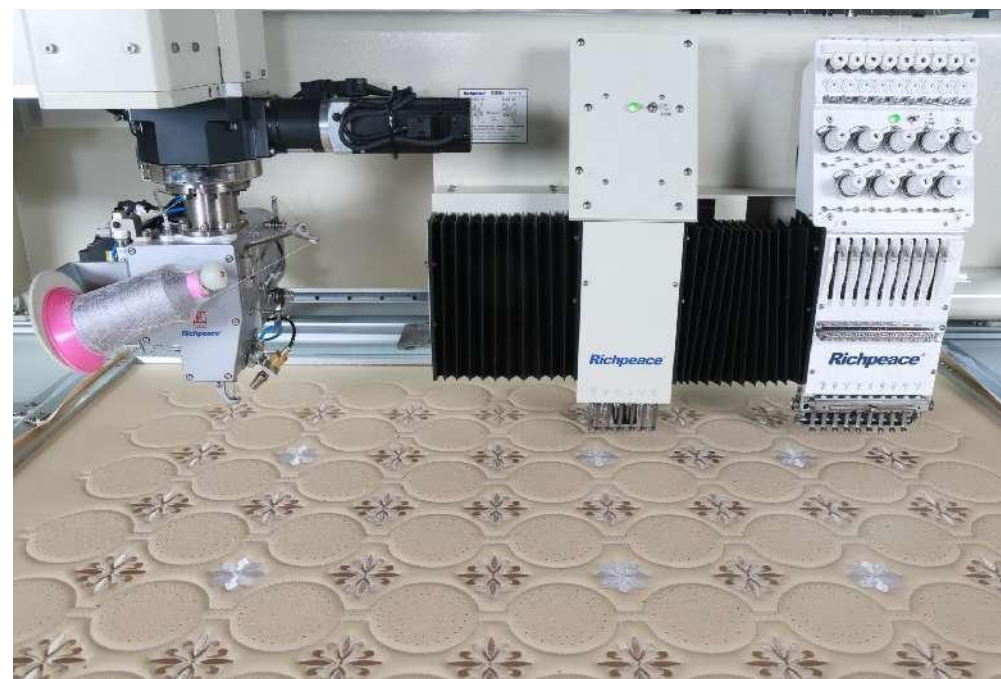
# 内饰-冲、缝、绣结合工艺

Automotive Interior- punching ,  
sewing ,embroidery



富怡电脑冲绣缝一体机

Richpeace multi function machine

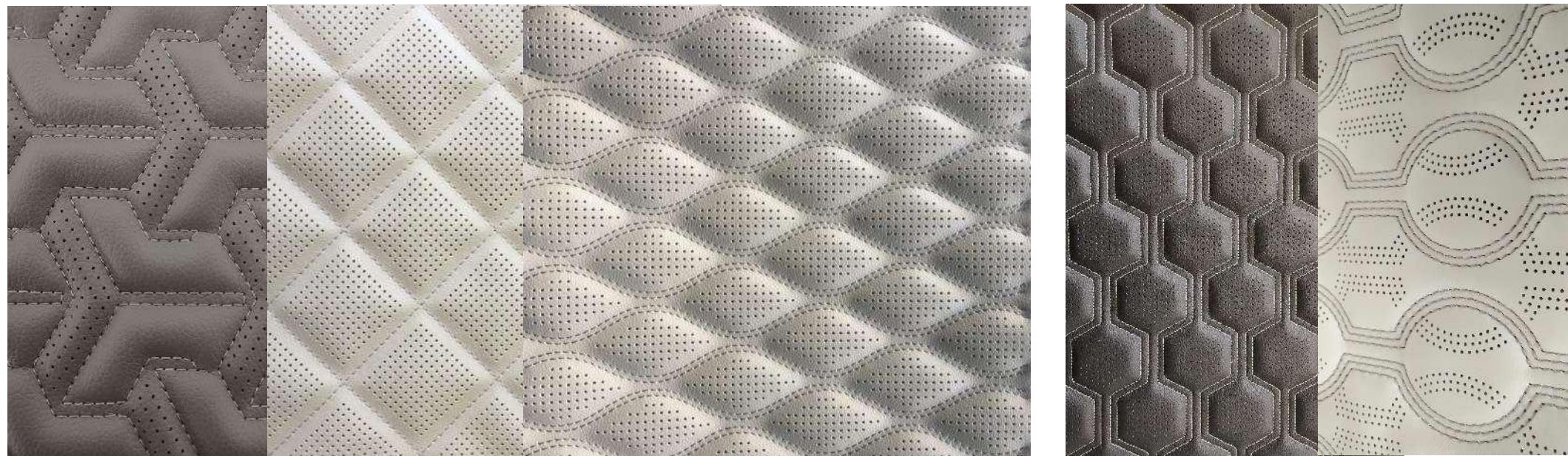




**Richpeace**

# 内饰-冲、缝、绣结合工艺

Interior- punching , sewing

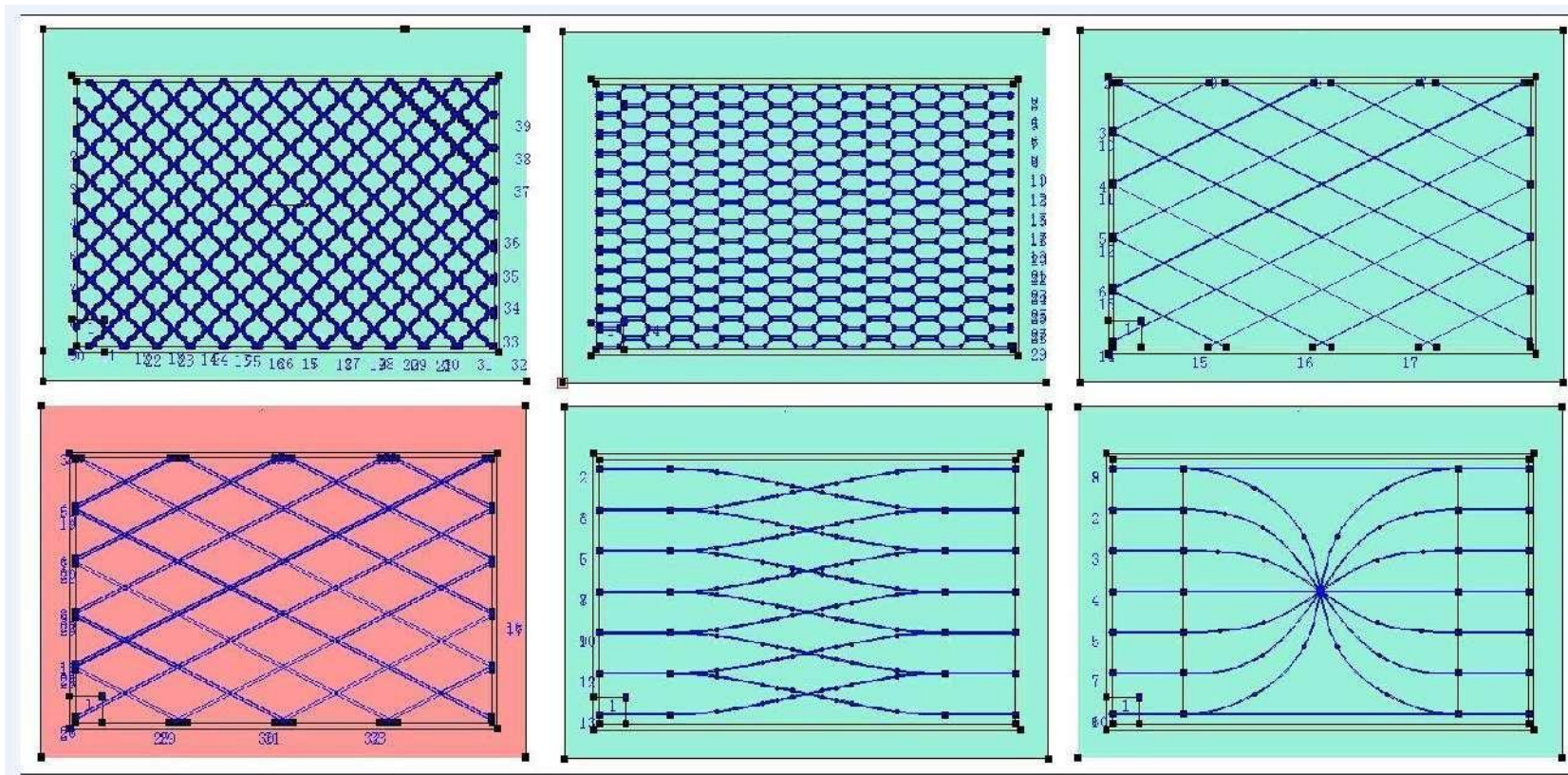


# 富怡自动缝纫软件



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## Interior- Richpeace AutoSew CAD



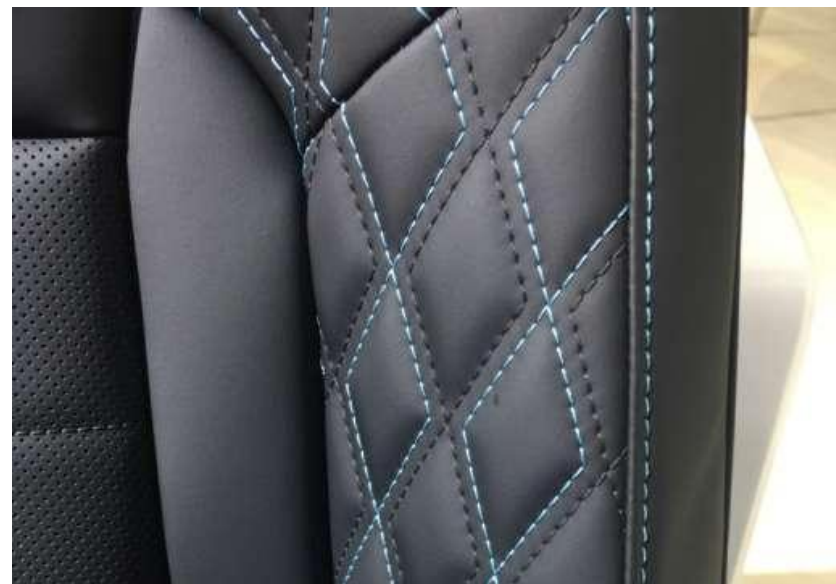
# 内饰-双色缝纫

Interior- single color sewing machine



# 内饰-双色缝纫

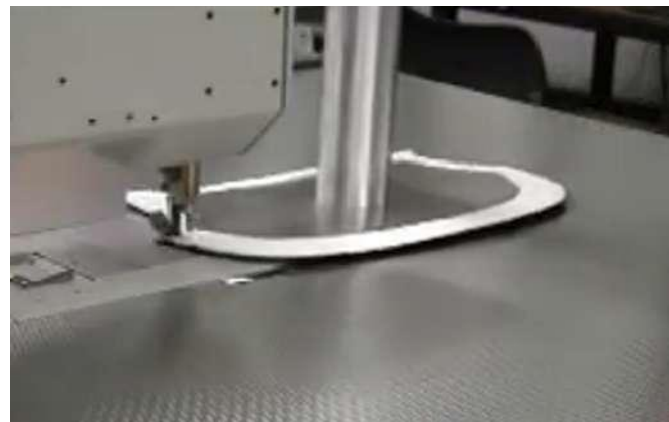
Interior- double color sewing machine





# 内饰-仿手缝纫

Interior- Imitation sewing unit



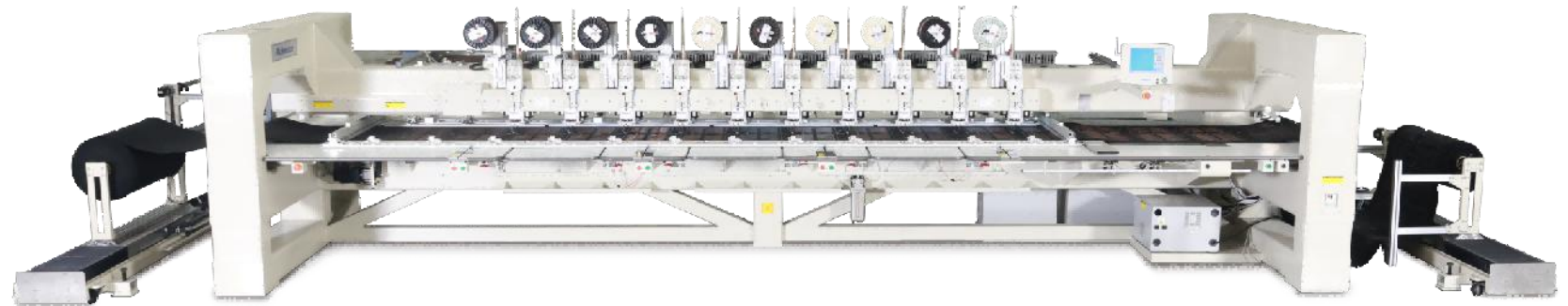
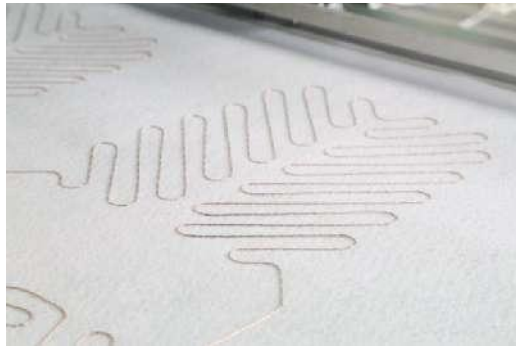


# 座椅、方向盘、电池罩 加热部件的自动化裁剪与缝制

Seat , steering wheel and Battery cover heated part automated cutting and sewing

# 座椅自动布发热丝（缝制）

Seat heated pad sewing solution

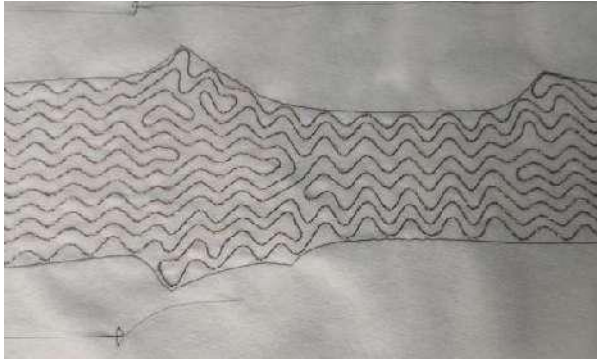


富怡汽车专用电脑布线机-左右自动收送料结构

Richpeace Computerized Wiring Stitching Machine For Automotive-Left-Right Feeding Structure

# 方向盘、电池罩自动布发热丝

Steering wheel and Battery cover heated part sewing solution



富怡汽车专用电脑布线机-前后自动收送料结构

Richpeace Computerized Wiring Stitching Machine Front-Back Feeding Structure

# 碳纤维2D铺缝

Carbon 2D lay stitching solution



富怡碳纤维自动铺缝机

Richpeace automatic lay stitching machine



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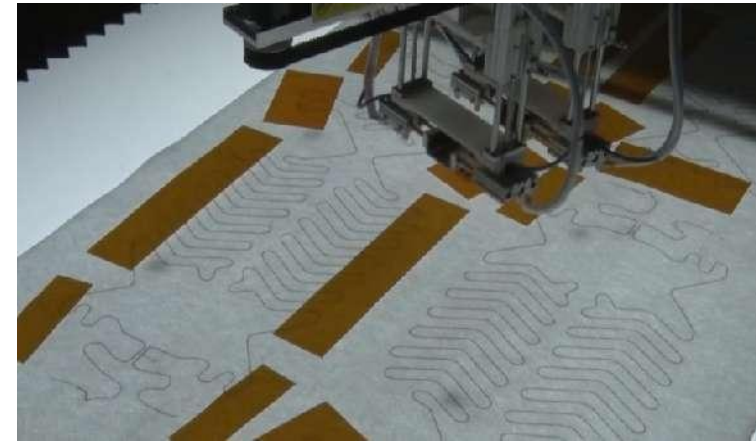
# 座椅发热部件自动贴胶带

Automatic tape Placement solution



富怡汽车专用电脑贴胶带机

Richpeace Computerized Tape Machine For Automotive



Telphone: 008618622581287    email1 :    Tim@richpeace.com   & Timrichpeace@richpeace.com

# 贴胶带后的照相自动裁切

Heated pad Camera cutting system



富怡照相定位双头电脑裁切机

Richpeace Automatic Cutting Machine with Double Camera & Cutting Bridge

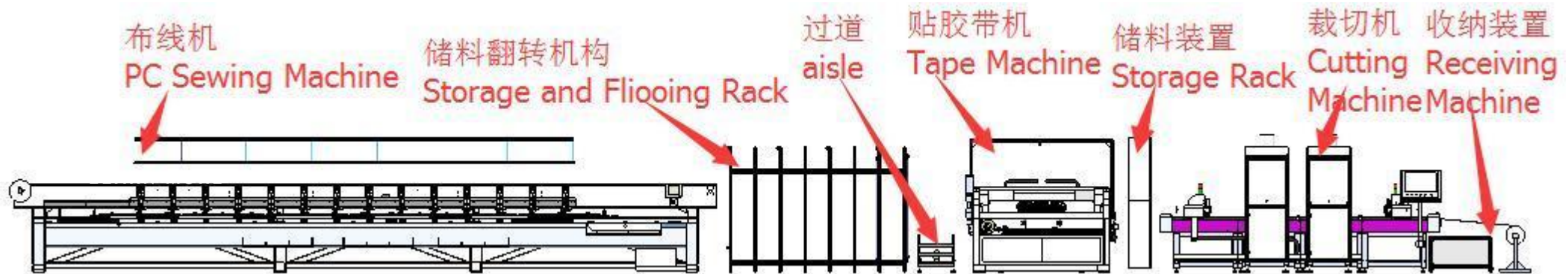




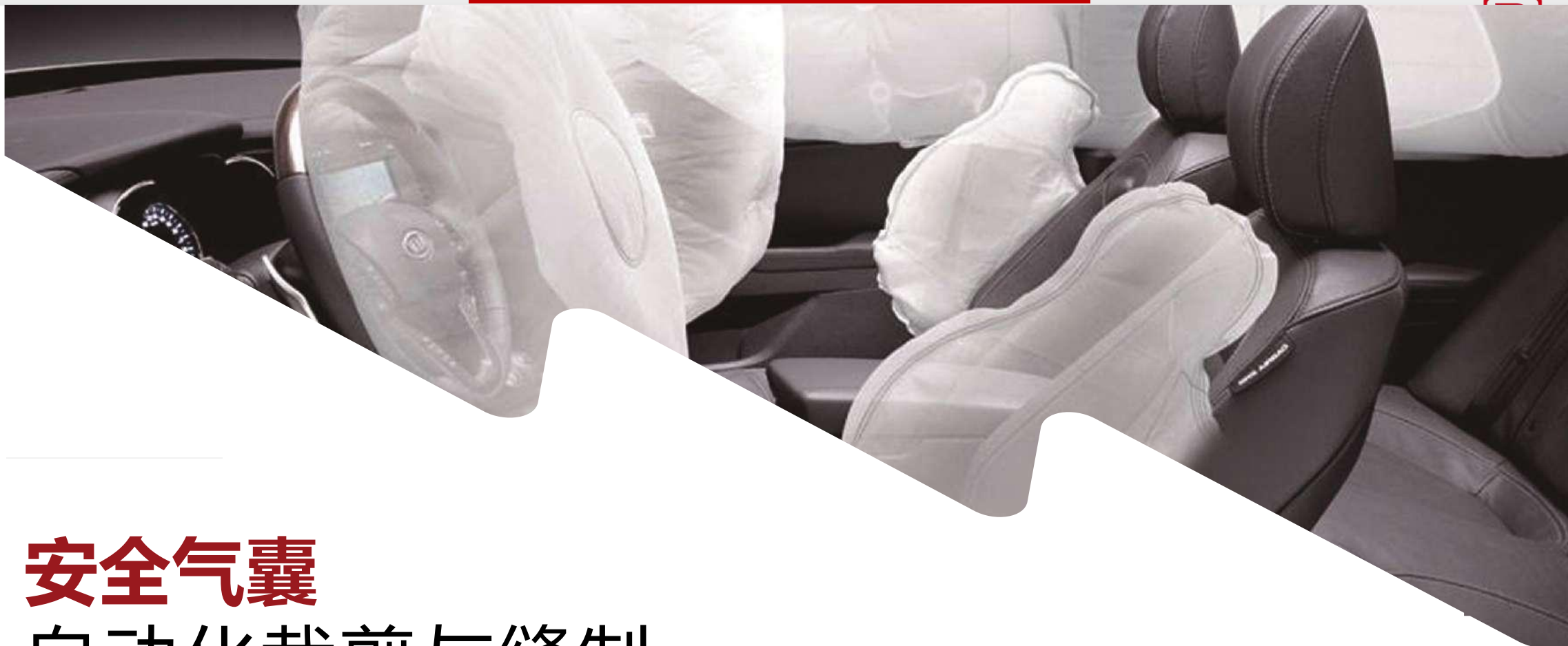
Richpeace®

# 全自动布线+胶带+裁剪生产线

Automotive Heating Pad Production Line - Wire sewing+Tape placement+Cutting







# 安全气囊 自动化裁剪与缝制

**Airbag** - automated cutting and sewing

Telephone: 008618622581287    email1 :    [Tim@richpeace.com](mailto:Tim@richpeace.com) & [Timrichpeace@richpeace.com](mailto:Timrichpeace@richpeace.com)

# 安全气囊自动铺布与裁剪

## Automatic Spreading & Cutting for Airbag



安全气囊专用拉布机

Richpeace SRS-airbag Automatic Spreading Machine



行进切割激光裁床-振镜激光头

Flycut Laser Cutting Machien



行进切割激光裁床-三振镜激光头

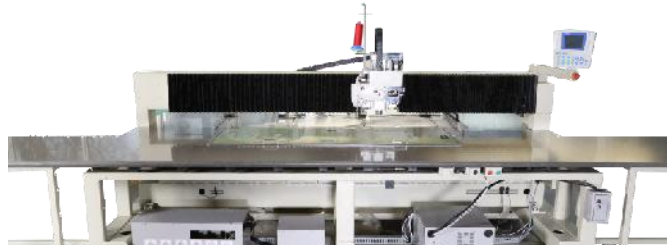
Flycut Laser Cutting Machien



**Richpeace®**

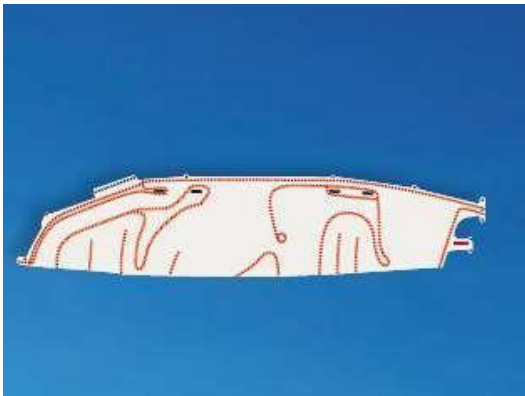
# 安全气囊自动缝制

**Airbag CNC sewing solution**



**安全气囊专用缝纫机**

Richpeace SRS-airbag Automatic Sewing Machine



**全自动双针任意转缝纫机**

Richpeace Double Needle Universal Rotary Head Sewing Machine



**方向盘气囊缝边机**

Outer seam sewing unit





# 全景天窗卷阳帘 自动化裁剪与缝制

Sunroofs-automated cutting and sewing solution

Telphone: 008618622581287    email1 :    Tim@richpeace.com   & Timrichpeace@richpeace.com

# 天窗卷阳帘自动化裁剪

Sunroofs automatic cutting solution



汽车专用激光切割机

Richpeace Laser Cutting Machine on Automotive Interiors

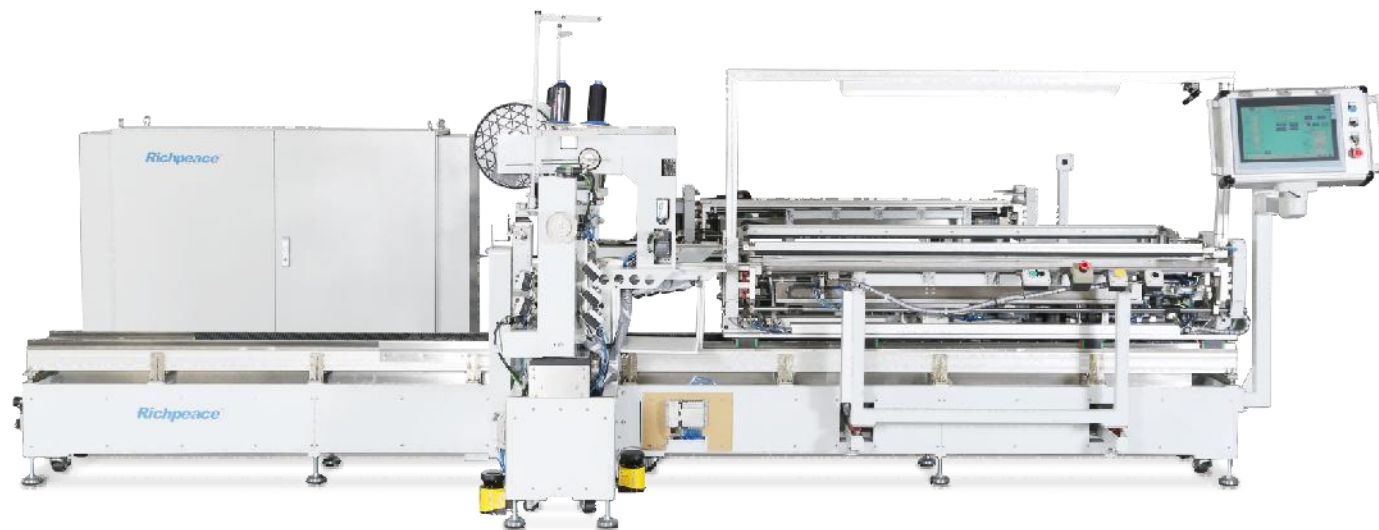


汽车天窗挡风网专用激光切割机

Richpeace Special Laser Cutting Machine for Automotive Sunroof Windshield

# 天窗卷阳帘自动化缝制

Sunroofs automatic sewing solution



汽车专用双边缝纫机

Richpeace Automatic Side Sewing Machine



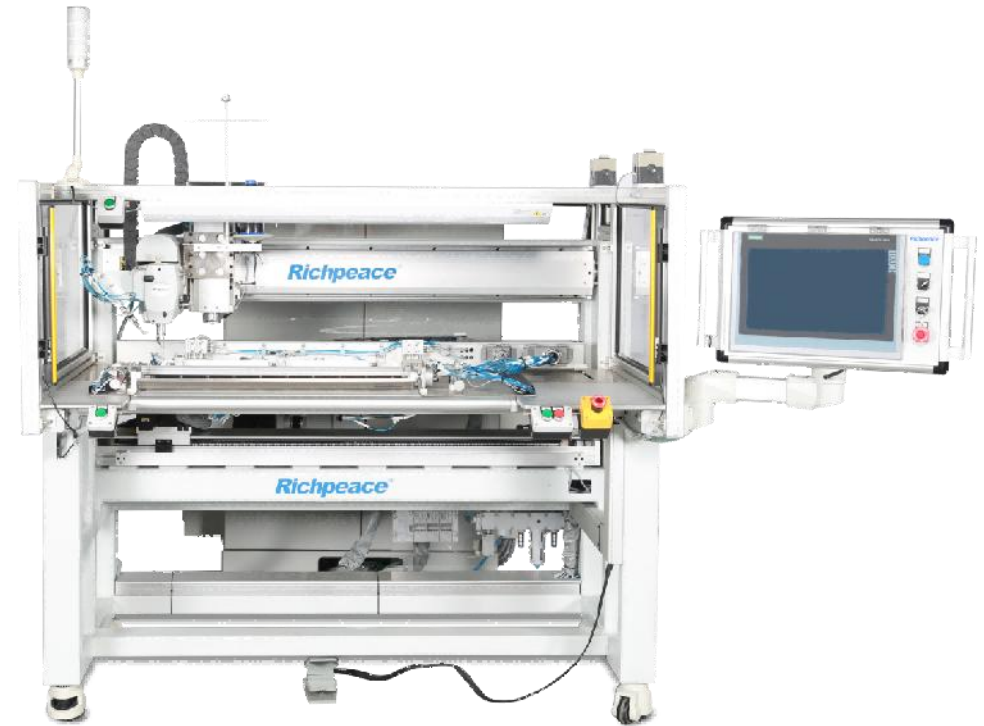
# 天窗卷阳帘自动化缝制

Sunroofs automatic sewing solution



汽车专用前边缝纫机

Richpeace Automatic Front Sewing Machine



Tellphone: 008618622581287    email1 :    Tim@richpeace.com   & Timrichpeace@richpeace.com

# 天窗卷阳帘自动化缝制

Sunroofs automatic sewing solution



汽车专用双工位缝纫机

Richpeace Automatic Two-Station Sewing Machine





# 天窗卷阳帘其他工序辅助设备

## Other Processing Equipment



汽车专用热熔机

Richpeace Hot Melting Machine



汽车专用涂油预紧

Richpeace Spring Grease and Force Preloading Machine



汽车专用码垛站

Richpeace Automotive Palletizing Machine

# 天窗自动装配生产线

sunroof automatic assembly production line



**Richpeace**



# 解决方案--航空航天

SOLUTION FOR AVIATION INDUSTRY



**Richpeace**

为卫星复合材料开发生产的自动缝裁一体  
生产线

Automatic Cutting & Sewing Solution for satellite  
composite material for satellite



# 解决方案--能源行业

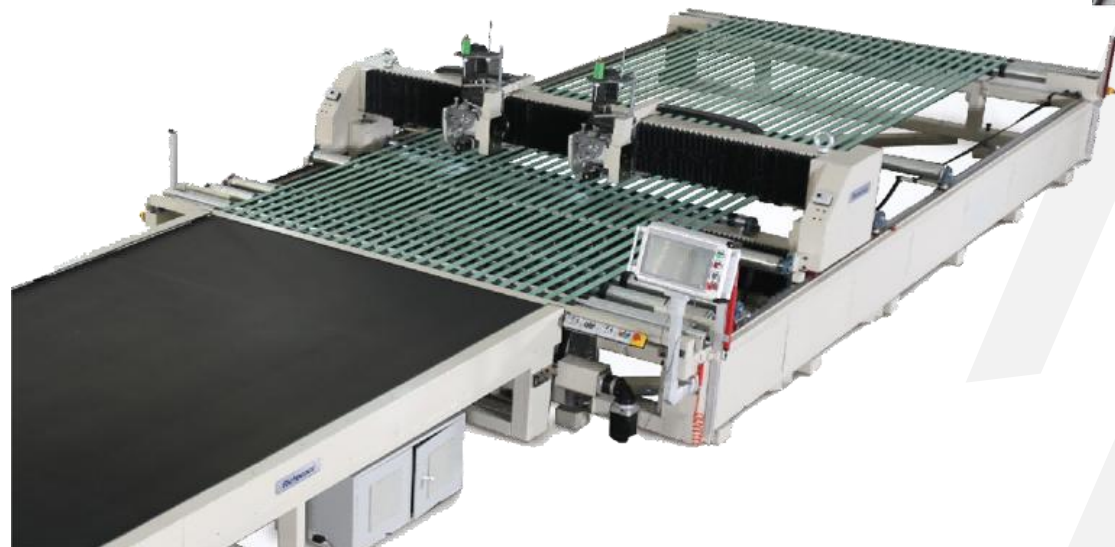
SOLUTION FOR ENERGY INDUSTRY



Richpeace®

为风力发电用户生产的自动缝制生产线

Automatic stitching machine for Wind-energy application



# 国内销售及服务网络

DOMESTIC SALES & SERVICE NETWORK



Richpeace®



## 国内服务布局 DOMESTIC

在北京、上海、嘉兴、南京、东莞、乌鲁木齐设有分公司，在郑州、西安、成都、香港、台湾设有办事处。

Branche offices in Beijing, Shanghai, Jiaxing, Nanjing, Dongguan, Urumqi, and offices in Zhengzhou, Xi'an, Chengdu, Hong Kong, and Taiwan.

# 国外销售及服务网络布局

OVERSEA SALES & SERVICE NETWORK

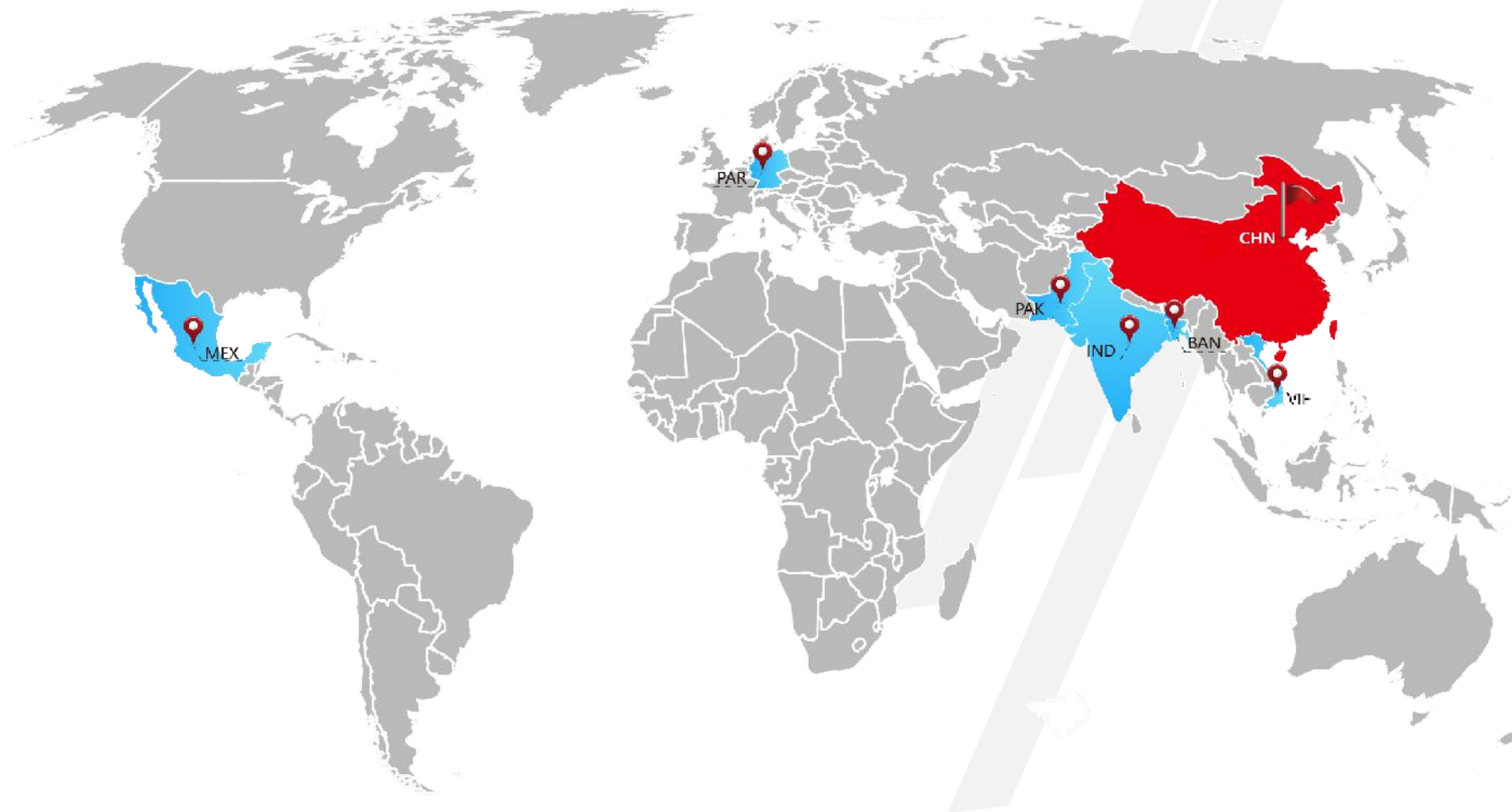


Richpeace®

## 国际服务网络布局 INTERNATIONAL

国际销售网络覆盖全球，产品远销100多个国家，海外代理商60多家，在越南、印度、孟加拉、巴基斯坦、巴黎、墨西哥设有办事处。

The international sales network covers the world with products exported to more than 100 countries, more than 60 overseas agents, and offices in Vietnam, India, Bangladesh, Pakistan, France, and Mexico



# 企业荣誉

ENTERPRISE HONOR



Richpeace®



## 天津市缝制装备技术企业 重点实验室

Tianjin Sewing Equipment Technologies Enterprises'  
Key Development Centre

# 社会责任-职业技能大赛

SOCIAL RESPONSIBILITY-SKILL COMPETITIONS



Richpeace®

## 中职组全国服装设计与工艺大赛



自从2007年以来,富怡连续12年一直冠名支持全国职业院校技能大赛“中职组”服装设计与工艺赛项,鼎力支持国家职业教育大发展,为培养全国纺织服装产业高技能人才给予大力支持。

Since 2007, Richpeace has titled and supported the clothing design and craft competition of the "Secondary Vocational Group" of the National Vocational College Skills Competition for 12 consecutive years.





# 社会责任-职业技能大赛

SOCIAL RESPONSIBILITY-SKILL COMPETITIONS



Richpeace®



## 全国十佳服装制版师大赛

自2013年起，富怡连续八年独家冠名全国十佳服装制版师大赛。大赛于2017年正式列入国家技能大赛。通过大赛提升了我国服装产业的发展，发挥出服装制版师的关键作用，这也是富怡的社会责任和历史使命。

Since 2013, Richpeace has exclusively titled the National Top Ten Pattern Maker Competition for eight consecutive years. The competition was officially included in the National Skills Competition in 2017. Through the competition, the development of clothing industry has been promoted and the key role of the clothing pattern maker has been brought into play. This is also Richpeace's social responsibility and historical mission.



# 社会责任-书籍出版

## SOCIAL RESPONSIBILITY-BOOKS



Richpeace®

过去近30年以来，由学院教授、行业专家、开发者等以富怡产品为基础，累出版了超过160本书籍，许多书籍已列入国家规划教材。

More than 160 books has been published by college professors, experts in past 20 years with cooperation or support of Richpeace Many books had been listed in National education planning as teaching materials.



# 富怡愿景

PLAN FOR TOMORROW



Richpeace®

上工富怡的愿景：在柔性材料应用的行业里，致力于对其两大加工工艺——“裁剪+缝制”逐渐实现柔性制造，向客户提供软件、电脑、电控、装置、部件、整机、定制、成套设备的完整解决方案，改造并提升传统产业的制造能力，实现设计电脑化、生产自动化、管理智能化，为“裁剪+缝制”工业4.0做一个高端的、全球化的设备供应商。

The vision of Richpeace: In the industry of flexible material application, we are committed to gradually realizing flexible manufacturing for its two major processing techniques-"cutting + sewing", and providing customers with software, computers, electronic controls, devices, components, Complete solutions for complete machines, customizations, and complete sets of equipment, transform and enhance the manufacturing capabilities of traditional industries, realize computerization of design, production automation, and management intelligence, and make a high-end and globalized "cutting + sewing" industry 4.0 Equipment supplier.



初级阶段  
Initial  
Stage

智能设备升级

Upgrade to smart device



中级阶段  
Middle  
Stage

信息化建设

Information construction



高级阶段  
Advanced  
Stage

物网互联

Internet of all thing

# 工业物联网

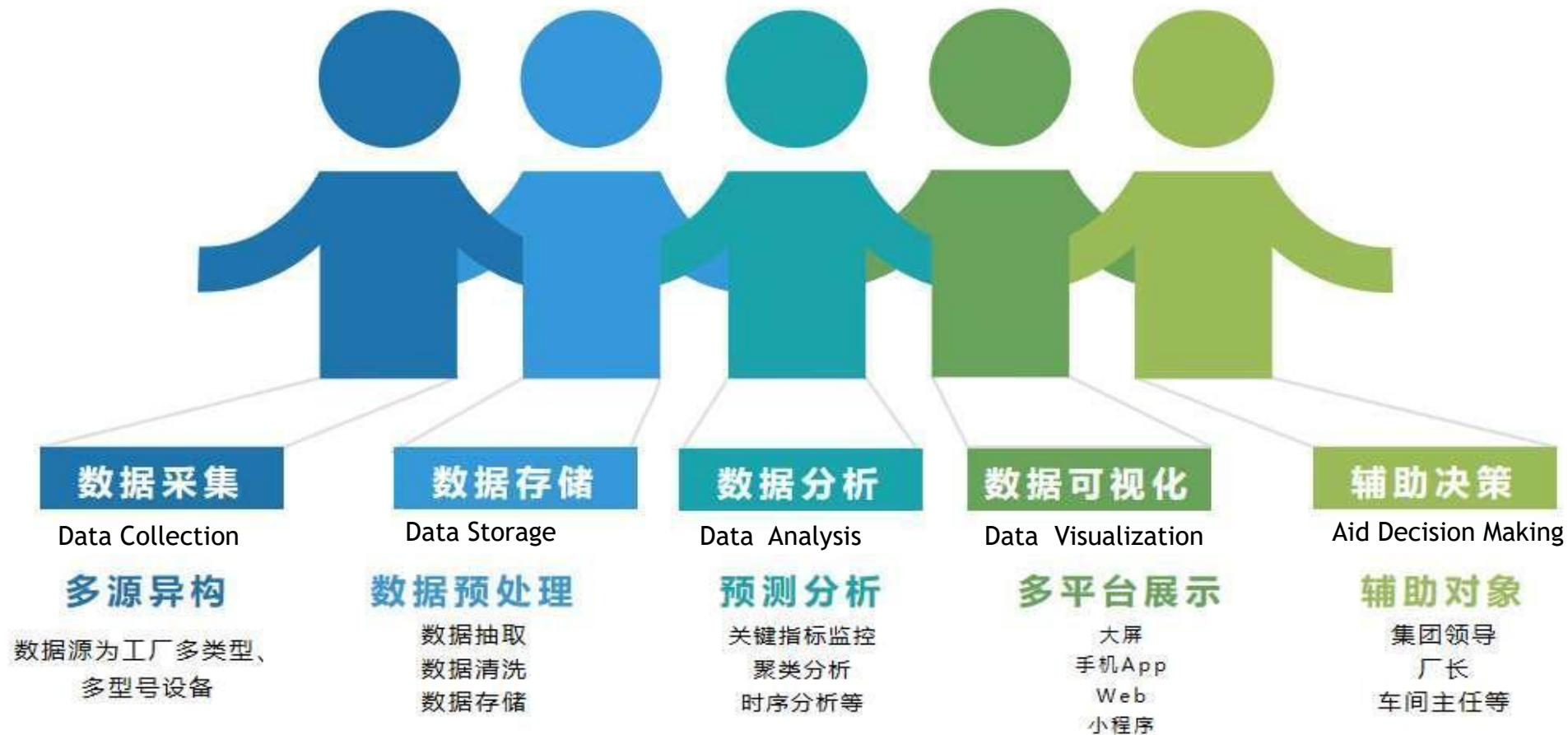
INDUSTRIAL IoT

## 人机融合的工业物联网

Human-machine integration of the Industrial Internet of Things



Richpeace®





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 SCSGroup 上工申贝集团成员企业 Richpeace®

2023

感谢您的聆听!

