

# Computer Procedural Automatic Pattern Sewing Machine

Zhenwei Technology(Wenzhou) Co., Ltd.

543,000 Wenzhou Hanhai Mechanical and Electrical Technology Co.,Ltd.

133,000

123,000

182,000

264,000

284,000

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# PART 1

## HANHAI COMPANY PROFILE

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## 公司简介



Founded in 2000, Wenzhou Hanhai Mechanical and Electrical Technology Co.,Ltd. is a high-tech manufacturer that integrates R&D, production, sales and service into a modern enterprise operation mode. The company has long history of R&D and production been committed to special sewing equipment products in the fields of shoes, luggage, bag and clothing, etc.

公司秉承对缝纫机事业的执着和精益求精追求的瀚海人，一直致力于研发体系的建设工作，公司建立了合理的用人机制，引进了国外先进的生产设备，并不断吸纳国内外专业技术知识，培养能力强的工程技术人员，为新产品不断创新、质量稳定奠定了基础。

瀚海牌，是本公司旗下的专业缝纫机品牌，以电脑花样机为代表，并以特殊缝纫工艺定制、快捷高效的客户服务、完善的售后团队满足全国不同行业的客户差异化需求。

公司的核心产品——电脑花样机在整个行业市场遥遥领先，以制鞋行业为主，并不断向服装、箱包、汽车座椅等行业拓展。在国内外拥有专业的销售服务网络，通过为国内及全球二十多个国家和地区的经销商、企业用户提供最前沿的缝纫技术及个性定制化解决方案，让全球用户享有高效、便捷、简单的产品服务。

“瀚海”以科技为创导，将成为新时代设计的跨越点，关注每个细节，把专业产品“做专、做精、做强”，响应国家中国制造2025的号召，为传统行业提供产业升级、为广大客户提供完善的产品和服务将是瀚海不断追求的目标！

## Certificate of Compliance

No. 0B180508.WHHUQ48



**Certificate's Holder:** Wenzhou Han Hai Mechanical and Electrical Technology Co., Ltd.  
Second Floor, Block 30, China Shoes Industrial Zone, Lucheng District, Wenzhou City, Zhejiang Province, China

**Certification ECM Mark:**



**Product Model(s):** Industrial Sewing Machine HH Series

**Verification to:** Standard:  
EN ISO 12100:2010,  
EN ISO 10821:2005+A1:2009,  
EN 60204-1:2006+A1:2009+AC:2010

related to CE Directive(s):  
2006/42/EC (Machinery)

**Remark:** The product(s) has been verified on a voluntary basis. The product(s) satisfies the requirements of the Certification Mark of ECM, in reference to the above listed Standard(s). The above Compliance Mark can be affixed on the product(s) accordingly to the ECM regulation about its release and its use. The regulation can be found at [www.entecerma.it](http://www.entecerma.it). This Certificate of Compliance can be checked for validity at [www.entecerma.it](http://www.entecerma.it). This verification doesn't imply assessment of the production of the product(s).

**Additional information, clarification about the CE Marking:**  
We attest that a TCF for the CE Marking process is in place. Whereas the Manufacturer is Responsible to start the CE Marking Certification Procedure and to perform all the necessary activities, as required by the Directive before placing the CE Mark on the product(s).

Date of issue 08 May 2018

Expiry date 07 May 2023

Chief Manager  
Marta di Martina

Deputy Manager  
Amanda Payne

Ente Certificazione Macchine Srl

Via Co' Bella, 243 - Loc. Castello di Serravalle - 40053 Valsamoggia (BO) - ITALY  
☎ +39 051 6705141 ☎ +39 051 6705156 ✉ info@entecerma.it 🌐 www.entecerma.it

# CE

## Certificate of Registration

This is to certify that

**Wenzhou Hanhai Electromechanical Science&Technology Co., Ltd.**

Unified social credit code: 913303025623533774

Registered address: 2/F, No.30 land parcel (Dibang Shoes Industry Co., Ltd.), Chinese Shoes City, Lucheng District, Wenzhou City, Zhejiang Province, China

Audited address: 2/F, No.30 land parcel (Dibang Shoes Industry Co., Ltd.), Chinese Shoes City, Lucheng District, Wenzhou City, Zhejiang Province, China

Has been assessed as conforming to meet the requirements of

**GB/T19001-2016/ISO9001:2015**

for the scope of activities

**Production and sale of industrial sewing machine, computer pattern machine; sale of laser cutting machine**

Certificate No: **ZZW18Q15308R0S**

Issue Date: **30 May 2018** Valid until: **29 May 2021**

Attention: Subject to adherence to the agreed ongoing audit programme, successful endorsement of certification following each audit and compliance with CI Regulations  
Certification Range of product service excludes the relevant administrative verification that are not acquired the valid national rule, certification permission, 3C certification

Signed for and on behalf of

General Manager



Note: According to the certification requirements, the interval between the annual surveillance audit and the last spot audit cannot exceed twelve months.

Shanghai Zhonghui Certification Co., Ltd. Tel: +86 21 3952 8556 Fax: +86 21 6426 7178  
Add: Room 1118, No. 29, Lane 26, Hexuan Road, Jiading District, Shanghai City, P.R. China  
The certificate information is validly on: Our company Web: [www.zzwz.com](http://www.zzwz.com); CNCA official web: [www.cnca.gov.cn](http://www.cnca.gov.cn)

# ISO9001

## 质量管理体系认证证书

兹证明

**温州瀚海机电科技有限公司**

统一社会信用代码: 913303025623533774

注册地址: 中国浙江省温州鹿城区中国鞋都30号地块(帝邦鞋业有限公司)二楼

审核地址: 中国浙江省温州鹿城区中国鞋都30号地块(帝邦鞋业有限公司)二楼

建立的管理体系经审核符合以下标准要求:

**GB/T19001-2016/ISO9001:2015**

认证范围

工业缝纫机、电脑花样机的生产与销售, 激光切割机的销售。

证书编号: **ZZW18Q15308R0S**

发证日期: 30/05/2018 有效期至: 29/05/2021

注: 组织须按规定接受每年监督审核, 并遵守相关认证规定, 认证书有效性才能保持有效。  
认证注册范围不包括未获得有效的国家规定的行政许可证, 资质许可和 3C 认证的产品服务范围

证书签发人:

总经理

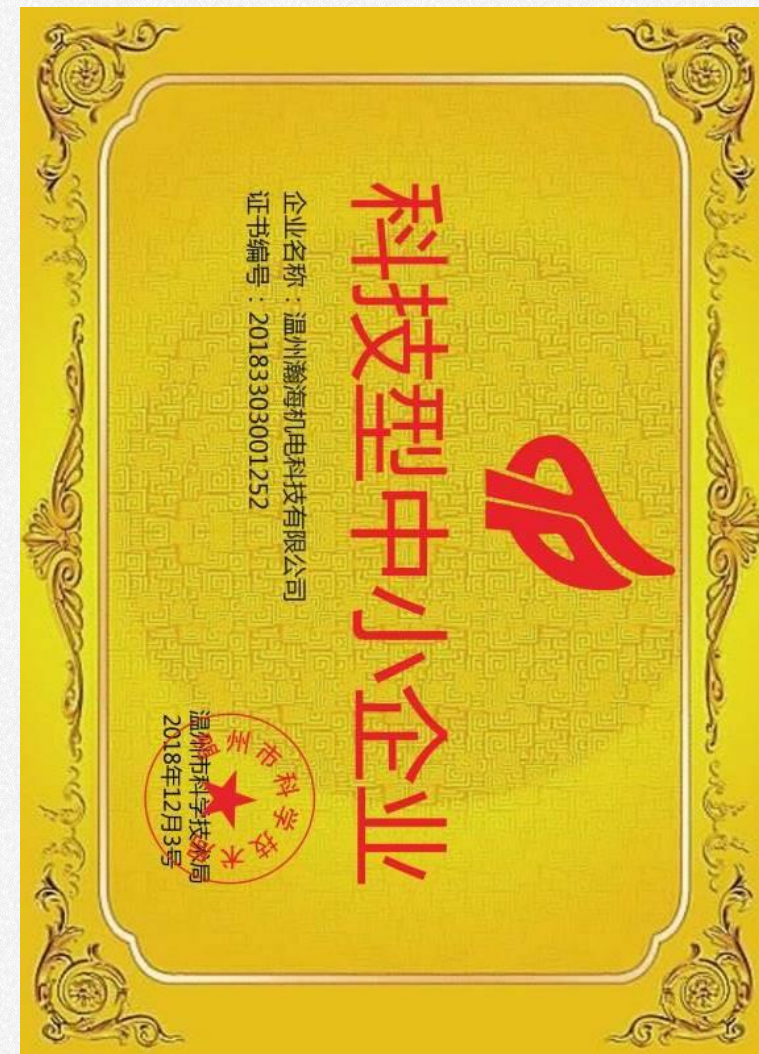


注: 按照认证要求, 每次监督审核时间与上次现场审核时间间隔不得超过 12 个月。

上海中致威认证有限公司 电话: 021-39528556 传真: 021-64267178

地址: 上海市嘉定区南翔路 26 弄 29 号 1118 室

证书有效性查询方式: 中致威公司网站 [www.zzwz.com](http://www.zzwz.com); 国家认证认可监督管理委员会网站 [www.cnca.gov.cn](http://www.cnca.gov.cn)



PATENTS

We are scientific and technological enterprises



## **PART 2**

# **PATTERN SEWING MACHINE FUNCTION & REFORM**

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## ➤ FUNCTIONS



The automatic computer pattern sewing machine is widely used in handbags, garments, textiles, leather goods, bags, shoes, belts, sports equipment and so on, for patterns sewing work. At the same time, it can enhance the status of the company's image, such as customers need to inspect the production capacity, management level, equipment working status of factories, which will carry conviction. Nowadays, the customers from many big brands are especially required to use this machine to stitch products and patterns. Therefore, having pattern sewing machine is the prove of corporate great image.



## 01

***Improve production,***  
one sewing production line which used traditional sewing machine before and after they use computer pattern sewing machine, increased production by 30% to 50% (product process and structure are different)



## 02

***Less workers,***  
nowdays, factories all over the world are facing with difficulties in recruiting workers. One pattern sewing machine can replace 6 to 10 people. Large machine can even replace 20 people, which greatly reduces the workers



## 03

***Improve stability & quality,***  
the pattern sewing machine is a high-tech precision product that can do stable, beautiful and complicated sewing stitches. It is one of the necessary equipment for high-clase products.



## 04

### ***Improve the company image,***

Now many customers need to check and inspect the factory management, production capacity, etc. And many big brands have special requirement to use this machine to stitch patterns. So having pattern sewing machines show the great corporate image.



## 05

### ***Saving cost & increase revenue,***

Some companies feel that spending thousands of dollars to buy one machine is not worthwhile. But you can calculate: one machine \$5000, need one worker one year cost \$12000(\$1000/month including salary and living), which can replace lowest 3 workers, one year cost  $3 \times 12 \times \$1000 = \$36000$ , you can save  $\$36000 - \$17000 = \$19000$  per year









## 06

### ***Easy work,***

Reduce the technical difficulty, which is very easy to operate by finished program, normal workers can do well, no need to employ skilled workers with high salary

# Working Time Comparison

Step	Photo	Pattern Sewing Machine		Traditional Sewing Machine	
		Worker	Average Time/5 pairs	Worker	Average Time/5 pairs
First		Normal	10s	Level A skilled worker	12s
Second		Normal	8s	Level A skilled worker	10s
Third		Normal	17s	Level A skilled worker	35s
Forth		Normal	11s	Level A skilled worker	25s
Fifth		Normal	12s	Level A skilled worker	32s
合计		Normal	58s	Level A skilled worker	114s





# PART 3

HANHAI AUTOMATIC  
PATTERN SEWING  
MACHINE SPECIFICATION

## ▶ INTRODUCTION

HANHAI computer pattern sewing machine is precision sewing equipment integrating pneumatic device, computer technology. The product adopts an easy-to-use operation panel, which is easy to learn and operate, which can directly input sewing patterns program through the USB and cf card.

Our machine is applicable to all kinds of thick heavy materials, leather and fabric, clothing and so on, suitable for shoes, handbags, bags, jeans, sports equipment and other pattern sewing products.

<b>Speed</b>	<b>2700-2800RPM</b>	
Working area	HH-311G	130*100MM
	HH-326G	220*100MM
	HH-342G	300*200MM
	HH-6040G	600*400MM
	HH-10040G	1000*400MM
Needle space	0.1-12.7MM	
Pressing Plate Height	Pneumatic type:	Max 30MM
	electromagnetic type:	Max 25MM
Pressure foot lifting	30MM	
Motor power	750W	
Number of users	999	

# ▶ HH-311G



型號 Model	平縫 Flat Seam	2倍旋梭 Double Rotary Shuttle	縫紉面積 Sewing area	針距 Gauge	切綫裝置 Cutting device	掃綫裝置 Sweeping device	最高縫紉速度 Highest sewing speed	空氣消耗量 Air pressure
HH-311G	★	2	130 × 100mm	0.05-12.7mm	★	★	2,700rpm	1.71 l/min
使用縫紉機/Use of sewing machine	平縫花飾縫紉機(2倍旋梭)/Flat-seam floriationsewing machine(2-times hook)							
綫迹/Line	單針平縫/Single-needle flat seam							
最高縫紉速度/Highest sewing speed	2,700rpm							
縫制區域(X*Y)/Sewing area(X*Y)	最大(Maximum)130 × 100mm							
送布裝置/Cloth feeding device	間歇送布(脈衝馬達驅動)/Intermittent feeding(driven by pulse motor)							
針距/Gauge	0.05-12.7mm							
最大針數/Maximum stitch numbers	20,000針/1個圖案(20,000 needles/1 pattern)							
壓腳驅動方式/Presser foot drive	脈衝馬達驅動/Pulse motor drive							
壓腳高度/Presser foot Height	電磁式: 最大25mm/Electromagnetic:25 mm maximum 氣動式: 最大30mm/Pneumatic:30 mm maximum							
兩步壓腳/2-step presserfoot	電磁式: 1體壓腳/Electromagnetic:1 foot body pressure 氣動式: 分離式壓腳/Pneumatic:separate the presser foot							
間歇壓腳上升量 Raising amount by intermittent presser foot	22 mm							
間歇壓腳行程 Stroke by intermittent presser foot	0或2-10mm(出廠設置: 3mm)/0 or 2-10mm(Factory defaults 3mm)							
旋梭/Shuttle	擺梭(標準旋梭是選購件)/shuttle(standard shuttle are options)							
掃綫裝置/Sweeping device	標準裝備/Standard device							
切綫裝置/Cutting device	標準裝備/Standard device							
數據儲存方式/Data storage way	閃存(使用CF卡可任意縫紉圖案)3.5英寸磁盤2HD/1.44MB,2DD(選購件) Flash memory(You can sew any pattern with CF card)3.5inch disk 2HD/1.44MB,2DD(options)							
馬達/Motor	AC伺服馬達550W AC servomotor 550W							

## ▶ HH-311G

### 耗電低，經濟實用/Low power consumption,economical and practical

As it uses the small motor without transmission loss

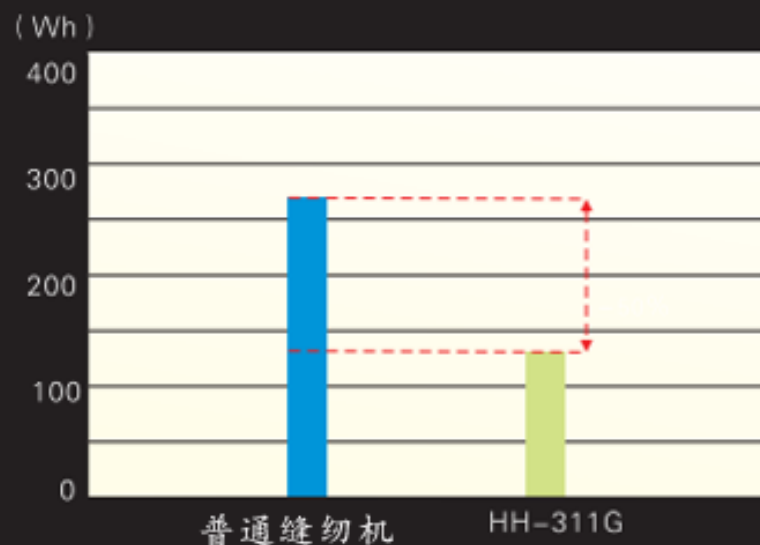
采用無傳動損失的電腦直接驅動式小型節能馬達，耗電量與傳統機型相比削減了50%，是市場上耗電最低的電腦花飾機。

The power consumption is decreased by 50%, being the floriation machine with lowest power consumption.

The highest speed reaches 2700rpm

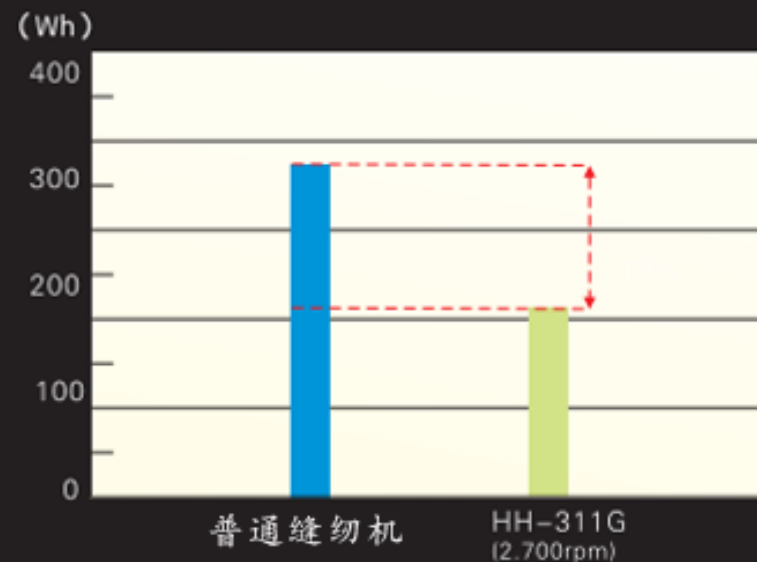
由于采用了瀚海公司獨創的電腦直接驅動式馬達，啓動/停車反應迅速。與傳統機型相比機器時間縮短了約19%，生產效率得到進一步提高。

As it uses direct-drive motor by hanhai company, it has quick sponse to starting, stopping. Compared with traditional machines, it saves 19% time with higher efficiency.



普通縫紉機

HH-311G



▶ HH-311G



# ▶ HH-342G



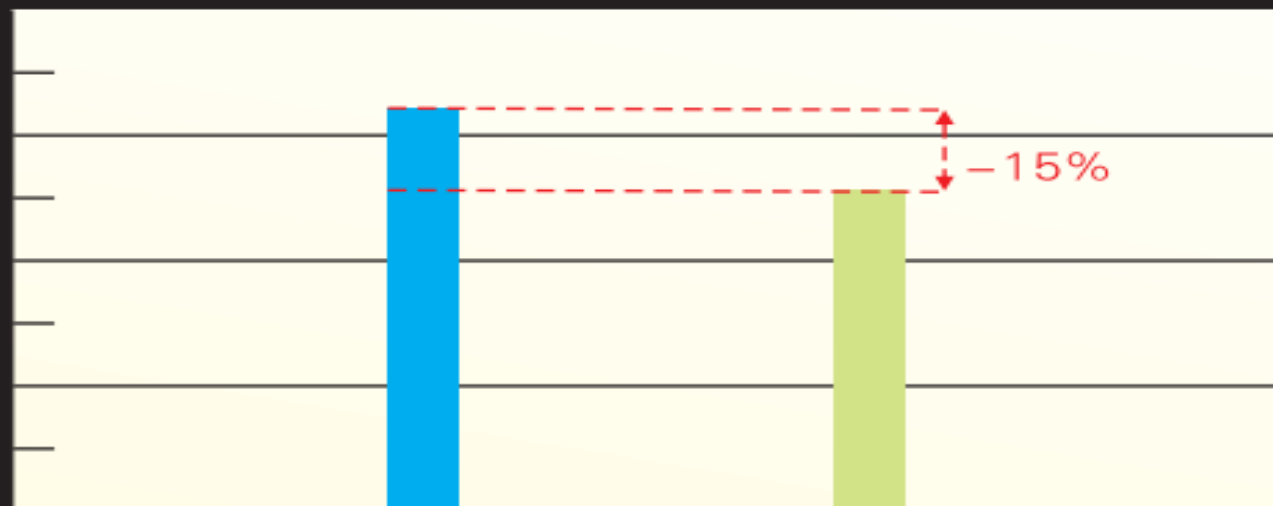
型號 Model	平縫 Flat Seam	2倍旋梭 Double Rotary Shuttle	縫紉面積 Sewing area	針距 Gauge	切綫裝置 Cutting device	掃綫裝置 Sweeping device	最高縫紉速度 Highest sewing speed	空氣消耗量 Air pressure
HH-342G	★	2	300 × 200mm	0.05-12.7mm	★	★	2,700rpm	1.8 l/min
機頭/The head	平縫花飾縫紉機(2倍旋梭)/Flat-seam floriationsewing machine(2-times hook)							
綫迹/Line	單針平縫/Single-needle flat seam							
最高縫紉速度/Highest sewing speed	2,700rpm							
縫制區域(X*Y)/Sewing area(X*Y)	最大(Maximum)300 × 200mm							
送布裝置/Clothar feedingdevice	間歇送布(脈衝馬達驅動)/Intermittent feeding(driven by pulse motor)							
針距/Gauge	0.05-12.7mm							
可儲存針數/Can be stored needle number								
每個縫紉圖案的最大針數 Maximum stitch numbers	20,000針/1個圖案(20, 000 needles/1 pattern)							
可儲存縫紉圖案數/Sewing pattern can be stored	內置內存: 512種類 CF卡: 900種類 CF card built-in memory:512 species,900 kinds							
大壓腳驅動/Big presser foot drive	氣動/pneumatic							
大壓腳高度/Height of presser foot	最大/30mm/Maximum 30 mm							
大壓腳降低/Big presser foot descending	平一體式壓腳/Ineegrated presser fool							
間歇壓腳上升量 Raising amount by intermittent presser foot	22 mm							
間歇壓腳行程 Stroke by intermittent presser foot	0或2- 1 0 mm(出廠設置: 3mm)/O or 2-10mm(Factory defaults 3mm)							
旋梭/Shuttle	兩倍擺梭(標準擺梭為選購件)/Twice as many shuttle(shuttle runs for options)							
掃綫裝置/Sweeping device	標準裝備/Standard device							
切綫裝置/Cutting device	標準裝備/Standard device							
數據儲存方式/Data storage way	閃存(使用CF卡可任意縫紉圖案)3.5英寸磁盤2HD/1.44MB,2DD(選購件) Flash memory(You can sew any pattern with CF card)3.5inch disk 2HD/1.44MB,2DD(options)							
用戶程序數/Number of the user program	50							
循環程序數/Cycle program number	9							
馬達/Motor	伺服馬達550W/servomotor 550W							
重量/Weighe	機頭: 約160kg/Head: about160 kg 操作盤: 約0.6 kg/Operating panel:about 0.6kg 控制箱: 14.2-16.2 kg/control box:14.2-16.2 kg							
電源/Power	單相220V, 3相220V/380V/400V 500VA/Single phase 220V 3-phase 220V/380V/400V 500VA							
氣壓/Air pressure	0.5Mpa 1.8l/min							

## 耗電低，經濟實惠

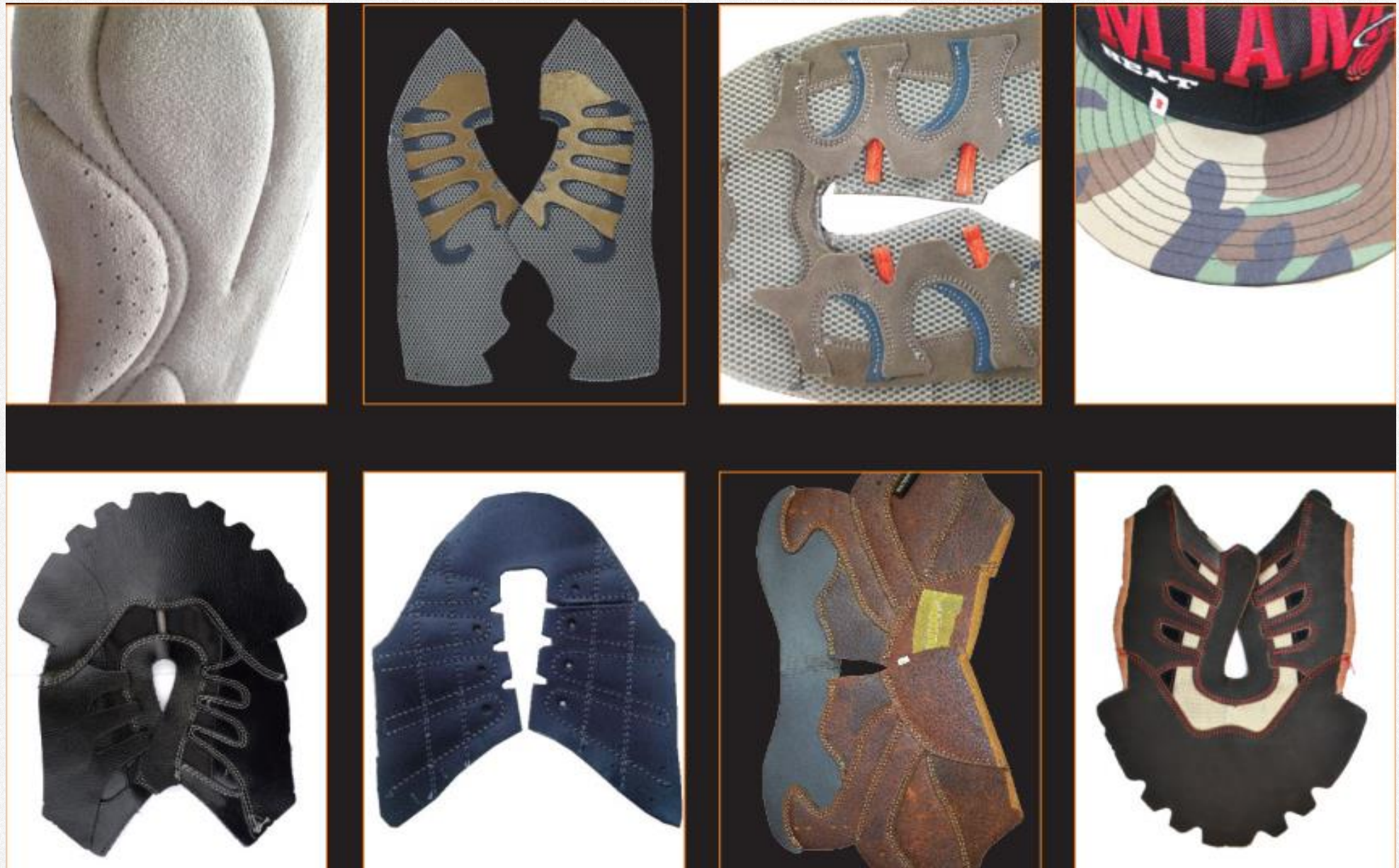
As it uses the small motor without transmission loss

直接驅動式可減少傳輸過程中的能量損耗，而且採用了瀚海公司自行開發的小型節能發動機。本設備是節能的花飾機，同時實現了高速縫紉和強大的機針貫穿力。

Direct Drive type reduces the power losses in transmission. Equipped with the mini-motor developed by hanhai this flriation machine achieved high speed and powerfui penetration force.



▶ HH-342G



# ▶ HH-6040G



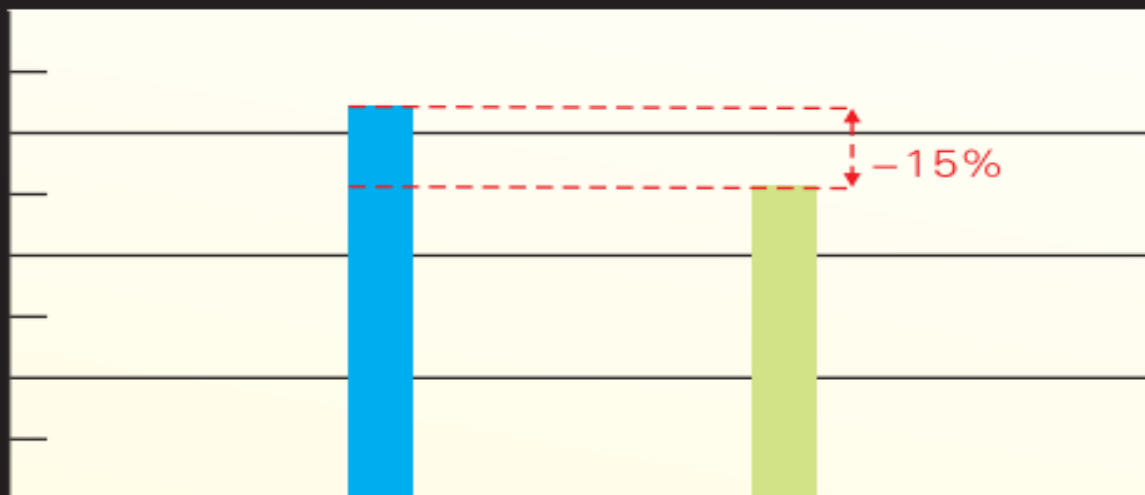
型號 Model	平縫 Flat Seam	2倍旋梭 Double Rotary Shuttle	縫紉面積 Sewing area	針距 Gauge	切綫裝置 Cutting device	掃綫裝置 Sweeping device	最高縫紉速度 Highest sewing speed	空氣消耗量 Air pressure
HH-6040G	★	2	600×400mm	0.05-12.7mm	★	★	2,700rpm	1.71 l/min
使用縫紉機/Use of sewing machine	平縫花飾縫紉機(2倍旋梭)/Flat-seam floriationsewing machine(2-times hook)							
綫迹/Line	單針平縫/Single-needle flat seam							
最高縫紉速度/Highest sewing speed	2,700rpm							
縫制區域(X*Y)/Sewing area(X*Y)	最大(Maximum) 600×400mm							
送布裝置/Clothar feedingdevice	間歇送布(脈衝馬達驅動)/Intermittent feeding(driven by pulse motor)							
針距/Gauge	0.05-12.7mm							
壓腳驅動/Presser foot drive	氣動/pneumatic							
壓腳高度/Presser foot Height	最大/Maximum 30mm							
兩步壓腳/2-step presserfoot	一體式壓腳/All-in-one presser foot							
間歇壓腳上升量 Raising amount by intermittent presser foot	22mm							
馬達/Motor	AC伺服馬達550W AC servomotor 550W							
重量/Weight	機頭: 約160kg, 操作面板: 約0.6kg, 控制箱: 14.2-16.2kg (根據出口國家不同) Head:about 160kg,Operating panel:about 0.6kg,Control box:about 14.2-16.2kg (various according to different countries)							
氣壓/Air pressure	單相220v,三相380v Single phase 220,three phase 380v							
電源/Power	0.5Mpa 1.81/min							

## 耗電低，經濟實惠

As it uses the small motor without transmission loss

直接驅動式可減少傳輸過程中的能量損耗，而且採用了瀚海公司自行開發的小型節能發動機。本設備是節能的花飾機，同時實現了高速縫紉和強大的機針貫穿力。

Direct Drive type reduces the power losses in transmission. Equipped with the mini-motor developed by hanhai this flriation machine achieved high speed and powerfui penetration force.



▶ HH-6040G



# Video

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# Video





## PART 4

### Advantages of HANHAI Machine

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# Strong, high speed and stable

Sewing speed can reach to the top speed 2700-2800rpm/min which is almost the highest speed in the world for pattern sewing machine, with strong feeding and stitching device, spare parts and precise needle position system which can ensure the beautiful sewing result during high speed sewing work.



# Digital cable gripper

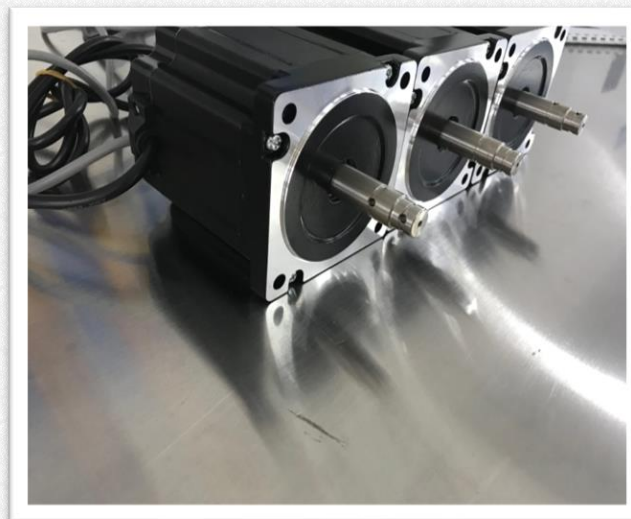
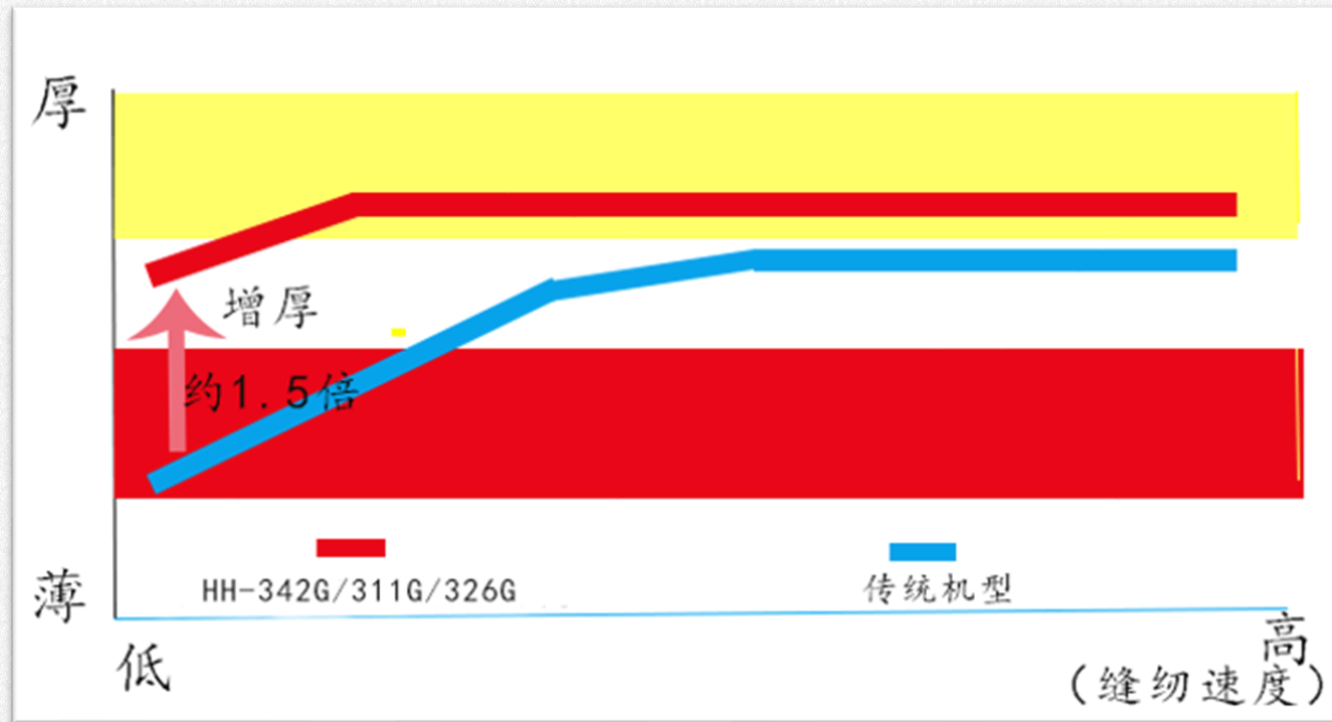
The upper and thread tension that was originally set by workers' feeling before, now is able to achieve stable sewing quality through numerical management by digital cable gripper. The thread breakage detection device can stop sewing and inform the operator when the thread is broken, which reduce the occurrence of defective products.



# Servo motor

We have not only adopted high-power motors, but also made efforts to achieve high efficiency and energy saving. You can get powerful needle penetration even with minimal power

瀚海缝纫机搭载550w大功率马达电机，可发挥出强大的针穿透力。当穿透阻力进一步增加时，通过振动控制（间歇性冲击），自动提升穿透力。



# 高效节能

瀚海电脑缝纫机在实现了高速缝制和强大针穿透力的基础之上。同时也做到了市场能耗最低的程序式电脑缝纫机。



# 调整作业简单

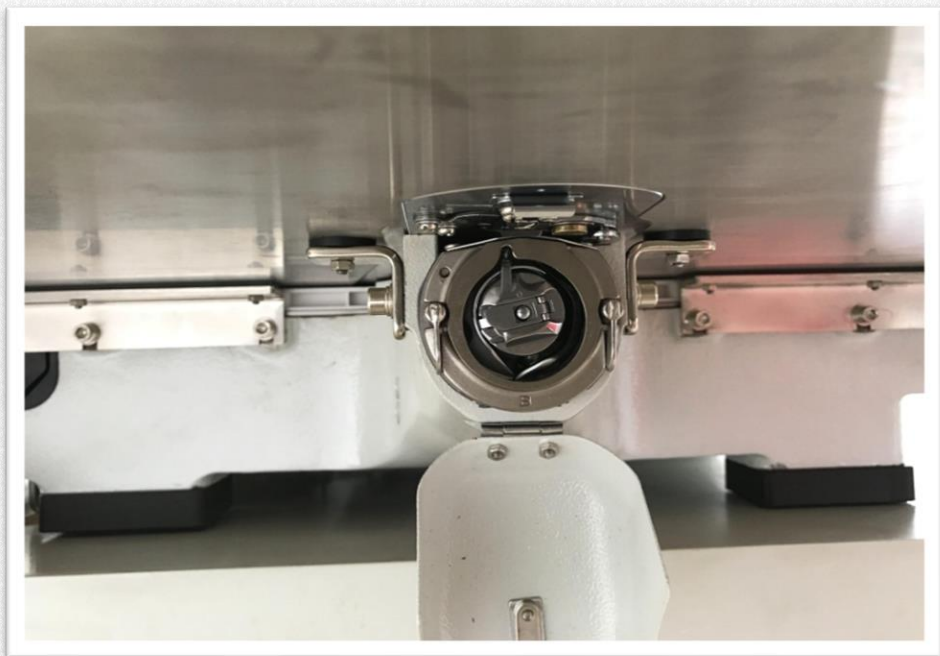
无需放倒缝纫机即可调整驱动相位。

可以减少面料改变后的调整时间，从而提高生产效率。



# 摆梭结构

瀚海优选日本广濑进口摆梭，优质电镀，耐磨抗热，不卡线不断线，平刀剪线，对于中厚料、厚料的收线及剪线效果会比较理想



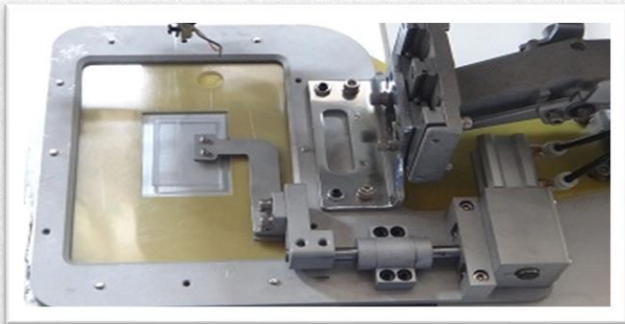
# 前按键面板操作结构



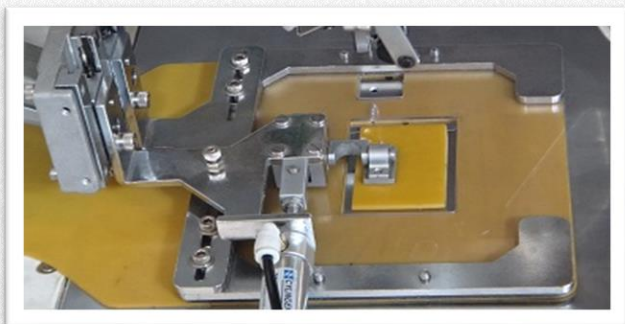
缝纫花样一目了然，缝制参数详细明了，大大提高编辑作业效率。



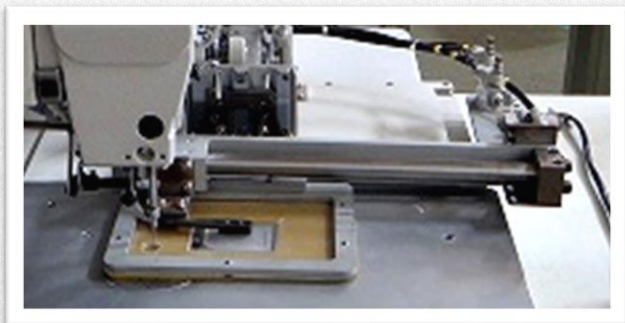
USB数据接口方便缝纫花样复制、转移、更改、存储



(1) 90度翻转压脚



(2) 180度翻转压脚

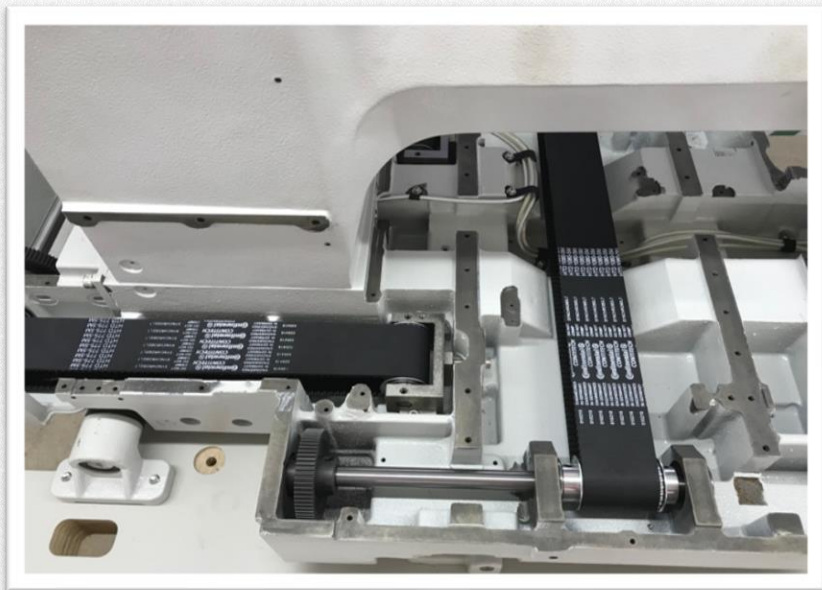


(3) 侧滑压脚

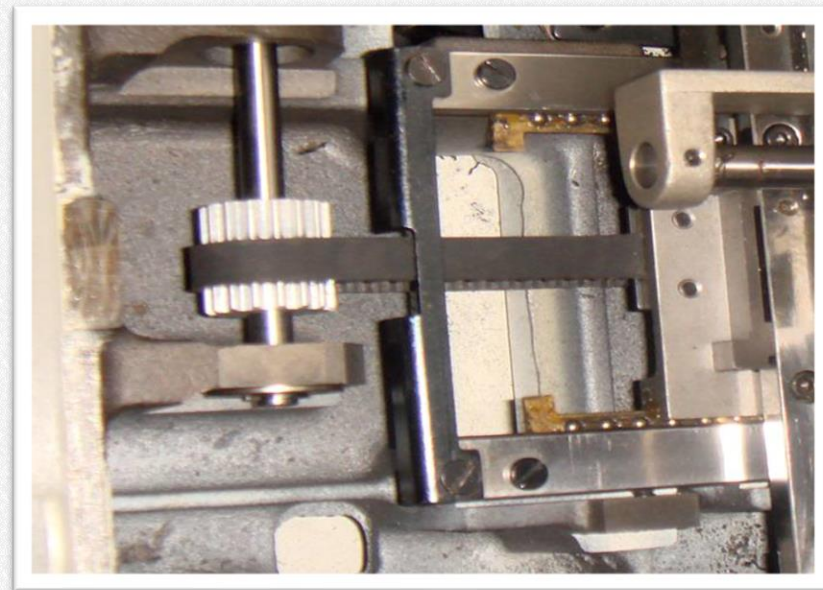
## 90度翻转/180度/ 侧滑压脚装置

以上几款装置是针对特殊工艺要求比较严格而设计的几款气动压脚装置，像软标等类型的，能起到比较好的压料效果，车缝效果比较平整。

# 导轨及同步带的对比



THK/CPC进口导轨，德国马牌/日本盖茨进口同步带宽度达到40mm，保证X、Y向运动的稳定，缝纫线迹的美观大方。



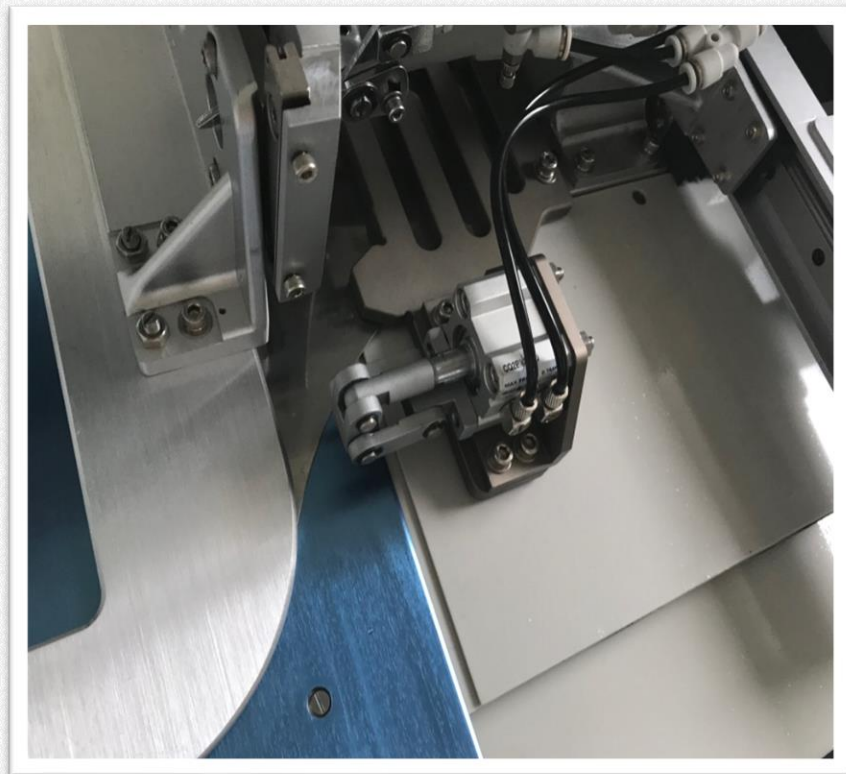
普通的滑轨，较窄普通同步带宽度只有10mm。

# 进口THK专用导轨

为了使导轨的寿命更长，机器运转更顺畅，我们选用了THK进口专用导轨，确定了导轨的导向精度，精度保持性，刚度以及低速运动平稳性



# 快速换模装置



当然，我们也为您配置了市面上最新的快速换模装置，让您减少宝贵的时间



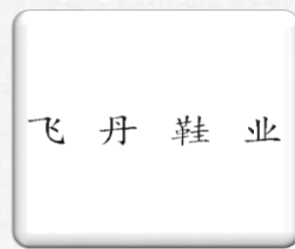
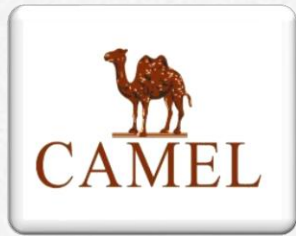
## PART 5

# Our Customers

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# 我们的合作伙伴

瀚海一直以来都始终保持着以诚为本，以精为本，以质为本，以客户为本的精神，获得了业界的一致好评，并与瀚海成为了密不可分的合作伙伴。





## PART 6

### 瀚海牌电脑花样机合作方案

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## 合作方式

- 1、根据甲方需求，乙方提供一组样机供甲方使用，试用期为一个月，一个月之内甲方使用不满意，乙方无条件退货。
- 2、试用期满一个月后，甲乙双方签订正式购销合同。

## 售后服务方式

- 1、乙方派遣技术团队进驻甲方工厂，对甲方人员进行电脑花样机的使用及维修保养进行培训及辅导，直至甲方人员熟练使用电脑花样机为止。
  - 2、乙方为甲方推荐一名电脑花样机专业技术师傅入职甲方工厂，月工资约为8000-10000之间。
- 以上两种方案甲方可任意选择一种。
- 3、如甲方电脑花样机需要维修或售后服务，乙方在一个工作日之内派遣售后团队至甲方处，直至问题解决。
  - 4、在协议期内，乙方负责向甲方人员提供模具制版及开发的培训服务，机器设备维修的培训服务，缝制工艺的优化培训服务，以上培训均不收取任何费用。
  - 5、自签订正式合同之日起，乙方对销售的电脑花样机一年内进行免费保修，易损件除外(针板、大斧、机针，等)。

## 电脑花样机的使用方式

- 1、乙方与甲方的开发部门直接对接，与开发部合作，对针车工艺进行适当调整，更适用于电脑花样机的使用，提高甲方工厂的工作效率，节省人工。
- 2、从甲方车间现有鞋样入手，根据鞋样直接打版，投入生产。

## 我方公司的优势

- 1、乙方厂址位于温州市双屿鞋都一期温金路820号，乙方作为专业电脑花样机生产厂家，在电脑花样机生产及开发领域有多年的技术积累，以及成熟的运营及售后团队，能充分保证甲方电脑花样机的成熟使用。
- 2、乙方与温州各大鞋企均有密切的合作，例如大东鞋业、旭达鞋业、意迈达鞋业、卓诗尼鞋业、帝邦鞋业等，以及福建的特步鞋业、361度鞋业。甲方如有需求，乙方可安排甲方人员参观各大鞋企关于乙方电脑花样机的使用情况。
- 3、乙方所生产的电脑花样机主要配件均采用行业内最优质进口配件



## PART 7

### 瀚海花样机前景展望

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## ▶ 瀚海花样机前景展望

1. 电脑花样机的性能其实很简单易懂，只需在鞋面多花些时间来设计与修改，都会让你感觉产生意想不到的结果。



2. 但在现有的个别工厂里却感觉是一件很困难的事情。随着市场的竞争与用工成本的增加及人员的欠缺，越来越多的工厂都会高效率地运用电脑花样机来提升公司产品的品质及价格竞争优势，使其工厂在市场上更有竞争力。



3. 所以到目前为止很多公司生产的产品样式只要能设计或修改成用电脑花样机车缝，并在使用的过程中只要采取一些适当的管理模式，那就会间接地产出很惊人的收益。



4. 随着未来中国产业升级及“中国制造2025”的来看，缝纫行业智能化自动化必将取代传统的手工操作，必将拥有广阔的应用空间。



# 2019

## 感谢您的观赏

瀚海机电科技有限公司

133,000

123,000

182,000

264,000

284,000