针织设备专业制造商
Knitting machine supplier

昌华科技
CHANGHUA

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智造未来
创新非凡

昌华科技
CHANGHUA

天王虎科技
TIANWANGHU

天工科技
TIAN GONG

我们力求引进社会中更丰裕的资本和更优秀的创新人才。

在思想观念方面，我们掌握先进的管理观念和方法,创新经营管理思维系统。

在知识技术方面，我们力求发展原创的创新技术成果，强调根据客户各自独特的需要提供整合的技术方案。

THE SPIRIT OF ORIGINALITY

Excellent innovative talents from the society.

Regarding the ideas and thinking,Xiangrui grasps the advanced management concept and method to innovate upon and manage the advanced manage-ment thinking system.

In the sector of intellectual technology,Xiangrui tries hard to develop the original innovation technology fruits.It emphasizes to offer an integrative tech-mical . iplan according to the respectively unique requirements from vast clients.

公司简介

　　常熟昌华智造科技有限公司位于服装产业的发源地—江苏常熟，发展至今长达20年，是一家大型且具一定规模的专业针织服装机械生产企业。

公司生产以横机、手套机和袜机为主的机器设备，名下现有"天工"、"天王虎"和"缪斯工匠"三大品牌。基于公司以"开拓和创新求发展，推动针织产业现代化为使命"的理念，不断在行业内探索寻求创新，目前获得了《一种电脑横机用机头调节机构》、《一种便于拆装的电脑横机用针板》等9项专利技术。

公司拥有一整套完善的制造体系，技术人才具有多年的机械产生研发经验，有训练有素的生产、售后服务的精英团队和雄厚的生产能力，应用了国际针服机械的先进技术，生产的机械设备功能齐全，性能稳定，以优异的价格和优秀的产品质量，深受客户满意。

常熟昌华智造科技有限公司拥有稳定的资源和储运设施，为拓展针织机械产品市场，满足客户需求，公司充分发挥营销人员对市场高度了解的优势，形成了一个遍及中国、印度、孟加拉、墨西哥等许多国家和东南亚、中东及欧美等地区的销售网络。

公司以质量和信誉求生存，以开拓和创新求发展，以推动针织产业现代化为使命，用独特的企业文化创建国内针织服装机械一流品牌。

COMPANY INTRODUCTION

Changshu Changhua Smart Manufacturing Technology CO.,LTD. is located in Changshu, Jiangsu, the birthplace of the clothing industry. It has been developed for 20 years and is a large and professional knitting clothing machinery production enterprise with a certain scale.

The company produces machines and equipment mainly for flat knitting, glove knitting, and sock knitting, and currently has three major brands under its name: "Tiangong", "Tianwanghu", and "Muse Craftsman". Based on the company's mission of "exploring and innovating for development, promoting the modernization of the knitting industry", we continuously explore and seek innovation in the industry. Currently, we have obtained 9 patented technologies, including " Head with Adjustment Mechanism for Computer Flat Knitting Machines" and " Needle Plate on Computer Flat Knitting Machines is easy to Disassemble.".

The company has a complete and comprehensive manufacturing system, with years of experience in mechanical research and development, a well-trained elite team for production and after-sales service, and strong production capacity. It applies advanced technology from international needle clothing machinery, and produces machinery with complete functions and stable performance. With excellent prices and product quality, it is deeply satisfied by customers.

Changshu Changhua Smart Manufacturing Technology CO.,LTD. has stable resources and storage and transportation facilities. In order to expand the knitting machinery product market and meet customer needs, the company fully utilizes the advantages of marketing personnel's high understanding of the market, forming a sales network covering many countries such as China, India, Bangladesh, Mexico, as well as Southeast Asia, the Middle East, Europe and America.

The company strives for survival through quality and reputation, development through exploration and innovation, and modernization of the knitting industry as its mission. With a unique corporate culture, it creates a first-class brand of domestic knitting clothing machinery.

昌华科技
CHANGHUA

精准布局市场 **ACCURATE**

精准的市场定位，每项生产每项服务都能够得到客户最大的认可；

全员认真的工作态度，注重细节，高要求，高质量地对待每一项工作；

细致严谨的工作作风和简洁谐调的文化氛围，带动员工制造完美的产品；

It makes the accurate market positioning so that every time of production and service can get maximum approval from vast clients.

All the employees have the rigorous work attitudes. We lay great Im portant upon every detail with high requirements.We treat each item of the work with high quality.

The careful and rigorous work style,the concise and hrmonious cultural atmosphere promote the employees to manufacture the perfect products.

1、整理seiri

2、整顿seiton

3、清扫seisu

4、清洁seiketsu

5、素养shitsuke

6、安全safety

6S 管理

SCIENTIFIC MANAGEMENT OF PRODUCTION科学管理生产

WIN-WIN WITH EMPLOYEES 与员工共赢

企业与员工共赢才是真正意义上最大的赢。我们认为，企业要发展长青，需要的是集体的力量与智慧，与员工同甘苦共分享，成就企业的同时成就员工。

Double-with with the employees: Double-with the enterprise and the Double-with with the employees: Double-with the enterprise and the enterprise wants evergreen developments，it requires the collective strength and intelligence. We shall share joy and sorrow with all the employees. At the same time of the enterprise ,S gaining the success, the employees also fulfill their dreams.

WIN-WIN WITH CUSTOMERS 与客户共赢

紧紧抓住了国家大力发展技术密集型产业的政策机遇，扩大同客户之间的合作，在发展自身行业领先地位的同时，为客户提供最具价值的产品，谋求和客户最大的共赢。

Double-win with the clients: Xiangrui tightly grasps the policy opportunity that china is vigorously developing the technology intensive type industries .It expands the cooperation with the customers.At the same time of developing its own leading position in the same industry,it provides the clients with the most valuable products. |t seeks maximum double -win with extensive customers.
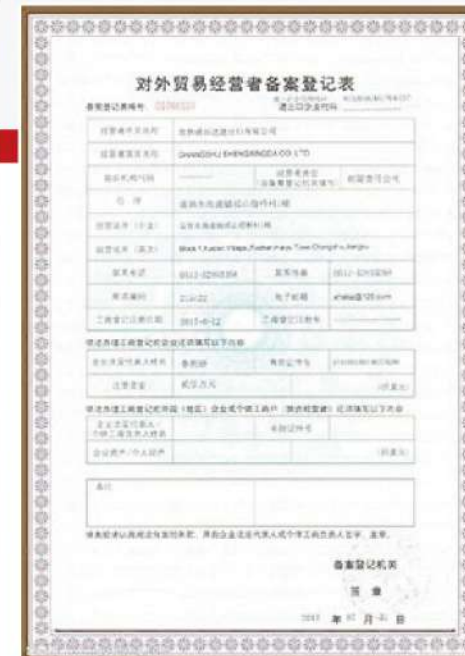
品牌荣誉

Brand honor

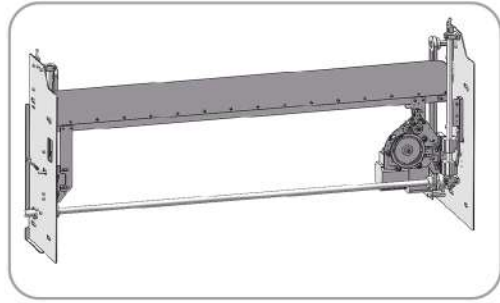珍视走过的每一段坚实足迹，用更多荣誉，见证成长的力量。

"用更多努力，迎接新的挑战。

每一座奖杯，在一次起航.....................

CONTENTS 产品目录

PRODUCT 产品介绍
# INTRODUCTION

零废纱起底板装置
NON WASTE YARN COMB DEVICE

产品特点 | PRODUCT FEATURES

核心技术:零间纱、零废纱、零人工;"智能、节能、高效"。	Core Technology: zero Intermediate Yarn, Zero Waste Yarn, and Zero Manual Work.Features:Intelligence, Energy Conservation, High Efficiency.
核心价值:为针织行业用户提高经济效益。	Core value: Improve economic benefits for users in the knitting industry.
投资回报率:投资少回报快。	ROI: Less investment returns faster.

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Gauge 针距	5G、57G、7G、8G、9G、10G、12G、14G、16G
Carriage 机头	Single System,Double System,Three System 单系统、双系统、三系统
Knitting width 编织幅宽	52"、56"、60"、66"、72"、80"、100"

Specification and configurations should be subjected to the contract with customer.
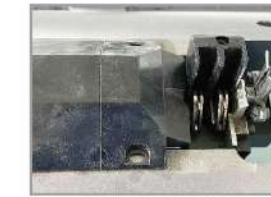
1.Provides stable traction, makes the garment piece tissue tension more uniform, reliable,and can realize the automatic bottoming of the zero-interval yarn.
提供稳定的牵引力,使衣片组织拉力更均匀,力度可靠,可实现零间纱自动起底。

2.High precision step motor is used for wire feeding, and servo motor is used to control up and down pulling position to make the position more stable.
用高精度步进电机送丝,用伺服电机控制上下牵拉位置更稳定。

3.The device equipped with 2 clips and 1 scissors on both sides.
左右各配两个夹子和一把剪刀。

自动复位超灵敏智能探针 Super-sensitive automatic reset probe

1. Automatic reset function, which ensures any deviation of the probe can be reset automatically regardless of the area.
自动复位功能,保证探针在任何区域碰歪,都能自动扶正。

2. A new innovative design of two-point induction guarantees immediately stop alarm when touching floating cloth or occurs any broken needles.
用双点感应的创新设计确保探针碰到浮片或坏针立即报警停车,实现探针感应超灵敏性能。

3. Super-sensitive automatic reset probe only works in current weaving width area, no false alarm beyond this. Freely operation, energy efficiency.
自动复位超灵敏智能探针器在当前编织幅宽内报警,编织区外任何区域不误报,让您操作自如,节能高效。

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智跑式纱嘴
MOTORIZED FEEDER

产品特点 | PRODUCT FEATURES

中文	English
采用驱控一体伺服电机，纱嘴独立控制，实时性强，速度更快，更稳定。	Drive and control integrated servo motor,yarn carrier with independent control, real-time,faster and more stable.
伺服柔性算法，启停快，位置精准。	Servo flexible algorithm, fast start and stop, precise position.
纱嘴自动避让技术，系统自动计算纱嘴停放位置，无需机头踢纱，极大节省编织行程。	Feeder collision avoidance technology; the system automatically calculates the parking position of yarn carrier,without need to kick the yarn,greatly saving the knitting length.
支持多达16把纱嘴，纱嘴自动排列。	Support 32 yarn feeders that are automatically arranged.
同行多色坎毛技术，机头无需回转，通过纱嘴实现多色坎毛效果。	Same-line multi-color plaiting technology,no need for head rotation; Automatic switch of the yarn carriage realizes the multi-color plaiting effect.
同行单针坎毛技术，机头无需回转，通过纱嘴实现单针坎毛效果。	Same-line single needle plaiting technology, no need for head rotation;Automatic switch of the yarn carriage realizes -the multi-color plaiting effect.

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产品参数 | PRODUCT SPECIFICATION

Gauge 针型	5G、57G、7G、8G、9G、10G、12G、14G、16G
Carriage 机头	Double System,Three System 双系统、三系统
Knitting width 编织幅宽	52"、56"、60"、66"、72"、80"、100"

Specification and configurations should be subjected to the contract with customer. 规格配置以合同为准

THREE SYSTEM CARRIAGE

DOUBLE SYSTEM CARRIAGE

SIMPLE DOUBLE SYSTEM CARRIAGE

SINGLE SYSTEM CARRIAGE

CARRIAGE 机头

Linear velocity of the head can reach 1.6m/s.The stroke can be adjusted according the weaving the weaving width. Fast response and accurate location can avoid the invalid movements and increase the production efficiency. Each system is equipped with five functions as rib transfer, weaving, hangging head, non-weave and pin. In addition, it is secured by short-circuited electromagnetism, motor overcurrent. Locked-Rotor, etc...

机头速度最高可达1.6m/s，可根据编织宽度对机头行程进行自动调整，反应快速，定位精准，避免了无效的移动，最大程度的提高了机器的生产效率，每个系统具备翻针、编织、吊目、不织、接针五大功能，还具有电磁铁短路，电机过流，堵转等保护功能。
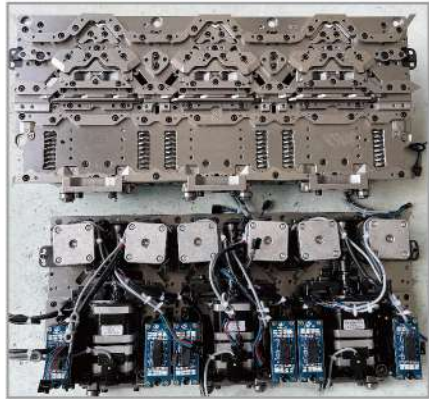
NEEDLE BED 针床

Split design, insert part fits with the needle are made of imported steel through fine blanking and grinding, which reduces the wear and tear of the stitches, decreases the resistance of the stitches, and effectively improves the knitting efficiency.

分本设计，与针磨合部分的插片采用进口钢材经精冲与研磨制造而成，减少与针脚的磨损，降低针脚阻力，有效提高了编织效率。

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送纱器
YARN FEEDER

DYNAMIC STITCH 动态度目

It supports multi-segment stitch control of patterns in one line, realizes the weaving of multiple fabrics with different densities in the same line, and further improves weaving efficiency and diversity of the weaving forms.

支持花型在一行内实现多段度目控制，实现同行多种不同密度的织物编织，进一步提高编织效率以及编织形式的多样性。

High-speed and High-efficiency　高速高效

AUTOMATIC REFUELING 自动加油

In order to make the machine work better, we have developed 24-hours intelligent system for automatic refueling.

自动加油，二十四小时智能呵护机器（全电脑控制）

POSITIVE YARN FEEDER 滚筒送纱器

Positive yarn providing, successfully reduce yarn resistance, increase knitting efficiency.

积极送纱器能有效减少输送纱线时的阻力，特别适用于弹性较差或者脆性较大的织物，如羊绒、免绒等纱线的织物，使织物组织均匀，提高机器纺织效率。
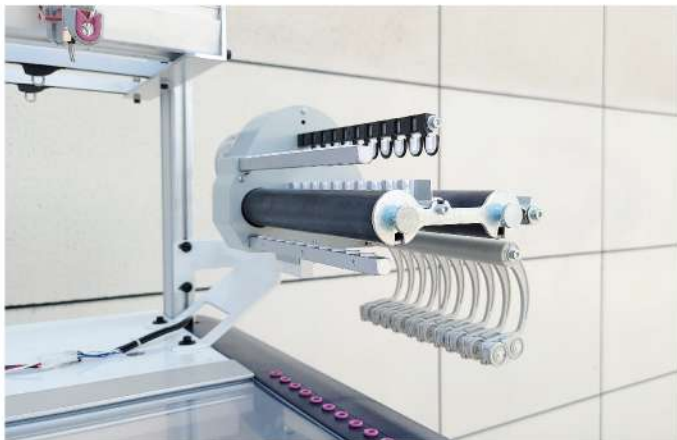
YARN STORAGE DEVICE
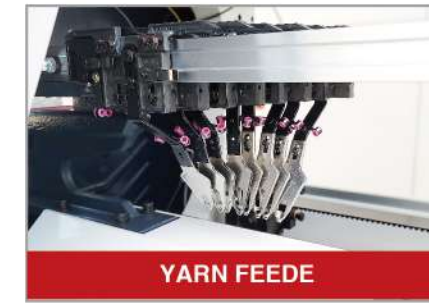
YARN FEEDE

WEFT STORAGE DEVICE

DISPLAY SCREEN WITH KEYBOARD
带键盘的操作显示屏

It adopts industry LCD display with graphic touch control, multi-color, all time monitoring function. The data of the knitting amount, time, speed, roller, stitch, yarn feeder, etc... is clearly shown and can be adjusted in the process. It is most convenient and efficient way to amend the data.

采用LCD工业显示器，显示器图形化界面，彩色显示，工作时可显示编织件数、完成件数、编织时间、速度、罗拉、度目、纱嘴等各种工作参数，并在机器运转时能随时进行调整所需数据，最大限度方便操作及节约时间，使您在关注织物的同时输入机器指令，方便在机器上修改工作参数及改变花型。

全成型电脑横机

WHOLE GARMENT

Gauge 针型	6.2G、7.2G、9.2G、10.2G、13.2G
Knitting width 编织幅宽	72,80 inch
Knitting system 编织系统	WHOLE GARMENT SYSTEM 全成型系统
Knitting speed 编织速度	Controlled by servo-motor with 128sections optional, max speed reach 1.6m/s. 通过AC伺服电机控制，128段选择，最高速度可达1.6米/秒。
Knitting function编织功能	Pointelle,tuck,intarsia,full needle ,all kinds of jacquard,apparent shape,open needle,hidden shape and so on. 实现挑孔、吊目、嵌花、四平、各类提花、明收针、明放针、暗收针、夹丝、衬纬等各类组织以及全成型衣服。
Racking 摇床	Controlled by servo-motor racking within 2 inches and with fine adjusting function. Transfer and knit occurs synchronous, more efficient. 采用AC伺服马达控制，移针范围达2英寸，同时具有精确的微调功能。翻针编织同步进行，效率更高。
Stitch density 线圈密度	Controlled by stepping motor, 128 section stitch select-able adjustable scope supported by subdivision technology: 0-650, the stitch of the knitwear can be accurately controlled. 步进马达控制，128段密度选择，采用细分基数，可调范围:0~650度，更能准确地控制片衣长短。
Dynamic stitch 动态度目	Using high speed stepping motor, multi-stitch function can be achieved in one line. 高速步进电机实现，支持在花型一行内实现多段可变密度计控制，实现同行多种密度的织物编织，丰富编织花型。
Needle selection 选针系统	Advanced encoder reading pin.8-stage selecting needle setup composed of special electromagnet is regarded as efficient full width jacquard needle selector.which can be installed or removed simply from the carriage and maintained easily. 采用先进的编码器，配备8段特殊精密选针器，每组选针器皆从机头外侧拆卸，易于维护与保养。
Transfer system 翻针系统	Combined design, single or double cam system all can transfer together or separately. Also one cam do transfer , another cam system for knitting, which will achieve high production. 三角复合设计，可单独或同时翻针，从而提高生产效率。
Sinker system 沉降片系统	Controlled by stepping motor, adjustable to different knitwear, up to be various results of shaping and patterns. 电子步进电机微调控制沉降片系统，可依纱的材质调整参数设定。
Quickly turning 快速回转	Intelligent switching braiding system improves machine weaving efficiency. 智能切换编织系统提高编织效率。
Take-down system 卷布系统	The transverse tension and front and rear bed are separately controlled. It can realize the independent control of a variety of pulling forces and front and rear beds in one line, and meet the pulling force requirements of different organizations. It is a necessary configuration for whole garment. 拉力横向及前后床分段单独控制，可实现一行里面多种拉力及前后床独立控制，满足不同组织的拉力需求，是做高端全成型衣服的必要配置。
Color-changing system换色系统	2×8 yarn feeders on each side of 4 guide rails, shift able on any needle position; Motorized Feeder(Optional). 4根导轨2*8把纱嘴，可在针床的任何位置移动；智跑纱嘴（选装）。
Yarn feeder device 送纱装置	Accurately control the tension of the yarn and ensure the consistency of the whole woven piece quality. 精确控制织线的张力，确保整体织片质量的一致性。
Non waste yarn Comb device 零废纱起底板	The device equipped with 2 clips and 1 scissors on both sides. High precision step motor is used for wire feeding, and servo motor is used to control up and down. 左右各配两个夹子和一把剪刀，用高精度步进电机送丝，用伺服电机控制上下。
Protection system 保护系统	The machine will automatically alarm if yarn-breaking, knots, floating yarn, rewind, end of knitting, fail of racking, needle breakage, error programming occur, also set up the safety auto-lock protect device. 当断纱，结头，浮纱，倒卷，片数结束，移床未归，撞针脚或程序错误时机器报警就会启动，并设置安全自动锁定保护装置。
Control system 控制系统	1.LCD industrial display, Can display various parameters, which can be adjustable during operation. 2.USB memory interface,System memory 2G. 3.Free design system is visual and easy to understand and software upgrade free of charge. 4.Support multi-language operation as Chinese and English, Spanish, Russian etc. 1.机器运行时可随时显示各种运行参数，并可进行调整，使操作尽可能方便，省时。 2.扩展内存高达2G。 3.设计系统和控制系统(软件)易于免费更新。 4.多语言操作系统，有中文，英文，西班牙语和俄语等等。
Refueling device自动加油装置	Automatic refueling: Control the refueling time and frequency by setting the time. The oil pump lubricate the jack and long jack needle on the needle bed automatically to reduce the wear of the machine and increase its service life. 自动加油：通过设定时间及频率，油泵自动给针板上的长针弹簧针加润滑油，减少机器磨损，增加使用寿命。
Network function 网络功能	Automatic refueling: Control the refueling time and frequency by setting the time. The oil pump lubricate the jack and long jack needle on the needle bed automatically to reduce the wear of the machine and increase its service life. 自动加油：通过设定时间及频率，油泵自动给针板上的长针弹簧针加润滑油，减少机器磨损，增加使用寿命。
Power supply 电源装置	Single-phase 220V/three-phase 380V,adopt advanced CMOS technology, having memorizing function at power shock stop. 单相220V/三相380V，采用先进的CMOS技术，实现停电记忆、来电恢复编织功能。
Volume and weight 机器尺寸及重量	3500*1000*1800mm,1450kgs(72inch) ;3700*1000*1800mm,1500kgs(80inch)

产品特点 | PRODUCT FEATURES

5.0英寸全电机编码器小机头：效率高，稳定性好，异常报警，杜绝撞针。	5.0 inch motor control small carriage: High efficiency, good stability, alarm when abnormal, prevent needle crash.
全成型组合罗拉：拉力横向及前后床分段单独控制，可实现一行里面多种拉力及前后床独立控制，满足不同组织的拉力需求，是做高端全成型衣服的必要配置。	Fully formed combined roller:The transverse tension and front and rear bed are separately controlled. It can realize the independent control of a variety of pulling forces and front and rear beds in one line, and meet the pulling force requirements of different organizations. It is a necessary configuration for whole garment.
双向收针：同一行左右两边同时收针，高速高效。	Bilateral needle closure: The left and right sides of the same row receive the needle at the same time, high speed and efficiency.
动态度目：单行度目多次可变，编织花型更加丰富。	Dynamic density: Different stitch in one row
强制脱圈：一键开启，解决包头针。	Force loop-off technology: Avoid stitch missing problem
摇床零等待：翻针编织同步进行，效率更高。	Zero waiting racking: Transfer and knit occurs synchronous, more efficient.
各类组织：实现挑孔、吊目、嵌花、四平、各类提花、明收针、明放针、暗收针、夹丝、衬纬等各类组织以及全成型衣服。	Various kinds of knitting: Pointelle,tuck,intarsia,full needle , all kinds of jacquard,apparent shape,open needle,hidden shape and so on
适用性广：使用羊毛、羊绒、棉、化纤、真丝及各类混纺纱线。	Wide application: Use wool, cashmere, cotton, chemical fiber, silk and all kinds of blended yarn.
寿命更长：针板自动加油，减少针与山板磨损，延长使用寿命。	Longer life: Needle plate is oiled automatically to reduce the wear between needle and needle bed and prolong service life.

双系统电脑横机
DOUBLE SYSTEM

Different outlook available 可选配外观

产品特点 | PRODUCT FEATURES

双系统，高位罗拉、高性能沉降片、动态度目、电机换向，采用数字化技术，高速高效，实现挑孔、吊目、嵌花、四平、提花、明收针、暗收针、以及其他无规则花型编织功能。适用于羊毛、羊绒、棉、化纤、真丝以及各类混纺纱线，生产毛衫、毛毯、围巾、帽子以及服装附件。

Double system has high roller, high-performance sinker, dynamic stitch, motor control reserving carriage,digital technology, high-speed and efficient, to achieve pointelle, tuck, jacquard, intarsia, full needle jacquard, apparent shape, hidden shape, and other irregular patterns. suitable for wool, cashmere, cotton, chemical fiber, silk and all kinds of blended yarn, the production of sweaters, blanket, scarfs, gloves, hats and knitted apparel accessories.

产品参数 | PRODUCT SPECIFICATION

Gauge 针型	3G、3.5G、5G、5/7G、7G、8G、9G、10G、12G、14G、16G、18G
Knitting width 编织幅宽	52,60,66,72,80,100inch
Knitting system 编织系统	Double system 双系统 Double carriage double system(optional) 2+2双头双系统
Knitting speed 编织速度	Controlled by servo-motor with 32 sections optional, max speed reach 1.6m/s. 通过AC伺服电机控制，32段选择，最高速度可达1.6米/秒。
Knitting function编织功能	Knit, miss, tuck, transfer, pointel, intarsia, jacquard, apparent or hide shaping and other regular or irregular patterns. 提花、吊目、翻针、挑孔、明收针、暗收针及其他规则花型编织。
Racking 摇床	Controlled by servo-motor racking within 2 inches and with fine adjusting function. 采用AC伺服马达控制，移针范围达2英寸，同时具有精确的微调功能。
Stitch density 线圈密度	Controlled by stepping motor, 32 section stitch select-able adjustable scope supported by subdivision technology: 0-650, the stitch of the knitwear can be accurately controlled. 步进马达控制，32段密度选择，采用细分基数，可调范围：0~650度，更能准确地控制片衣长短。
Dynamic stitch 动态度目	Using high speed stepping motor, multi-stitch function can be achieved in one line. 高速步进电机实现，支持在花型一行内实现多段可变度目控制，实现同行多种密度的织物编织，丰富编织花型。
Needle selection 选针系统	Advanced encoder reading pin.8-stage selecting needle setup composed of special electromagnet is regarded as efficient full width jacquard needle selector.which can be installed or removed simply from the carriage and maintained easily. 采用先进的编码器，配备8段特殊精密选针器，每组选针器皆可在机头外侧装卸，易于维护及保养。
Transfer system 翻针系统	Combined design, single or double cam system all can transfer together or separately. Also one cam do transfer , another cam system for knitting, which will achieve high production. 三角复合设计，可单独或同时翻针，从而提高生产效率。
Sinker system 沉降片系统	Controlled by stepping motor, adjustable to different knitwear, up to be various results of shaping and patterns. 电子步进电机微调控制沉降片系统，可依纱的材质调整参数设定。
Quickly turning 快速回转	Intelligent switching braiding system improves machine weaving efficiency. 智能切换编织系统提高编织效率。
Take-down system 卷布系统	Infrared alarm,Computer programs instruction, stepper motor control,32-stagetension selection with an adjustable range between0-100. 红外线报警，电脑程序指令，步进马达控制，32段拉力选择，可调范围:0-100
Color-changing system换色系统	2×8 yarn feeders on each side of 4 guide rails, shift able on any needle position. 4根导轨2*8把纱嘴，可在针床的任何位置移动。
Yarn feeder device 送纱装置	Accurately control the tension of the yarn and ensure the consistency of the whole woven piece quality. 精确控制纱线的张力，确保整体织片质量的一致性 3G-10G Adopts roller feeding device; 3-10G采用滚筒送纱器。12G-18G Adopts the yarn storage device; 12-18G采用储纱器。
Protection system 保护系统	The machine will automatically alarm if yarn-breaking, knots, floating yarn, rewind, end of knitting, fail of racking, needle breakage, error programming occur, also set up the safety auto-lock protect device. 当断纱，结头，浮纱，倒卷，片数束，移床未归，撞针脚或程序错误时机器报警系统将启动，并设置安全自动锁定保护装置。
Control system 控制系统	1. LCD industrial display, Can display various parameters, which can be adjustable during operation. 2. USB memory interface,System memory 2G. 3. Free design system is visual and easy to understand and software upgrade free of charge. 4. Support multi-language operation as Chinese and English, Spanish, Russian etc. 1. 机器运行时可随时显示各种运行参数，并可进行调整，使操作尽可能方便，省时。 2. 扩展内存高达2G。 3. 设计系统和控制系统(软件)易于免费更新。 4. 多语言操作系统，有中文，英文，西班牙语和俄语等等。
Refueling device自动加油装置	Automatic refueling: Control the refueling time and frequency by setting the time. The oil pump lubricate the jack and long jack needle on the needle bed automatically to reduce the wear of the machine and increase its service life. 自动加油；通过设定时间及频率，油泵自动给针板上的长针弹簧针加润滑油，减少机器磨损，增加使用寿命。
Network function 网络功能	Has network interface,enable remote-monitoring via network,and connecting with ERP system. 高速网络，编织数据可上传下载和共享，可连接ERP。
Power supply 电源装置	Single-phase 220V/three-phase 380V,adopt advanced CMOS technology, having memorizing function at power shock stop. 单相220V/三相380V，采用先进的CMOS技术，实现停电记忆、来电恢复编织功能。
Non waste yarn Comb device 零废纱起底板	Non waste yarn Comb device （Optional) 零废纱起底板(选装）
Volume and weight 机器尺寸及重量	3000*1000*1800mm,1050kgs(52inch)

三系统电脑横机
THREE SYSTEM

Different outlook available 可选配外观

Different outlook available 可选配外观

产品特点 | PRODUCT FEATURES

三系统，三系统，该系列为有起底板和无起底板装置两种全自动电脑横机，采用数字化技术，实现横机的翻针、吊目、挑孔、提花、明收针及其它规则花型编织功能。可编织基本针织组织（四平、单面等）多色无规则提花、绞花等纬编组织。适用于真丝、绢丝、合纤丝、羊毛、腈纶、混纺、纱线等原料编织毛衫成衣、毛毯、围巾、帽子以及服装附件。

Three system, this series have two models: with comb and without comb, with digital technology, it could implement the rib transfer jacquard, needle narrowing and other weaving functions. also, it can knit basic knitting (full needle, single side) the weft knitted fabric like cable stitch. this applies to spun silk, synthetic filament, wool, acrylic, blending yarn and other materials, sweaters, blanket, scarfs, hats and clothing accessories.

产品参数 | PRODUCT SPECIFICATION

Gauge 针型	5G、5/7G、7G、8G、9G、10G、12G、14G、16G、18G
Knitting width 编织幅宽	52,60,66,72,80,100inch
Knitting system 编织系统	Three system 三系统 Double carriage three system(optional) 3+3双头三系统
Knitting speed 编织速度	Controlled by servo-motor with 32 sections optional, max speed reach 1.6m/s. 通过AC伺服电机控制，32段选择，最高速度可达1.6米/秒。
Knitting function编织功能	Knit, miss, tuck, transfer, pointel, intarsia, jacquard, apparent or hide shaping and other regular or irregular patterns. 提花、吊目、翻针、挑孔、明收针、暗收针及其他规则花型编织。
Racking 摇床	Controlled by servo-motor racking within 2 inches and with fine adjusting function. 采用AC伺服马达控制，移针范围达2英寸，同时具有精确的微调功能。
Stitch density 线圈密度	Controlled by stepping motor, 32 section stitch select-able adjustable scope supported by subdivision technology: 0-650, the stitch of the knitwear can be accurately controlled. 步进马达控制，32段密度选择，采用细分基数，可调范围：0-650度，更能准确地控制片衣长短。
Dynamic stitch 动态度目	Using high speed stepping motor, multi-stitch function can be achieved in one line. 高速步进电机实现，支持在花型一行内实现多段可变度目控制，实现同行多种密度的织物编织，丰富编织花型。
Needle selection 选针系统	Advanced encoder reading pin.8-stage selecting needle setup composed of special electromagnet is regarded as efficient full width jacquard needle selector.which can be installed or removed simply from the carriage and maintained easily. 采用先进的编码器，配备8段特殊精密选针器，每组选针器皆可在机头外侧装卸，易于维护与保养。
Transfer system 翻针系统	Combined design, single or double cam system all can transfer together or separately. Also one cam do transfer , another cam system for knitting, which will achieve high production. 三角复合设计，可单独或同时翻针，从而提高生产效率。
Sinker system 沉降片系统	Controlled by stepping motor, adjustable to different knitwear, up to be various results of shaping and patterns. 电子步进电机微调控制沉降片系统，可依纱的材质调整参数设定。
Quickly turning 快速回转	Intelligent switching braiding system improves machine weaving efficiency. 智能切换编织系统提高编织效率。
Take-down system 卷布系统	Infrared alarm,Computer programs instruction, stepper motor control,32-stagetension selection with an adjustable range between0-100. 红外线报警，电脑程序指令，步进马达控制，32段拉力选择，可调范围:0-100
Color-changing system换色系统	2×8 yarn feeders on each side of 4 guide rails, shift able on any needle position. 4根导轨2*8把纱嘴，可在针床的任何位置移动。
Yarn feeder device 送纱装置	AAccurately control the tension of the yarn and ensure the consistency of the whole woven piece quality. 精确控制纱线的张力，确保整体织片质量的一致性 3G-10G Adopts roller feeding device; 3-10G采用滚筒送纱器。 12G-18G Adopts the yarn storage device; 12-18G采用储纱器。
Protection system 保护系统	The machine will automatically alarm if yarn-breaking, knots, floating yarn, rewind, end of knitting, fail of racking, needle breakage, error programming occur, also set up the safety auto-lock protect device. 当断纱，结头，浮纱，倒卷，片数结束，移床未归，撞针脚或程序错误时机器报警系统将启动，并设置安全自动锁定保护装置。
Control system 控制系统	1. LCD industrial display, Can display various parameters, which can be adjustable during operation. 2. USB memory interface,System memory 2G. 3. Free design system is visual and easy to understand and software upgrade free of charge. 4. Support multi-language operation as Chinese and English, Spanish, Russian etc. 1. 机器运行时可随时显示各种参数，并可进行调整，使操作更方便，省时。　2.扩展内存高达2G。 3. 设计系统和控制系统(软件) 易于免费更新。　4. 多语言操作系统，有中文，英文，西班牙语和俄语等等。
Refueling device自动加油装置	Automatic refueling: Control the refueling time and frequency by setting the time. The oil pump lubricate the jack and long jack needle on the needle bed automatically to reduce the wear of the machine and increase its service life. 自动加油：通过设定时间及频率，油泵自动给针板上的长针弹簧针加润滑油，减少机器磨损，增加使用寿命。
Network function 网络功能	Has network interface,enable remote-monitoring via network,and connecting with ERP system. 高速网络，编织数据可上传下载和共享，可连接ERP。
Power supply 电源装置	Single-phase 220V/three-phase 380V,adopt advanced CMOS technology, having memorizing function at power shock stop. 单相220V/三相380V，采用先进的CMOS技术，实现停电记忆、来电恢复编织功能。
Non waste yarn Comb device 零废纱起底板	Non waste yarn Comb device （Optional) 零废纱起底板(选装）
Volume and weight 机器尺寸及重量	3000*1000*1800mm,1150kgs(52inch) ;3300*1000*1800mm,1250kgs(60inch) 3500*1000*1800mm,1350kgs(72inch) ;3700*1000*1800mm,1450kgs(80inch)

直双系统电脑横机
SIMPLE DOUBLE SYSTEM

产品特点 | PRODUCT FEATURES

直双系统电脑横机，针板为一体铣板。可选装插片型，可选装零废纱装置。采用数字技术，可以实现横机的翻针，挑孔，吊目，嵌花，无虚线提花，四平提花，明收针，暗收针，以及其他有规则花型。开始编织前，可以自动扫描编织文件，选择适合花型的系统，真正实现提供机头快速回转，高速高效。

The single-system flat knitting machine with milling type needle bed. Insert type needle bed(optional). non-waste yarn COMB device(optional). This series adopts digital technology, which can realize the functions of transfer, tuck, hole picking, jacquard, needle narrowing, and other regular pattern knitting functions of the flat knitting machine.The machine can automatically scan the knitting file before starting knitting and automatically select the system suitable for the pattern, thus genuinely realizing the fast rotation of the machine carriage with high speed and high efficiency.

产品参数 | PRODUCT SPECIFICATION

Gauge 针型	7G、9G、10G、12G、14G、16G
Knitting width 编织幅宽	52,60,80,100inch
Knitting system 编织系统	Simple double system 直双系统
Knitting speed 编织速度	Controlled by servo-motor with 32 sections optional, max speed reach 1.6m/s. 通过AC伺服电机控制，32段选择，最高速度可达1.6米/秒。
Knitting function编织功能	Knit, miss, tuck, transfer, pointel, intarsia, jacquard, apparent or hide shaping and other regular or irregular patterns. 提花，吊目，翻针，挑孔，明收针，暗收针及其他规则花型编织。
Racking 摇床	Controlled by servo-motor racking within 2 inches and with fine adjusting function. 采用AC伺服马达控制，移针范围达2英寸，同时具有精确的微调功能。
Stitch density 线圈密度	Controlled by stepping motor, 32 section stitch select-able adjustable scope supported by subdivision technology: 0-650, the stitch of the knitwear can be accurately controlled. 步进马达控制，32段密度选择，采用细分基数，可调范围:0-650度，更能准确地控制片衣长短。
Dynamic stitch 动态度目	Using high speed stepping motor, multi-stitch function can be achieved in one line. 高速步进电机实现，支持在花型一行内实现多段可变度目控制，实现同行多种密度的织物编织，丰富编织花型。
Needle selection 选针系统	Advanced encoder reading pin.8-stage selecting needle setup composed of special electromagnet is regarded as efficient full width jacquard needle selector.which can be installed or removed simply from the carriage and maintained easily. 采用先进的编码器，配备8段特殊精密选针器，每组选针器皆可在机头外侧装卸，易于维护及保养。
Transfer system 翻针系统	Not affected by the direction of the carriage, minute knitting. 不受机头方向影响，分针编织。
Quickly turning 快速回转	Intelligent switching braiding system improves machine weaving efficiency. 智能切换编织系统提高编织效率。
Take-down system 卷布系统	Infrared alarm,Computer programs instruction, stepper motor control,32-stagetension selection with an adjustable range between0-100. 红外线报警，电脑程序指令，步进马达控制，32段拉力选择，可调范围:0-100
Color-changing system换色系统	2×4 yarn feeders on each side of 4 guide rails, shift able on any needle position. 4根导轨8把纱嘴，可在针床的任何位置移动。
Yarn feeder device 送纱装置	Accurately control the tension of the yarn and ensure the consistency of the whole woven piece quality. 精确控制纱线的张力，确保整体织片质量的一致性 7G-10G Adopts roller feeding device; 3-10G 采用滚筒送纱器。 12G-16G Adopts the yarn storage device; 12-18G 采用储纱器。
Protection system 保护系统	The machine will automatically alarm if yarn-breaking, knots, floating yarn, rewind, end of knitting, fail of racking, needle breakage, error programming occur, also set up the safety auto-lock protect device. 当断纱，结头，浮纱，倒卷，片数结束，移床未归，撞针脚或程序错误时机器报警系统将启动，并设置安全自动锁定保护装置。
Control system 控制系统	1. LCD industrial display, Can display various parameters, which can be adjustable during operation. 2. USB memory interface,System memory 2G. 3. Free design system is visual and easy to understand and software upgrade free of charge. 4. Support multi-language operation as Chinese and English, Spanish, Russian etc. 1. 机器运行时可随时显示各种运行参数，并可进行调整，使操作尽可能方便，省时。 2. 扩展内存高达2G。 3.设计系统和控制系统(软件)皆为免费更新。 4. 多语言操作系统，有中文、英文、西班牙语和俄语等等。
Refueling device自动加油装置	Automatic refueling: Control the refueling time and frequency by setting the time. The oil pump lubricate the jack and long jack needle on the needle bed automatically to reduce the wear of the machine and increase its service life. 自动加油：通过设定时间及频率，油泵自动给针板上的长针弹簧针加润滑油，减少机器磨损，增加使用寿命。
Network function 网络功能	Has network interface,enable remote-monitoring via network,and connecting with ERP system. 高速网络，编织数据可上传下载和共享，可连接ERP。
Power supply 电源装置	Single-phase 220V/three-phase 380V,adopt advanced CMOS technology, having memorizing function at power shock stop. 单相220V/三相380V，采用先进的CMOS技术，实现停电记忆、来电恢复编织功能。
Non waste yarn Comb device 零废纱起底板	Non waste yarn Comb device （Optional) 零废纱起底板(选装）
Volume and weight 机器尺寸及重量	2500*900*1700mm,700kgs(52inch)

单系统电脑横机
SINGLE SYSTEM

CHJX-1-52

产品特点 | PRODUCT FEATURES

单系统，针板为一体铣板。可选装插片型，可选装零废纱装置。采用数字化技术，实现横机的翻针、吊目、挑孔、提花、明收针及其它规则花型编织功能。可编织基本针织组织（四平、单面等）多色无规则提花、绞花等纬编组织。适用于编织毛衫成衣、毛毯、围巾、帽子以及服装附件。

The single-system flat knitting machine with milling type needle bed. Insert type needle bed(optional). Non-waste yarn COMB device(optional). This series adopts digital technology, which can realize the functions of transfer, tuck, hole picking, jacquard, needle narrowing, and other regular pattern knitting functions of the flat knitting machine. This series can weave basic knitting patterns (full needle, single side, Etc.), multi-color irregular jacquard, and twisted weft knitting. This series is suitable for knitting sweaters,blanket, scarfs, hats, and clothing accessories.

产品参数 | PRODUCT SPECIFICATION

Gauge 针型	7G、9G、10G、12G、14G、16G
Knitting width 编织幅宽	52,60,80,100inch
Knitting system 编织系统	Single system 单系统 Double carriage single system(optional) 1+1双头单系统
Knitting speed 编织速度	Controlled by servo-motor with 32 sections optional, max speed reach 1.6m/s. 通过AC伺服电机控制，32段选择，最高速度可达1.6米/秒。
Knitting function编织功能	Knit, miss, tuck, transfer, pointel, intarsia, jacquard, apparent or hide shaping and other regular or irregular patterns. 提花、吊目、翻针、挑孔、明收针、暗收针及其他规则花型编织。
Racking 摇床	Controlled by servo-motor racking within 2 inches and with fine adjusting function. 采用AC伺服马达控制，移针范围2英寸，同时具有精确的微调功能。
Stitch density 线圈密度	Controlled by stepping motor, 32 section stitch select-able adjustable scope supported by subdivision technology: 0-650, the stitch of the knitwear can be accurately controlled. 步进马达控制，32段密度选择，采用细分基数，可调范围:0-650度，更能准确地控制片衣长短。
Dynamic stitch 动态度目	Using high speed stepping motor, multi-stitch function can be achieved in one line. 高速步进电机实现，支持在花型一行内实现多段可变度目控制，实现同行多种密度的织物编织，丰富编织花型。
Needle selection 选针系统	Advanced encoder reading pin.8-stage selecting needle setup composed of special electromagnet is regarded as efficient full width jacquard needle selector.which can be installed or removed simply from the carriage and maintained easily. 采用先进的编码器，配备8段特殊精密选针器，每组选针器皆可在机头外侧装卸，易于维护及保养。
Transfer system 翻针系统	Not affected by the direction of the carriage, minute knitting. 不受机头方向影响，分针编织。
Quickly turning 快速回转	Intelligent switching braiding system improves machine weaving efficiency. 智能切换编织系统提高编织效率。
Take-down system 卷布系统	Infrared alarm,Computer programs instruction, stepper motor control,32-stagetension selection with an adjustable range between0-100. 红外线报警，电脑程序指令，步进马达控制，32段拉力选择，可调范围:0-100
Color-changing system换色系统	2×3 yarn feeders on each side of 3 guide rails, shift able on any needle position. 3根导轨6把纱嘴，可在针床的任何位置移动。
Yarn feeder device 送纱装置	Accurately control the tension of the yarn and ensure the consistency of the whole woven piece quality. 精确控制纱线的张力，确保整体织片质量的一致性 7G-10G Adopts roller feeding device; 3-10G采用滚筒送纱器。 12G-16G Adopts the yarn storage device; 12-18G采用储纱器。
Protection system 保护系统	The machine will automatically alarm if yarn-breaking, knots, floating yarn, rewind, end of knitting, fail of racking, needle breakage, error programming occur, also set up the safety auto-lock protect device. 当断纱，结头，浮纱，倒卷，片数结束，移床未归，撞针脚或程序错误时机器报警系统将启动，并设置安全自动锁定保护装置。
Control system 控制系统	1. LCD industrial display, Can display various parameters, which can be adjustable during operation. 2. USB memory interface,System memory 2G. 3. Free design system is visual and easy to understand and software upgrade free of charge. 4. Support multi-language operation as Chinese and English, Spanish, Russian etc. 1. 机器运行时可随时显示各种运行参数，并可进行调整，使操作尽可能方便，省时。 2. 扩展内存达2G。 3. 设计系统和控制系统(软件)易于免费更新。 4. 多语言操作系统，有中文，英文，西班牙语和俄语等等。
Network function 网络功能	Has network interface,enable remote-monitoring via network,and connecting with ERP system. 高速网络，编织数据可上传下载和共享，可连接ERP。
Power supply 电源装置	Single-phase 220V/three-phase 380V,adopt advanced CMOS technology, having memorizing function at power shock stop. 单相220V/三相380V，采用先进的CMOS技术，实现停电记忆、来电恢复编织功能。
Non waste yarn Comb device 零废纱起底板	Non waste yarn Comb device （Optional) 零废纱起底板(选装）
Volume and weight 机器尺寸及重量	2500*900*1700mm,650kgs(52inch) 3800*900*1700mm,900kgs(80inch double carriages)

特长双头电脑横机

1+1 / 2+2 / 2+2HP SYSTEM

1+1

2+2

3+3

Gauge 针型	7G、8G、9G、10G、12G、14G
Knitting width 编织幅宽	80,100,120inch
Knitting system 编织系统	Double carriage single system 1+1双头单系统 Double carriage double system 2+2双头双系统 Double carriage three system 3+3双头三系统
Knitting speed 编织速度	Controlled by servo-motor with 32 sections optional, max speed reach 1.6m/s. 通过AC伺服电机控制，32段选择，最高速度可达1.6米/秒。
Knitting function编织功能	Knit, miss, tuck, transfer, pointel, intarsia, jacquard, apparent or hide shaping and other regular or irregular patterns. 提花、吊目、翻针、挑孔、明收针、暗收针及其他规则花型编织。
Racking 摇床	Controlled by servo-motor racking within 2 inches and with fine adjusting function. 采用AC伺服马达控制，移针范围达2英寸，同时具有精确的微调功能。
Stitch density 线圈密度	Controlled by stepping motor, 32 section stitch select-able adjustable scope supported by subdivision technology: 0-650, the stitch of the knitwear can be accurately controlled. 步进马达控制，32段密度选择，采用细分基数，可调范围：0-650度，更能准确地控制片衣长短。
Dynamic stitch 动态度目	Using high speed stepping motor, multi-stitch function can be achieved in one line. 高速步进电机实现，支持在花型一行内实现多段可变度目控制，实现同行多种密度的织物编织，丰富编织花型。
Needle selection 选针系统	Advanced encoder reading pin.8-stage selecting needle setup composed of special electromagnet is regarded as efficient full width jacquard needle selector.which can be installed or removed simply from the carriage and maintained easily. 采用先进的编码器，配备8段特殊精密选针器，每组选针器皆可在机头外侧装卸，易于维护及保养。
Transfer system 翻针系统	Combined design, single or double cam system all can transfer together or separately. Also one cam do transfer , another cam system for knitting, which will achieve high production. 三角复合设计，可单独或同时翻针，从而提高生产效率。
Sinker system 沉降片系统	Controlled by stepping motor, adjustable to different results of knitwear, up to be various results of shaping and patterns. 电子步进电机微调控制沉降片系统，可依身的材质调整参数设定。
Quickly turning 快速回转	Intelligent switching braiding system improves machine weaving efficiency. 智能切换编织系统提高编织效率。
Take-down system 卷布系统	Infrared alarm,Computer programs instruction, stepper motor control,32-stagetension selection with an adjustable range between0-100. 红外线报警，电脑程序指令，步进马达控制，32段拉力选择，可调范围：0-100
Color-changing system换色系统	2×8 yarn feeders on each side of 4 guide rails, shift able on any needle position. 4根导轨2*8把纱嘴，可在针床的任何位置移动。
Yarn feeder device 送纱装置	Accurately control the tension of the yarn and ensure the consistency of the whole woven piece quality. 精确控制纱线的张力，确保整体织片质量的一致性 3G-10G Adopts roller feeding device; 3-10G 采用滚筒送纱器。12G-18G Adopts the yarn storage device; 12-18G采用储纱器。
Protection system 保护系统	The machine will automatically alarm if yarn-breaking, knots, floating yarn, rewind, end of knitting, fail of racking, needle breakage, error programming occur, also set up the safety auto-lock protect device. 当断纱，结头，浮纱，倒卷，片数结束，移床未归，撞针脚或程序错误时机器报警系统将启动，并设置安全自动锁定保护装置。
Control system 控制系统	1. LCD industrial display, Can display various parameters, which can be adjustable during operation. 2. USB memory interface,System memory 2G. 3. Free design system is visual and easy to understand and software upgrade free of charge. 4. Support multi-language operation as Chinese and English, Spanish, Russian etc. 1. 机器运行时电脑可随时显示各种运行参数，并可进行调整，使操作尽可能方便，省时。 2. 扩展内存高达2G。 3. 设计系统和控制系统(软件) 易于免费更新。 4. 多语言操作系统，有中文，英文，西班牙语和俄语等等。
Refueling device自动加油装置	Automatic refueling: Control the refueling time and frequency by setting the time. The oil pump lubricate the jack and long jack needle on the needle bed automatically to reduce the wear of the machine and increase its service life. 自动加油：通过设定时间及频率，油泵自动给针板上的长针弹簧针加润滑油，减少机器磨损，增加使用寿命。
Network function 网络功能	Has network interface,enable remote-monitoring via network,and connecting with ERP system. 高速网络，编织数据可上传下载和共享，可连接ERP。
Power supply 电源装置	Single-phase 220V/three-phase 380V,adopt advanced CMOS technology, having memorizing function at power shock stop. 单相220V/三相380V，采用先进的CMOS技术，实现停电记忆、来电恢复编织功能。
Volume and weight 机器尺寸及重量	3800*900*1700mm,900kgs(80inch 1+1system)

GE款横机

GE FLAT KNITTING MACHINE

产品特点 | PRODUCT FEATURES

双系统，高位罗拉、高性能沉降片、动态度目、电机换向，采用数字化技术，高速高效，实现挑孔、吊目、嵌花、四平、提花、明收针、暗收针、以及其他无规则花型编织功能。适用于羊毛、羊绒、棉、化纤、真丝以及各类混纺纱线，生产毛衫、毛毯、围巾、帽子以及服装附件。

Double system has high roller, high-performance sinker, dynamic stitch, motor control reserving carriage,digital technology, high-speed and efficient, to achieve pointelle, tuck, jacquard, intarsia, full needle jacquard, apparent shape, hidden shape, and other irregular patterns. suitable for wool, cashmere, cotton, chemical fiber, silk and all kinds of blended yarn, the production of sweaters, blanket, scarfs, gloves, hats and knitted apparel accessories.

产品参数 | PRODUCT SPECIFICATION

Gauge 针型	7G、9G、10G、12G、14G、16G
Knitting width 编织幅宽	36,52,72,80inch
Knitting system 编织系统	Two system or Three system 双系统或者三系统
Knitting speed 编织速度	Controlled by servo motor with 64 sections optional, Max 1. 5M/S.The serve motor combines precise feedback control system with high-speed digital motor combines precise feedback control system with high-speed digital output. 64段选择，最高速度达到1.5m/s,采用AC伺服马达控制，伺服马达利用精密的回授控制与结合高速运算能力的数字信号处理器(DSP);控制IGBT产生精确的电流输出。
Knitting function编织功能	Jacquard, hanging eyes, flipping needles, same mouth weaving and hanging,same mouth flipping, picking holes, visible and hidden needles, etc. 提花、吊目、翻针、同口编吊、同口对翻、挑孔、明收针和暗收针等。
Racking 摇床	Controlled by servo-motor racking within 2 inches and with fine adjusting function. 采用AC伺服马达控制，移针范围达2英寸，同时具有精确的微调功能。
Stitch density 线圈密度	Controlled by stepping motor, 64 section stitch select-able adjustable scope supported by subdivision technology: 0-500, the stitch of the knitwear can be accurately controlled. 步进马达控制，64段密度选择，采用细分基数，可调范围:0~500度，更能准确地控制片衣长短。
Transfer system 翻针系统	Triangle composite design, capable of performing needle flipping and joining functions at the same mouth, thereby improving production efficiency. 三角复合设计，同口可执行翻针、接针功能，从而提高生产效率。
Hanging Function 编吊功能	Triangle composite design, capable of performing weaving, lifting, and non wea-ving functions at the same mouth, thereby improving production efficiency. 三角复合设计，同口可执行编织、吊目、不织功能，从而提高生产效率。
Take-down system 卷布系统	Infrared alarm,Computer programs instruction, stepper motor control,64-stagetension selection with an adjustable range between:0-100. 红外线报警，电脑程序指令，步进马达控制，64段拉力选择，可调范围:0~100
Color-changing system换色系统	2×8 yarn feeders on each side of 4 guide rails, shift able on any needle position. 4根导轨2*8把纱嘴，可在针床的任何位置移动。
Protection system 保护系统	The machine will automatically alarm if yarn-breaking, knots, floating yarn, rewind, end of knitting, fail of racking, needle breakage, error programming occur, also set up the safety auto-lock protect device. 当断纱，结头，浮纱，倒卷，片数结束，移床未归，撞针脚或程序错误时机器报警系统将启动，并设置安全自动锁定保护装置。
Control system 控制系统	1.LCD touch screen, graphical interface.USB and network compatible,with expanded memory of up to 2G.A great amount of patterns can bestores and mobilized for use at any time as perproduction requirements. 2.Monitoring display:Various operating parameters can be displayed and can be adjusted anytime when the machine is running,making operations as convenient and time-saving as possible. 3.Design system and control system(software)are easy to update for free. 4.Multi-language operating system:There are Chinese,English,Spanish and Arabic Versions.Languages can be switched according to customer requirments. 1.LCD触摸屏，图形界面。USB和网络兼容，扩展内存高达2G。可根据生产要求随时存储和调动大量图案以供使用; 2.监控显示:机器运行时可随时显示各种运行参数，并可进行调整，使操作尽可能方便，省时; 3.设计系统和控制系统(软件)易于免费更新; 4.多语言操作系统:有中文，英文，西班牙语和阿拉伯语版本;语言可以根据客户切换
Network function 网络功能	High speed network can coordinate up to 250 machines; the knitting data can be uploaded downloaded and shared. 高速网络最多可容纳250台机器;编织数据可.上传下载和共享。
Power supply 电源装置	Single-phase 110V/220V/three-phase 380V,adopt advanced CMOS technology,having memorizing function at power shock stop.(Optiona British plug) 单相110V/220V/三相380V，采用先进的CMOS技术，在停电时具有记忆功能(可选择英制插头)
Volume and weight 机器尺寸及重量	52inch:2480* 800* 1700mm(bare pager)2970* 940* 1900mm(wooden case) 52英寸:2480* 800*1700mm(裸机) 2970* 940* 1900mm(木箱)

鞋面机
SHOE UPPER KNITTING MACHINE

Different outlook available 可选配外观

产品特点 | PRODUCT FEATURES

三系统横机，专业制作鞋面，生产效率高。该系列为无起底板装置的全自动电脑编织横机，采用数字化技术实现横机的翻针、吊目、挑孔无虚线嵌花、提花、绣花、明收针及其他规则花型编织功能。可编织基本针织组织（四平、单面等）、多色无规则提花、嵌花（引塔夏）、绞花、挑孔等纬案组织。适用于真丝、绢丝、合纤丝、羊毛、腈纶、混纺纱线等原料编织鞋面等附件。主要用于3D鞋面专业生产。

Three system 3D Shoe Upper Knitting Machine specialized in making shoe uppers with high production efficiency. This series is a fully automatic computer knitting machine without a bottom plate device. It uses digital technology to realize the functions of transfer, tuck, intarsia without dotted lines, jacquard, embroidery, open narrowing, and other regular pattern knitting functions. It can weave basic knitting weaves, multi-color random jacquard, intarsia, twisted flowers, pick holes, and other weft weaves. It is also suitable for knitting shoe uppers and other accessories with raw materials such as silk, spun silk, synthetic fiber, wool, rayon, and blended yarn. They are the mainstream machines for the professional production of 3D shoe uppers..
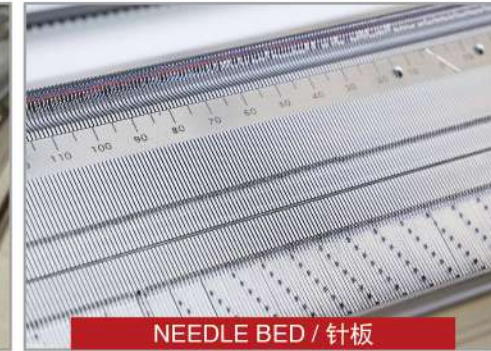
产品参数 | PRODUCT SPECIFICATION

Gauge 针型	14G、16G、18G
Knitting width 编织幅宽	36, 52, 72, 80inch
Knitting system 编织系统	Three system 三系统
Knitting speed 编织速度	Controlled by servo-motor with 128 sections optional, max speed reach 1.6m/s. 通过AC伺服电机控制，128段选择，最高速度可达1.6米/秒。
Knitting function 编织功能	Knit, miss, tuck, transfer, pointel, intarsia, jacquard, apparent or hide shaping and other regular or irregular patterns. 提花、吊目、翻针、挑孔、明收针、暗收针及其他规则花型编织。
Racking 摇床	Controlled by servo-motor racking within 2 inches and with fine adjusting function. 采用AC伺服马达控制，移针范围达2英寸，同时具有精确的微调功能。
Stitch density 线圈密度	Controlled by stepping motor, 128 section stitch select-able adjustable scope supported by subdivision technology: 0-650, the stitch of the knitwear can be accurately controlled. 步进马达控制，128段密度选择，采用细分基数，可调范围:0~650度，更能准确地控制衣长短。
Dynamic stitch 动态度目	Using high speed stepping motor, multi-stitch function can be achieved in one line. 高速步进电机实现，支持在花型一行内实现多段可变度目控制，实现同行多种密度的织物编织，丰富编织花型。
Needle selection 选针系统	Advanced encoder reading pin.8-stage selecting needle setup composed of special electromagnet is regarded as efficient full width jacquard needle selector.which can be installed or removed simply from the carriage and maintained easily. 采用先进的编码器，配备8段特殊精密选针器，每组选针器皆可在机头外侧装卸，易于维护与保养。
Transfer system 翻针系统	Combined design, single or double cam system all can transfer together or separately. Also one cam do transfer , another cam system for knitting, which will achieve high production. 三角复合设计，可单独或同时翻针，从而提高生产效率。
Sinker system 沉降片系统	Using the control principle of cross sinker, more lines of local braiding can be carried out, which plays a positive role in the braiding of complex tissues. Independent signal, subsystem control. 采用交叉沉降片控制原理，可以进行更多行数的局部编织，对复杂组织的编织起到积极作用；独立信克，分系统控制，支持零间纱起底。
Quickly turning 快速回转	Intelligent switching braiding system improves machine weaving efficiency. 智能切换编织系统提高编织效率。
Take-down system 卷布系统	Infrared alarm,Computer programs instruction, stepper motor control,128-stagetension selection with an adjustable range between0-100. 红外线报警，电脑程序指令，步进马达控制，128段拉力选择，可调范围:0~100
Color-changing system 换色系统	2×8 yarn feeders on each side of 4 guide rails, shift able on any needle position. 4个导轨2*8把纱嘴，可在针床的任位置移动。
Yarn feeder device 送纱装置	The roller feeding device can precisely control the tension of the yarn and ensure the consistency of the whole fabric quality. 滚筒送纱装置，精确控制纱线的张力，确保整体织片质量的一致性。
Protection system 保护系统	The machine will automatically alarm if yarn-breaking, knots, floating yarn, rewind, end of knitting, fail of racking, needle breakage, error programming occur, also set up the safety auto-lock protect device. 当断纱，结头，浮纱，倒卷，片数结束，移床未归，撞针脚或程序错误时机器报警系统将启动，并设置安全自动锁定保护装置。
Control system 控制系统	1. LCD industrial display, Can display various parameters, which can be adjustable during operation. 2. USB memory interface,System memory 2G. 3. Free design system is visual and easy to understand and software upgrade free of charge. 4. Support multi-language operation as Chinese and English, Spanish, Russian etc. 1. 机器运行时可随时显示各种参数，并可进行调整，使操作尽可能方便，省时。 2. 扩展内存高达2G。 3. 设计系统和控制系统(软件)易于免费更新。 4. 多语言操作系统，有中文，英文，西班牙语和俄语等等。
Refueling device 自动加油装置	Automatic refueling: Control the refueling time and frequency by setting the time. The oil pump lubricate the jack and long jack needle on the needle bed automatically to reduce the wear of the machine and increase its service life. 自动加油：通过设定时间及频率，油泵自动给针板上的长针弹簧针加润滑油，减少机器磨损，增加使用寿命。
Network function 网络功能	Has network interface,enable remote-monitoring via network,and connecting with ERP system. 高速网络，编织数据可上传下载和共享，可连接ERP。
Power supply 电源装置	Single-phase 220V/three-phase 380V,adopt advanced CMOS technology, having memorizing function at power shock stop. 单相220V/三相380V，采用先进的CMOS技术，实现停电记忆、来电恢复编织功能。
Presser device 压脚装置	Positioned on front and rear presser（Optional）前后各一组压脚(选装)
Sub roller 副罗拉	Sub roller（Optional）副罗拉(选装)
Volume and weight 机器尺寸及重量	3000*1000*1800mm,1150kgs(52inch)

专业织领机

PROFESSIONAL COLLAR KNITTING MACHINE

产品特点 | PRODUCT FEATURES

专门针对衣领/罗纹设计；通过对机座、导轨、针板、机头山板及三角等零配件直线度、平面度及尺寸精度的极致要求，解决了传统电脑横机生产衣领罗纹纹路不清晰，平整度不够，两边不一致等问题。使提花机生产高品质四平衣领罗纹成为可能。

Specially designed for knitting collar and rib; through the extreme requirements in straightness, flatness and precision of machine parts such as bed- base, guide rail, needle-bed, cam-board and cams. We solved these problems that fabric lines grain is not clear, two edges of collar are different and flatness is not enough.We make it possible to produce high-quality plain-knitting collar by using computerized jacquard machine.
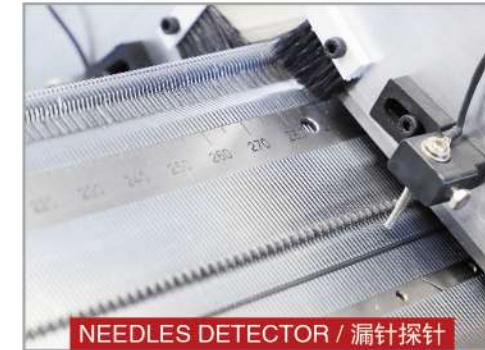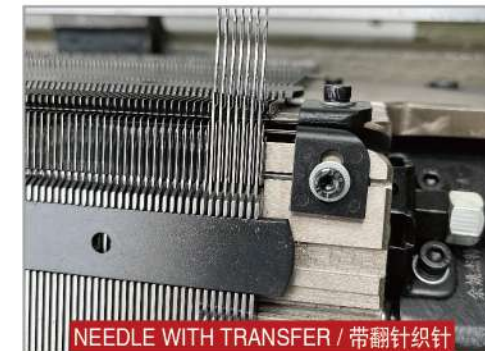

POSITIVE YARN FEEDER / 滚筒送纱器

DOUBLE CARRIAGE / 双机头

NEEDLE BED / 针板

NEEDLE BED / 针板

NEEDLES DETECTOR / 漏针探针

LYCRA DEVICE / 莱卡装置

YARN FEEDER / 纱嘴

YARN STOP / 乌丝档

CONTROL SYSTEM / 电控

SINGLE CARRIAGE / 单机头

NEEDLE WITH TRANSFER / 带翻针织针

FULLY JACQUARD DISPLAY / 全提花显示屏

SEMI JACQUARD DISPLAY / 半提花显示屏

NEEDLES DETECTOR / 红外探针

YARN GUIDE RAIL / 天杆

TAKE DOWN ROLLER / 罗拉

专业全提花织领机
PROFESSIONAL FULLY JACQUARD

专门针对衣领/罗纹设计；通过对机座、导轨、针板、机头山板及三角等零配件直线度、平面度及尺寸精度的极致要求，解决了传统电脑横机生产衣领罗纹纹路不清晰，平整度不够，两边不一致等问题。针板为一体铣板。采用数字化技术，实现横机的翻针、吊目、挑孔、提花、明收针及其它规则花型编织功能。可编织基本针织组织（四平、单面等）多色无规则提花、绞花等纬编组织。适用于编织衣领及服装附件。该系列配大豪系统。

产品特点 | PRODUCT FEATURES

Specially designed for knitting collar and rib; through the extreme requirements in straightness, flatness and precision of machine parts such as bed- base, guide rail, needle-bed, cam-board and cams. We solved these problems that fabric lines grain is not clear, two edges of collar are different and flatness is not enough.This series with milling type needle bed. This series adopts digital technology, which can realize the functions of transfer, tuck, hole picking, jacquard, needle narrowing, and other regular pattern knitting functions of the flat knitting machine. This series can weave basic knitting patterns (full needle, single side, Etc.), multi-color irregular jacquard, and twisted weft knitting. This series is suitable for knitting collar and clothing accessories. This series used DAHAO control system.

产品参数 | PRODUCT SPECIFICATION

Model 型号	HY-361J / HY-421J / HY-521J / HY-601J / HY-681J / HY-801J / HY-602J / HY-682J / HY-802J / HY-1002J
Gauge 针型	12G,14G,16G,18G
Knitting width 编织幅宽	36,42,52,60,68, 80,100inch
Knitting system 编织系统	Single carriage 单机头 Double carriage 1+1 机头
Knitting speed 编织速度	Maximum 1.6m/s. (depending on knitting wide and knitting material) 最高速度可达1.6m/s
Knitting function编织功能	Fully jacquard, Knitting, line jacquard and plain design etc. 全提花、四平、直条及平板等花样
Needle-bed 针板	Milling type needle bed; Insert type needle bed(optional) , with 8 sets of solenoid needle selection structure. 针板为一体铣板，可选装插片型，装配八段选针。
Racking 摇床	Controlled by servo-motor racking within 2 inches and with fine adjusting function. 采用AC伺服马达控制，移针范围达2英寸，同时具有精确的微调功能。
Stitch density 线圈密度	Controlled by stepping motor, 32 section stitch select-able adjustable scope supported by subdivision technology: 0-650, the stitch of the knitwear can be accurately controlled. 步进马达控制，128段密度选择，采用细分基数，可调范围:0-650度，更能准确地控制片衣长短。
Take-down system 卷布系统	Infrared alarm,Computer programs instruction, stepper motor control, 32-stagetension selection with an adjustable range between0-100. 红外线报警，电脑程序指令，步进马达控制，32段拉力选择，可调范围:0-100
Color-changing system换色系统	2×3 yarn feeders on each side of 3 guide rails, shift able on any needle position. 3根导轨6把纱嘴，可在针床的任何位置移动。
Protection system 保护系统	The machine will automatically alarm if yarn-breaking, knots, floating yarn, rewind, end of knitting, fail of racking, needle breakage, error programming occur, also set up the safety auto-lock protect device. 当断纱，结头，浮纱，倒纱，片数结束，移床未归，撞针脚或程序错误时机器报警系统将启动，并设置安全自动锁定保护装置。
Control system 控制系统	1. LCD industrial display, Can display various parameters, which can be adjustable during operation. 2. USB memory interface,System memory 2G. 3. Free design system is visual and easy to understand and software upgrade free of charge. 4. Support multi-language operation as Chinese and English, Spanish, Russian etc. 1. 机器运行时可随时显示各种运行参数，并可进行调整，使操作尽可能方便，省时。 2. 扩展内存高达2G。 3. 设计系统和控制系统(软件) 易于免费更新。 4. 多语言操作系统，有中文，英文，西班牙语和俄语等等。
Network function 网络功能	Has network interface,enable remote-monitoring via network,and connecting with ERP system. 高速网络，编织数据可上传下载和共享，可连接ERP。
Power supply 电源装置	Single-phase 220V/three-phase 380V,adopt advanced CMOS technology, having memorizing function at power shock stop. 单相220V/三相380V，采用先进的CMOS技术，实现停电记忆、来电恢复编织功能。
Volume and weight 机器尺寸及重量	2200*900*1700mm,600kgs(42inch) 2400*900*1700mm,650kgs(52inch) 3500*900*1700mm,900kgs(80inch double carriages)

专业半提花织领机

PROFESSIONAL SEMI JACQUARD

专门针对衣领/罗纹设计；通过对机座、导轨、针板、机头山板及三角等零配件直线度、平面度及尺寸精度的极致要求，解决了传统电脑横机生产衣领罗纹纹路不清晰，平整度不够，两边不一致等问题。针板为一体铣板。采用数字化技术，实现横机的四平，半提花，A/B针脚单脚单吊目及全吊目；可织方格、芝麻花、直条等花样。适用于编织毛衫、衣领等服装附件。自研电控系统，可以直接在机器上制版。

Specially designed for knitting collar and rib; through the extreme requirements in straightness, flatness and precision of machine parts such as bed- base, guide rail, needle-bed, cam-board and cams. We solved these problems that fabric lines grain is not clear, two edges of collar are different and flatness is not enough.This series with milling type needle bed. This series adopts digital technology, which can realize the functions with Knitting, Semi jacquard,A/B jack tuck and full tuck; capable knitting square semi jacquard and line etc.This series is suitable for knitting collar and clothing accessories. Machine control system is developed by ourselves . we can make designs on machine screen directly.

产品参数| PRODUCT SPECIFICATION

Model 型号	HY-361S / HY-421S / HY-521S / HY-601S / HY-681S / HY-801S / HY-602S / HY-682S / HY-802S / HY-1002S
Gauge 针型	12G,14G,16G,18G
Knitting width 编织幅宽	36,42,52,60,68, 80,100inch
Knitting system 编织系统	Single carriage 单机头　　　Double carriage 1+1 机头
Knitting speed 编织速度	Maximum 1.6m/s. (depending on knitting wide and knitting material) 最高速度可达1.6m/s
Knitting function编织功能	Knitting, Semi jacquard,A/B jack tuck and full tuck; line jacquard and plain design. 四平，半提花，A/B针脚单独吊目及全吊目;可织方格、芝麻花、直条等花样。
Needle-bed 针板	Wider needles bed, with high and low jacks at front and rear needle bed. 宽针板，并配有高低针脚。
Racking 摇床	Controlled by step-motor racking within 2 inches and with fine adjusting function. 采用步进电机控制，移针范围达2英寸，同时具有精确的微调功能。
Stitch density 线圈密度	Controlled by stepping motor,0-99, the stitch of the collar can be accurately controlled. 步进电机控制度目0−99段可选。
Take-down system 卷布系统	Sub-segment combination rollers, Programmed instruction controlled by stepping motor, two speed options. 副罗拉由步进电机控制，分高低二速无段微调。
Color-changing system换色系统	6 colors, two side interchangeable feeders. 6色，半行换色。
Protection system 保护系统	The machine will automatically alarm if yarn-breaking, knots, floating yarn, rewind, end of knitting, fail of racking, needle breakage, error programming occur, also set up the safety auto-lock protect device. 当断纱、结头、浮纱、倒卷、片数结束、移床未归、撞针脚或程序错误时机器报警系统将启动，并设置安全自动锁定保护装置。
Control system 控制系统	LCD industrial display, Display various parameters, Express in Chinese or English. 工业显示屏，可显示各种参数，中英文操作系统。
Power supply 电源装置	Single-phase 220V,adopt advanced CMOS technology, having memorizing function at power shock stop. 单相220V，采用先进的CMOS技术，实现停电记忆、来电恢复编织功能。
Volume and weight 机器尺寸及重量	2200*900*1700mm,600kgs(42inch) 2400*900*1700mm,650kgs(52inch) 3500*900*1700mm,900kgs(80inch double carriages)
Optional functions 选装配置	Lycra function; Yarn storage device; Yarn feeder device 莱卡功能；储纱器；送纱器

专业平板织领机
PROFESSIONAL PLAIN DESIGN

产品特点 | PRODUCT FEATURES

专门针对衣领/罗纹设计；通过对机座、导轨、针板、机头山板及三角等零配件直线度、平面度及尺寸精度的极致要求，解决了传统电脑横机生产衣领罗纹纹路不清晰，平整度不够，两边不一致等问题。针板为一体铣板。采用数字化技术，实现横机的四平、直条和平板花样。适用于编织衣领及服装附件。自研电控系统，可以直接在机器上制版。

Specially designed for knitting collar and rib; through the extreme requirements in straightness, flatness and precision of machine parts such as bed- base, guide rail, needle-bed, cam-board and cams. We solved these problems that fabric lines grain is not clear, two edges of collar are different and flatness is not enough. This series with milling type needle bed. This series adopts digital technology, which can realize the functions with Knitting, line jacquard and plain design collar.This series is suitable for knitting collar and clothing accessories. Machine control system is developed by ourselves . we can make designs on machine screen directly.

产品参数 | PRODUCT SPECIFICATION

Model 型号	HY-361P / HY-421P / HY-521P / HY-601P / HY-681P / HY-801P / HY-602P / HY-682P / HY-802P / HY-1002P
Gauge 针型	12G,14G,16G,18G
Knitting width 编织幅宽	36,42,52,60,68, 80,100inch
Knitting system 编织系统	Single carriage 单机头　　　Double carriage 1+1 机头
Knitting speed 编织速度	Maximum 1.6m/s. (depending on knitting wide and knitting material) 最高速度可达1.6m/s
Knitting function编织功能	Knitting, line jacquard and plain design. 可织四平、直条和平板。
Needle-bed 针板	Narrow needles bed, with high and low hell needles at front and rear needle bed. 窄针板，可配有高低针。
Racking 摇床	Controlled by step-motor racking within 2 inches and with fine adjusting function. 采用步进电机控制，移针范围达2英寸，同时具有精确的微调功能。
Stitch density 线圈密度	Controlled by stepping motor,0-99, the stitch of the collar can be accurately controlled. 步进电机控制度目0-99段可选。
Take-down system 卷布系统	Sub-segment combination rollers, Programmed instruction controlled by stepping motor, two speed options. 副罗拉由步进电机控制，分高低二速无段微调。
Color-changing system换色系统	6 colors, two side interchangeable feeders. 6色，半行换色。
Protection system 保护系统	The machine will automatically alarm if yarn-breaking, knots, floating yarn, rewind, end of knitting, fail of racking, needle breakage, error programming occur, also set up the safety auto-lock protect device. 当断纱，结头，浮纱，倒卷，片数结束，移床未归，撞针脚或程序错误时机器报警系统将启动，并设置安全自动锁定保护装置。
Control system 控制系统	LCD industrial display, Display various parameters, Express in Chinese or English. 工业显示屏，可显示各种参数，中英文操作系统。
Power supply 电源装置	Single-phase 220V,adopt advanced CMOS technology, having memorizing function at power shock stop. 单相220V，采用先进的CMOS技术，实现停电记忆、来电恢复编织功能。
Volume and weight 机器尺寸及重量	2200*900*1700mm,600kgs(42inch) 2400*900*1700mm,650kgs(52inch) 3500*900*1700mm,900kgs(80inch double carriages)
Optional functions 选装配置	Automatic hook yarn head function; Lycra function; Yarn storage device; Yarn feeder device 自动钩头装置；莱卡功能；储纱器；送纱器

织领&毛衣两用电脑横机
COLLAR & SWEATER

产品特点 | PRODUCT FEATURES

单系统，针板为一体铣板。可选装插片型，采用数字化技术，实现横机的翻针、吊目、挑孔、提花、明收针及其它规则花型编织功能。可编织基本针织组织（四平、单面等）多色无规则提花、绞花等纬编组织。适用于编织毛衫、衣领等服装附件。

The single-system flat knitting machine with milling type needle bed. Insert type needle bed(optional). This series adopts digital technology, which can realize the functions of transfer, tuck, hole picking, jacquard, needle narrowing, and other regular pattern knitting functions of the flat knitting machine. This series can weave basic knitting patterns (full needle, single side, Etc.), multi-color irregular jacquard, and twisted weft knitting. This series is suitable for knitting sweaters, collar and clothing accessories.

产品参数 | PRODUCT SPECIFICATION

Gauge 针型	12G、14G、16G
Knitting width 编织幅宽	52,60,80,100inch
Knitting system 编织系统	Single system 单系统　Double carriage single system(optional) 1+1双头单系统
Knitting speed 编织速度	Controlled by servo-motor with 32 sections optional, max speed reach 1.6m/s. 通过AC伺服电机控制，32段选择，最高速度可达1.6米/秒。
Knitting function编织功能	Knit, miss, tuck, transfer, pointel, intarsia, jacquard, apparent or hide shaping and other regular or irregular patterns. 提花、吊目、翻针、挑孔、明收针、暗收针及其他规则花型编织。
Racking 摇床	Controlled by servo-motor racking within 2 inches and with fine adjusting function. 采用AC伺服马达控制，移针范围达2英寸，同时具有精确的微调功能。
Stitch density 线圈密度	Controlled by stepping motor, 32 section stitch select-able adjustable scope supported by subdivision technology: 0-650, the stitch of the knitwear can be accurately controlled. 步进马达控制，32段密度选择，采用细分基数，可调范围：0-650度，更能准确地控制片衣长短。
Dynamic stitch 动态度目	Using high speed stepping motor, multi-stitch function can be achieved in one line. 高速步进电机实现，支持在花型一行内实现多段可变度目控制，实现同行多种密度的织物编织，丰富编织花型。
Needle selection 选针系统	Advanced encoder reading pin.8-stage selecting needle setup composed of special electromagnet is regarded as efficient full width jacquard needle selector.which can be installed or removed simply from the carriage and maintained easily. 采用先进的编码器，配备8段特殊精密选针器，每组选针器皆可在机头外侧装卸，易于维护及保养。
Transfer system 翻针系统	Not affected by the direction of the carriage, minute knitting. 不受机头方向影响，分针编织。
Quickly turning 快速回转	Intelligent switching braiding system improves machine weaving efficiency. 智能切换编织系统提高编织效率。
Take-down system 卷布系统	Machine With high roller and sub roller, Infrared alarm,Computer programs instruction, stepper motor control, 32-stagetension selection with an adjustable range between0-100. 机器装配高位罗拉和副罗拉，红外线报警，电脑程序指令，步进马达控制，32段拉力选择，可调范围:0-100
Color-changing system换色系统	2×3 yarn feeders on each side of 3 guide rails, shift able on any needle position. 3根导轨6把纱嘴，可在针床的任何位置移动。
Yarn feeder device 送纱装置	Accurately control the tension of the yarn and ensure the consistency of the whole woven piece quality. 精确控制纱线的张力，确保整体织片质量的一致性
Protection system 保护系统	The machine will automatically alarm if yarn-breaking, knots, floating yarn, rewind, end of knitting, fail of racking, needle breakage, error programming occur, also set up the safety auto-lock protect device. 当断纱，结头，浮纱，倒卷，片叠结束，移床未归，撞针脚或程序错误时机器报警系统将启动，并设置安全自动锁定保护装置。
Control system 控制系统	1. LCD industrial display, Can display various parameters, which can be adjustable during operation. 2. USB memory interface,System memory 2G. 3. Free design system is visual and easy to understand and software upgrade free of charge. 4. Support multi-language operation as Chinese and English, Spanish, Russian etc. 1. 机器运行时可随时显示各种运行参数，并可进行调整，使操作尽可能方便，省时。　2. 扩展内存高达2G。 3. 设计系统和控制系统(软件) 易于免费更新。　 4. 多语言操作系统，有中文，英文，西班牙语和俄语等等。
Network function 网络功能	Has network interface,enable remote-monitoring via network,and connecting with ERP system. 高速网络，编织数据可上传下载和共享，可连接ERP。
Power supply 电源装置	Single-phase 220V/three-phase 380V,adopt advanced CMOS technology, having memorizing function at power shock stop. 单相220V/三相380V，采用先进的CMOS技术，实现停电记忆、来电恢复编织功能。
Volume and weight 机器尺寸及重量	2500*900*1700mm,700kgs(52inch) 3800*900*1700mm,950kgs(80inch double carriages)

工业电脑绣花机
INDUSTRIAL COMPUTERIZED EMBROIDERY MACHINE

单头绣花机

双头绣花机

三头绣花机

产品说明书 | PRODUCT DESCRIPTION

大触摸屏工业绣花机，带帽绣/T恤绣/成衣绣功能

Industrial embroidery machines for sale for hat / cap /T-shirt /finished garments embroidery with big touch screen
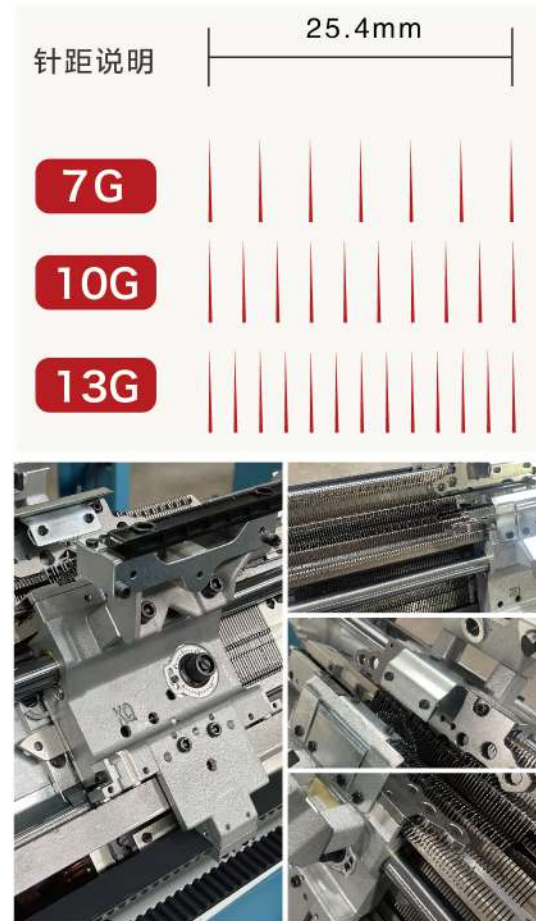
产品特点 | PRODUCT FEATURES

1.适用于平绣、帽绣和成衣绣
2.刺绣面积：400 x450毫米或15.7x 17.7英寸
3.自动螺纹修剪器
4.最高速度1200 SPM
5.270°宽帽框架单元
6.显示实时拼接的彩色液晶显示屏
7.备有USB端口
8.自动变色
9.断线检测
10.预缝设计跟踪能力
11.内存大小.1,000,000针
12.电源：110V/60Hz或220V/50Hz可用
13.开关和紧急停止
14.英文字母制版

1. Suitable for flat bed embroidery, cap embroidery and finished garments embroidery
2.Embroidery area:400 x450 mm. or 15.7"x 17.7"
3.Automatic thread trimmer
4.Maximum speed 1200SPM
5.270°Wide cap frame unit
6.color LCD display showing real time stitching
7. USB port ready
8. Auto color change
9.Thread break detection
10.Pre-Sew Design Trace capable
11.Memory size.1.000,000 stitches
12. Electricity:110V/60Hz or 220V/50Hz available
13.Start Stop, and Emergency Stop
14.0n-board lettering （English letters）

产品参数 | PRODUCT SPECIFICATION

Brand Name 品牌	CHANGHUA 昌华
Power 功率	1KW
Machinery Test Report 机械测试报告	Provided 提供
Video outgoing-inspection 视频传出检查	Provided 提供
Warranty of core components 核心部件保修	1 Year 1年
Core Components 核心部件	Motor, Bearing, Electrically controlled Rotary shuttle 电机、轴承、电控、旋梭
Worktable Size 工作台尺寸	800*800MM
Product name 产品名称	Computerize Embroidery Machine 电脑绣花机
Function 功能	Cap/shirt/flat/3D/sequin/Cording/Beading/Chenille/Boring 帽绣、成衣绣、3D绣、亮片绣、绳绣、珠绣、雪尼尔绣、雕孔绣
Application 应用	Auto 自动
Computer 电脑	Dahao A15 Computer 大豪 A15电脑
Language 语言	15 Languages 15个国家语言
Embroidery Type 绣花种类	Flat Embroideyr hat/finished garments embroidery 平绣，帽绣，成衣绣
Needles 针数	9/12/15 Needles 9/12/15针
Packaging Details 包装细节	Packing: container with standard wooden packagewith vacuum packing 标准木质包装集装箱真空包装
Gross Weight 总重	240kg
Net Weight 净重	210kg
Color 颜色	Customer settings 客户定制
Molder Number 机型	TWH-1606
Head Number 头数	Single head or double head 单头或双头
Embroidery Area 刺绣面积	360 x 510 mm, or 400 x 450 mm
Head Interval 头间距	400MM
Applicable industries 适用行业	Hotels, Garment Shops, Manufacturing Plant, PrintingShops 酒店，服装店，制造厂，印刷厂
Condition 机器状况	New 全新
Place of Origin 原产地	Jiangsu, China 江苏，中国
Key Selling Points 主要卖点	Automatic 自动化

超高速智能手套机
HIGH-SPEED GLOVE KNITTING MACHINE

针距说明　25.4mm

7G
10G
13G

产品特点 | PRODUCT FEATURES

该机型是当前公司研发的编制劳保系列手套优质机型，电脑编程操作简便，剪纱，密度，复位，罗口宽度等可一键完成设置，利用人工智能控制技术代替机械部分，达到高效，节能以及环保的产品性能.

This is the current company's new research and development machine of labor series models which is easy to operate,cutting yarn,density,reset,width and complete other key steps, the use of artificial intelligence control technology to replace the mechanical part, to achieve high efficiency, energy saving and environmental protection performance.

产品参数 | PRODUCT SPECIFICATION

Gauge 针型	7G/10G/13G
Power 电机功率	600W
Voltage 电压	220V 50-60HZ
Average output 产量	350/330/240Pairs
Consumption 动耗	200W
Machine table 看台率	50/A Person
Lubrication 供油方式	Automatic lubrication 自动供油
Stitch density 编织密度	Step motor controller 步进电机控制
Control system 控制系统	Computer control,Electronic programming, 7-inch touch-screen display and USB data transfer 电脑控制，可编程，7英寸触摸屏，USB数据导出导入
Drive system 传动系统	Double belt drive, AC servo motor 伺服电机，双皮带传动
Carriage 精密机头	Super compact & light weight carriage 迷你，轻量机头
Automatic overlock 自动锁边	YES 有
Net weight 净重	170KGS
Gross weight 毛重	200KGS
Machine size 机器尺寸	1050*570*1700mm（L*M*H)
Wood size 包装尺寸	1220*700*1500mm（L*M*H)
Container capacity 装箱	48 sets/ 20'FT 96 sets/ 40'HQ

针织样品
KNITTING SAMPLE
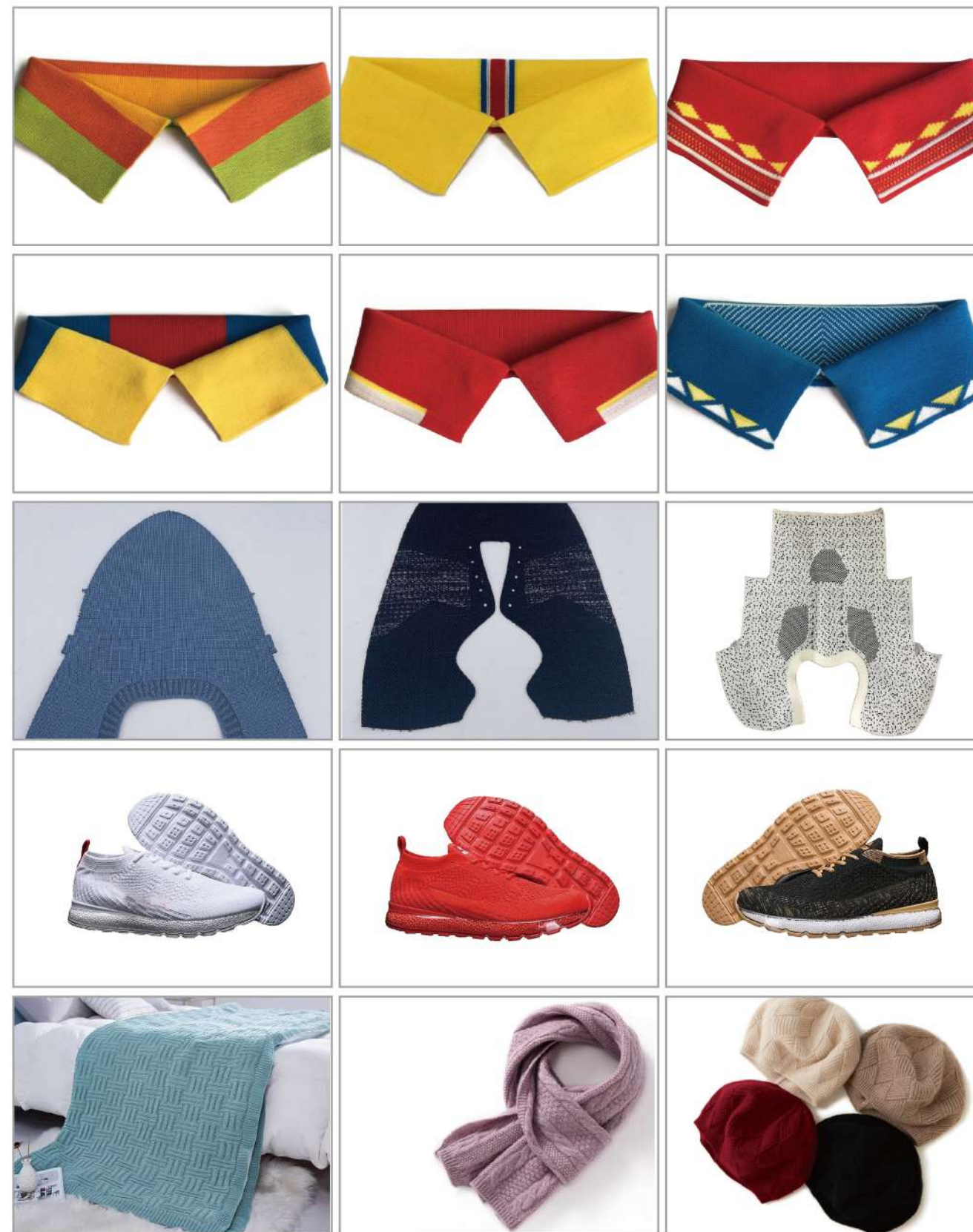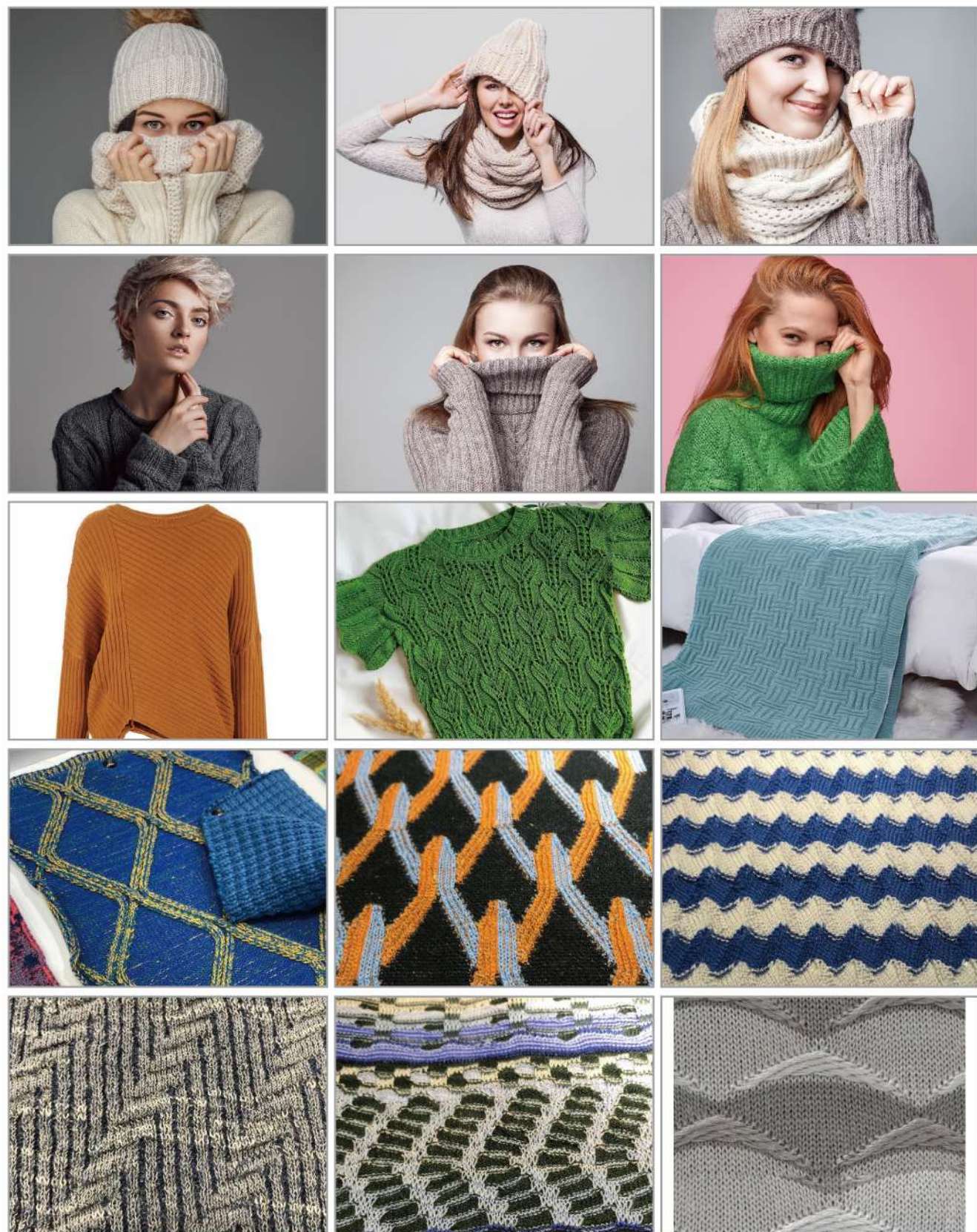
配件
FLAT KNITTING MACHINE PARTS

织针 Needles	三角 CAM	沉降片 Sinker	罗拉感应器 Take down sensor	罗拉驱动器 Take down driver

选针器 Needle selection	电磁铁 Electromagnet	探针 Needle sensor	探针(红外） Infrared needle sensor	限位感应器 Location limited sensor

针零位感应器 Zero sensor	感应器 Sensor	罗拉皮 Roller cover	毛刷 Brush	送纱器 Yarn feeder

储纱器 Yarn storage	乌斯座 Shuttle box	纱嘴 Yarn feeder	天线台 Antenna station	边线架 Fringe yarn frame

度目电机 Stich motor	主板 Mian board	报警灯 Alarm light	伺服器 Motor server	同步带 Belt

电源 Power Supply	罗拉电机 Roller motor	剪刀夹子 Cutters and Grippers	撞针感应器 Needle bed sensor	罗拉齿轮箱 Roller gear box

1	上护山左	10	中山导块
2	尖山	11	蝶山
3	上护山中	12	桃形护山
4	翻针导块	13	保留护山左
5	上护山右	14	保留护山中
6	回针三角左	15	保留护山右
7	回针三角右	16	长护山1左
9	度目右	17	长护山2
18	长护山中	27	推针三角左
19	长护山1右	28	推针三角右
20	下护山左	29	接针压腿
21	下护山中	30	吊目压腿
22	下护山右	31	不织压片
23	归位导块		
24	定位块		
25	选针母板		