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**浙江日发纺织机械股份有限公司**  
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**WEAVING Solutions**  
织造解决方案

袜机系列  
HOSIERY MACHINE SERIES



## 关于日发纺机

浙江日发纺织机械股份有限公司成立于2002年，注册资金6948.7万。公司系国家重点高新技术企业，国家机械工业重点骨干企业，国家863计划CIMS工程示范企业，全国CAD应用工程示范企业，国家火炬计划重点高新技术企业，中国纺织机械协会副会长单位。现旗下控股山东日发纺织机械有限公司、安徽日发纺织机械有限公司、浙江日发纺机技术有限公司。

公司以成为“敏捷化的国际性公司”为愿景，以“为用户提供智能纺织装备系统解决方案，并协助用户逐步实现数字化工厂”为使命，致力于机电行业的“数字科技”，已成为国内外享有高知名度的纺织设备生产企业。二十几年来已成功开发了清梳联、并条机、转杯纺纱机、喷气涡流纺纱机、倍捻机、直捻机、假捻变形机、精密并纱（络筒）机、自动穿经机、喷气织机、喷水织机、剑杆织机、毛巾织机、特种织机、针织圆机、无缝内衣机、袜机、非织造布设备等系列的上百种产品，能够为行业提供纺纱、前准备、织造、非织造四大解决方案，涉及纺织行业的各个领域。产品遍及全国各地，并销往全球30多个国家和地区，在各个行业的市场占有率位居前列。

日发纺机正致力于创造崭新的“数字科技”理念，在未来的整机生产中，建立“人流、物流、信息流”的互动平台，实现科技、环境、制造的和谐统一。铸就“信息化、敏捷化、国际化”的机械制造生产基地。

浙江日发纺机技术有限公司系日发纺机全资子公司，注册成立于2009年。公司主要产品为针织圆机、袜机、无缝内衣机、倍捻机、直捻机、假捻变形机、精密并纱（络筒）机，继承日发纺机二十多年的专业经验，致力于打造世界智能化高端纺织机械设备研发与制造基地。



## About Us

Zhejiang Rifa textile machinery co., ltd. is founded in 2002 with a registered capital of 69.487 million yuan. The company is a China national key high-tech enterprises, a key enterprise of the China national machinery industry, a demonstration enterprise of both China national 863 program CIMS engineering and China national CAD application engineering, a China national torch plan high-tech enterprise, and a vice president unit of China textile machinery association. It now holds three subsidiaries: Shandong Rifa textile machinery co., ltd., Anhui Rifa textile machinery co., ltd. And Zhejiang Rifa textile machinery tech co., ltd.

With the vision of “become an agile and international company” and the mission of “Provide users with intelligent textile equipment system solutions, and help users gradually realize the dream of a digital factory”, Zhejiang Rifa Textile Machinery Co., Ltd. is devoted to the area of “digital technology” in mechanical and electrical industry, and has become a well-known textile equipment manufacturer with excellent reputation at home and abroad. For over twenty years, the company has successfully developed four solutions such as spinning, fibre preparation, weaving and non-woven, including blow-room machine, draw frame, rotor spinning machine, air jet vortex spinning machine, two-for-one twister machine, twister machine for tire cord, false-twist texturing machine, precise winding machine( precise rewinding machine), automatic warp drawing machine, air jet loom, water jet loom, rapier loom, terry towel loom, specific loom, circular knitting machine, seamless knitting machine, hosiery machine and non-woven equipment etc hundreds of machines. These products have been distributed to all areas around China and sold to more than 30 foreign countries and regions with a leading market share in each respective industry.

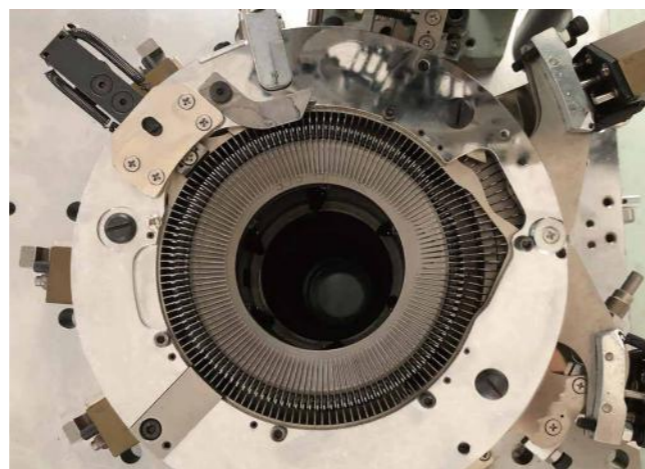
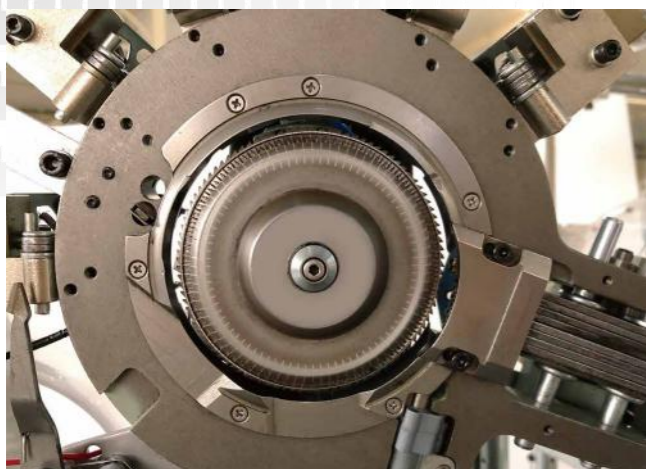
RIFA is devoting itself to create a whole new theory of digital technology, establishing an interactive platform of “people flow, material flow and information flow”, realizing harmony and unify of science and technology, environment and manufacturing, and aiming to become a manufacturing base of “informatization, agility and internationalization”.

Incorporated in 2009, Zhejiang Rifa Textile Machinery Tech Co., Ltd. is a wholly-owned subsidiary of RIFA. The company's main products include circular knitting machine, hosiery machine, seamless underwear machine, two-for-one twister machine, twister machine for tire cord, false-twist texturing machine and precise doubling machine( precise rewinding machine). The company has inherited professional experience of over 20 years in RIFA, and is committed to becoming the world R&D and manufacturing base of intelligent high-end textile machinery and equipment.



## 袜机系列

## HOSIERY MACHINE SERIES



- 走针部件采用精工级制作工艺, 具极高稳定性和耐磨性。
- 无滚筒式全电脑控制系统。
- 具UPS不断电系统, 发生停电时可维持编织记忆程式和动作, 来电时继续完成编织, 降低损耗之高效能电控箱。
- 每台皆内置一只USB接口, 方便资料读取。
- 打跟采双挑、双掀针设计, 使产能、品质皆高于传统单掀针式。
- 超多色设计, 最高可达2口底色+ 5口提花(16色)。
- 气动式道纱系统。
- 橡筋纱由步进马达控制进纱量, 可织出多变化筒径, 并有单、双色供选择(选配)。
- 自动润滑系统, 探电脑微控喷油器。
- 有多种语言可供客户依需要选择来显示故障讯息、处理参考方式、生产数量、速度等资料, 透过机器上LCD来显示, 使操作者容易掌握机器状态。
- 织物密度、速度、长度、尺寸、件数、图形、链条等, 可直接通过机器上主控台电脑做设定或修正。
- 较大记忆容量, 可同时存多种图形尺寸于袜机上。
- 完善故障检测与自我保护系统。
- 新一代绘图系统, 操作便捷, 易学易懂, 功能齐全, PIC 与 BMP 档均通用。

- All material of needles system is adopted the technology of Japan, and have a good stability and durability.
- Drugless and fully computerized control system.
- UPS system to preserve the memory of program and knitting process in case of temporary power failure. When power is restored, machine can continue knitting to reduce the loss and waste.
- Equipped with USB port for easy data reading and storage with USB flash drive.
- Double-picker design during heel knitting. The productivity and knitting quality are superior than the traditional single-picker machine.
- More color options of up to 2 main feeder + 5 pattern feeders (16 colors).
- Pneumatic system to control yarn finger.
- Stepping motor to control elastic yarn feeder for various course sizes, with options of single or two colors.
- Automatic lubrication system. The oil injection is controlled by microcomputer.
- LCD panel, with various languages available for choices to display error message, processing reference, production quantity, speed...and so on. It allows the operator to easily monitor and control the machine conditions.
- Stitch quality, speed, course length, size, quantity, pattern, chain program, etc. can be controlled and setup by machine computer panel.
- Large memory capacity for storage of more pattern programs.
- Auto testing, error sensors and self-protection system.
- New version of graphic design system. User friendly, easy to learn and operate. PIC and BMP format both acceptable.

全电脑棉袜机（常规机型）  
FULLY COMPUTERIZED SOCKS KNITTING MACHINE (REGULAR MODEL)



全电脑棉袜机（常规机型），适用棉纱、锦纶、丙纶、涤纶、粘胶等多类原材料，有织造多颜色、任意提花、多口径等特色，广泛应用于织造各式男袜、女袜、童袜，涵盖平板、毛圈（任意毛圈）、隐形、五指等功能袜类产品的生产。其主要特点如下：

- 先进的走针设计，使生产效率大幅提升，常规产品运行速度可达350转以上。
- 采用超多色花型设计，最高可达15种花色。
- 配置智能的操作系统，具有完善的故障检测与保护功能。
- 精研毛圈工艺、先进的编织部件，使各类毛圈产品花型清晰，稳定高效。

Full computerized hosiery machine (Regular model), suitable for cotton yarn, nylon, polypropylene, polyester, viscose and other raw materials, with the characteristics of knitting various colors, arbitrary jacquard, multi-caliber etc., applicable to knit men's, women's, kid's socks, including to produce plain, terry (selective terry), invisible, five toes and other functional socks. Its main features are as follows:

- The advanced design of needle control system greatly improves the production efficiency, the running speed of plain knitting can reach more than 350 rpm.
- Multi-colors options of up to 15 kinds colors.
- Equipped with intelligent operation system, it has perfect auto testing, error sensor and self-protection function.
- Excellent development of terry knit technics and advanced knitting components make the pattern clear on terry products, stable and higher productivity.



本产品有可靠的自动对目缝头结构,是具有织袜、对目缝头、翻袜一次性完成的全电脑单针筒提花袜机。广泛适用于编织各式新款和高档男女棉袜、毛圈运动袜、任意毛圈袜、隐形袜、长筒袜等产品。与传统织袜工艺比较,一体机具有以下优势:

- 工艺简化,织袜与缝头同步进行,生产效率提高。
- 成本节约效果明显:废纱减少,原料成本降低;省略缝头环节,无需额外添置缝头设备;操作工人减少,劳动力成本降低。
- 真正高质量的对目缝头,提高了袜子平整度,穿着更舒适,更耐磨。

Equipped with a stable stitch by stitch linking device, it's fully computerized single cylinder socks knitting machine integrated with knitting, linking and turning-out. It can knit new fashion socks, qualified men and women cotton socks, sports socks, selected terry socks, invisible socks and stockings etc. Comparing with conventional socks production, all-in-one socks knitting machine has the following advantages:

- Simplify production process, synchronous knitting and linking, enhance production efficiency.
- Save cost in raw material due to less waste yarn. No need invest linking machine due to without separate linking process. Save labor cost due to less operators.
- Areal qualified stitch by stitch linking technology guarantees socks finishing, more comfort and resistance.

型号	全电脑棉袜（常规机型）				全成型棉袜一体机	
筒径	3.5"	3.75"	4.0"	4.5"	3.5"	3.75"
功能	平板/五指/ 毛圈(两用) /压力/隐形	平板/五指/ 毛圈(两用) /压力/隐形 /任意毛圈	平板/毛圈		平板/毛圈	任意毛圈/ 毛圈(两用) /平板
针数	84-220		84-240	72-240	96-200	
最高转速 (RPM)	350				350	350
动力 (KW)	驱动马达		1.2		1.78	
	吸风马达		1.10		3	
	控制箱		0.80		1	
电压(V)	220/380/415				220/380/415	
净重/毛重 (KG)	300/350				350/400	
尺寸(CM)	整机尺寸: 150X120X240 包装尺寸: 83X76X170				整机尺寸: 120X160X250 包装尺寸: 116X106X196	

Model	Fully computerized socks knitting machine (Regular model)				Fully automatic intelligent all-in-one socks knitting machine	
Cylinder diameter	3.5"	3.75"	4.0"	4.5"	3.5"	3.75"
Function	Plain / terry (plain&terry)/ five-toes / medical compression socks / invisible socks	Plain / terry / plain & terry / five-toes / medical compression socks / invisible socks / selected terry	Plain / terry		Plain / terry	Plain / terry / selected terry
Needle count	84-220		84-240	72-240	96-200	
Maximum Speed(RPM)	350				350	350
Power (KW)	Servo		1.2		1.78	
	Fan motor		1.10		3	
	Controller		0.80		1	
Voltage(V)	220/380/415				220/380/415	
Nw/Gw(KG)	300/350				350/400	
Dimension(CM)	Machine size:150X120X240 Package size:83X76X170				Machine size:120X160X250 Package size:116X106X196	