



山东日发纺织机械有限公司

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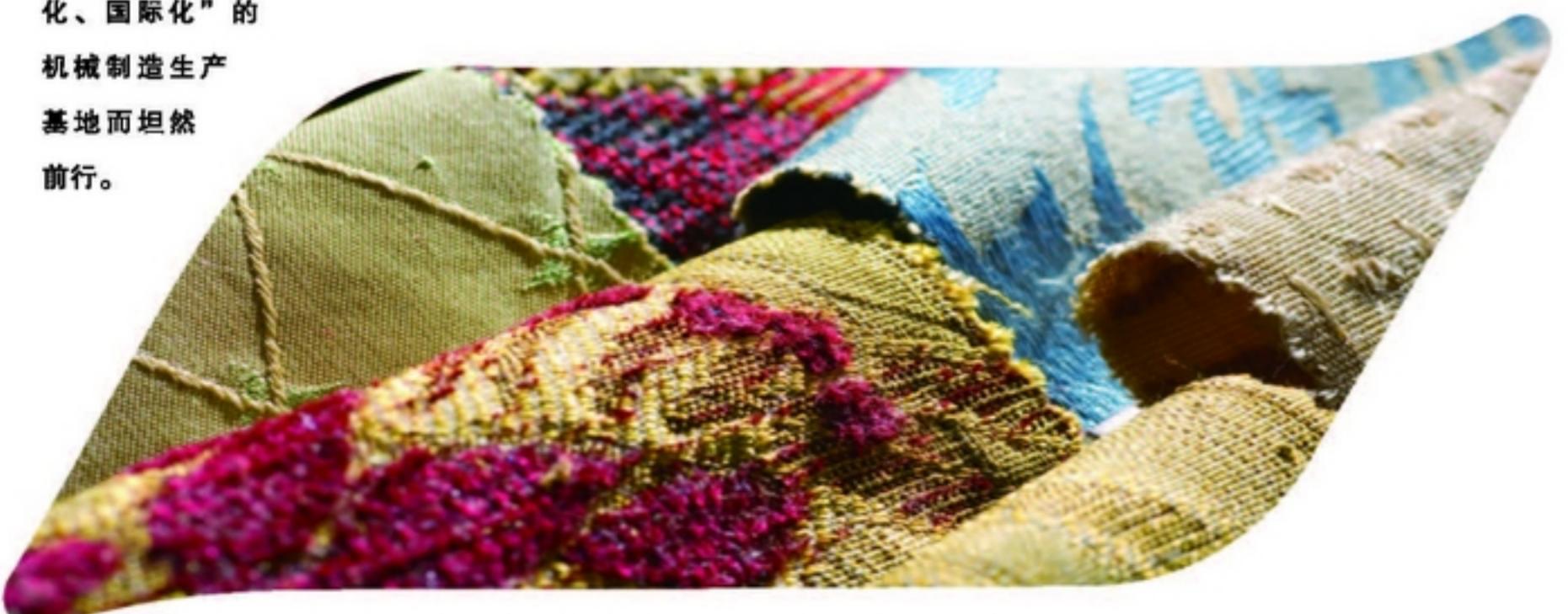
本样本仅供参考, 不作为技术验收的依据。
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This brochure is only for your reference, not for any basis of checking and acceptance.
To keep up with advancement technology, we reserve the right to change the specifications without prior notice.

Loom System
Rapier loom 纺织系统 / 剑杆织机

山东日发纺织机械有限公司是由浙江日发纺织机械有限公司控股、聊城市昌润投资发展有限责任公司和部分员工共同出资组建的具有独立法人的有限责任公司。公司拥有自营进出口权,通过了ISO9001: 2000质量管理体系认证,是“国家高新技术企业”。企业技术中心为“山东省剑杆织机工程技术研究中心”。

山东日发致力于研发、制造具有国际水准的各类无梭织机,主要产品为系列剑杆织机、毛巾织机、喷气织机、喷气毛巾织机、喷水织机。公司是有近二十年专业生产高档无梭织机的历史,已有几万台织机销往欧洲、亚洲、非洲等十几个国家及全国20多个省市区。目前织机可适于各种纤维,如棉、毛、丝、麻、以及特种纱;涉及多个领域,如毛巾、棉、毛、丝的时装面料和家纺装饰布、工业用布等,多数填补了国内织造行业的空白。

公司以成为“敏捷化的国际性公司”为愿景,以“在机电产品制造领域向客户提供工业加工过程的单台设备、工段、车间、组合生产线,协助客户实现数字化工厂的梦想”为使命,致力于创造崭新的“数字科技”理念,在未来整机生产中,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而坦然前行。



Loom Engineering Technology Investigation Center.

Shandong Rifa is the main base of shuttleless loom manufacture and investigation; the company is devoting herself intomanufacturing all kinds of shuttleless looms with the leading main products of air jet looms,rapier looms, terry looms of rapier and air jet, water jet looms. The company is one of the earliest manufacturers for rapier looms in China, has more than 20-year professional experience of manufacturing rapier looms, more than thirty thousand looms were sold in Europe, Asia, Africa, etc. At present the machines we manufacture includes cotton loom, worsted loom, slab wool loom, linen loom, ramie loom, jute loom, denim loom, silk loom, terry loom, jacquard loom, label loom, wide width upholster fabric loom, industrial & percolation fabric loom, special net fabric loom, etc.

“Become a quick response international enterprise” is our target, and supply to the customers with single equipment,workshop section, workshop, combined product line in the area of machinery-electronic industry, assisting our customers realize their dreams of digital factory which is also the mission of RIFA. Shandong Rifa Textile Machinery Co., Ltd. devoting itself to create a whole new theory of digital technology, establishing the interactive platform for people flow, material flow and information flow, realizing harmony & unify for science and technology, environment and manufacturing.

Shandong
Rifa Textile
Machinery Co.,
Ltd is controlled and
founded by Zhejiang
Rifa Textile Machinery
Co., Ltd ,Liaocheng Chang
run Investment Development
Co., Ltd. as well as some
managerial persons and staff.
The company has got ISO9001:2000
Quality System Certificate; it is
Shandong Province High-technology
Enterprise and Investigation & Research
Center, also is Shandong Province Rapier



RFRL31 系列高速剑杆织机

RFRL31 SERIES HIGH SPEED RAPIER LOOM

山东日发纺机一直致力于纺织技术增值的研究，使客户更经济的生产出更好的产品。RFRL31 节能高速剑杆织机的成功开发便立足于此。高效的织造、强劲的打纬力、良好的高速稳定性、先进的电气控制系统、便捷的操作性是织机的独有特色，RFRL31秉承 RFRL30 织机的卓越性能，采用超启动马达直接驱动，由最先进的 SRD 电子调速系统控制，织物品质好，功率因数高，能耗低，同等织造条件下比使用传统电机平均节能 20 %以上，是一款达到国际先进技术水平的高效节能型高档剑杆织机。

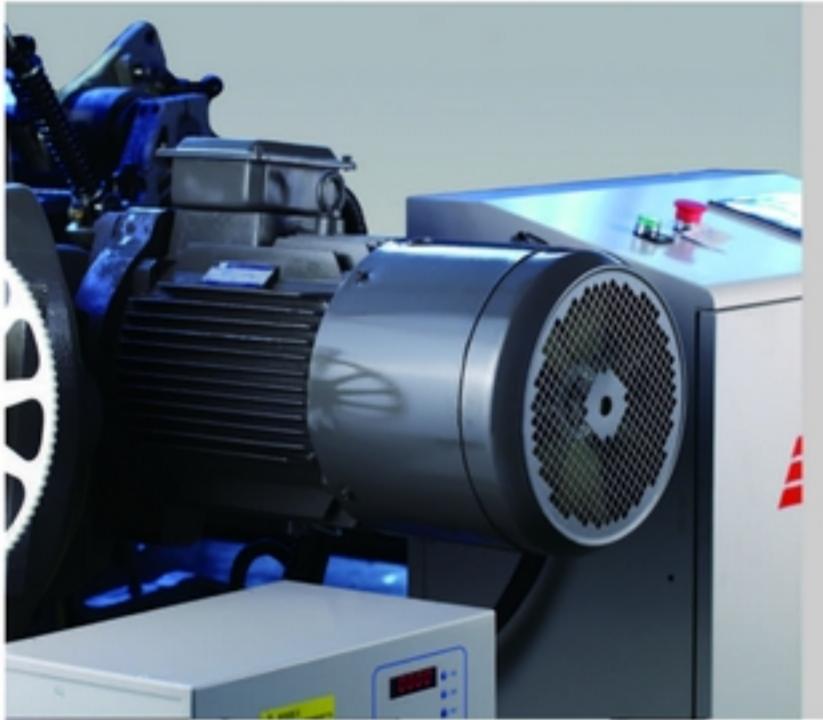
Shandong Rifa Textile Machinery Co., Ltd. always devotes herself to value-added study for textile technology, helping customers to get better production with economic cost. It is the basic of RFRL31 power-saving high speed rapier loom's successful development. High productivity, powerful beating force, best stability with high speed, advanced electric control system, easy operation are Characteristics of the loom. RFRL31 is developed from RFRL30, adopts super direct motor to drive loom, the speed is controlled by the most advanced SRD system, can ensure perfect fabric quality and save power, at same condition RFRL31 can save more than 20% power than normal motor, it can reach the top class level of the best international high speed rapier looms.

【广泛织造，高效产出】

RFRL31 是用途广泛的系列高速剑杆织机，最大入纬率 1350 米 / 分；筘幅范围达 170 ~ 360cm；可织造各种类型的产品：棉布织物、牛仔布、精 / 粗纺毛呢织物、人造丝、合成丝、丝绸织物、灯芯绒、呢绒织物，室内装饰用的全棉和混纺织物、亚麻织物，轻薄和中厚工业用滤布、玻璃纤维等织物。

[Wide Weaving Versatility High Production]
RFRL31 is a high speed rapier loom with wide weaving versatility, Filling insertion rates up to 1350m/minute; reed space range 170-360cm; it is suitable to weave various fabrics such as wool fabric, cotton fabric, denim, corduroy, rayon, synthetic filament, silk, upholster fabric, industrial & percolation fabric, filter cloth, linen, glass fiber etc.





【新型节能高效动力】

RFRL31 采用超启动马达直接驱动，取消主传动离合器及皮带，强力高效的直接传动链，极大降低能源消耗及故障率，减少维护成本。

【New Type Power-saving Motor】

RFRL31 adopts super direct motor to drive loom instead of clutch and belt, high power direct transmission chain can much reduce power consumption, fault and maintenance cost.



【数字化自动控制】

应用多核心多总线控制技术，全面实现数字化控制。高性能 CPU 微处理器管理和监控所有电控单元，实现多种自动化功能：织口自动补偿、自动寻找织口、张力自动调整、自动控制织边校边时间、储纬器自动切换、空打纬、网络监控、故障自诊断等，确保织物品质完美。

【Digital Control System】

Achieve overall digital control through multi-nucleus and multi-bus control technology. Advanced CPU can manage and completely make the machine have multi-autointernization functions: cloth fell auto-compensation , auto pick finding, tension auto-adjustment, autocontrol selavage time, auto feeder switch, empty beating , network monitoring,fault self-diagnosis,ensure fabrics having perfectly quality.

【操作维护快捷方便】

人性化友好操作界面，USB 接口，可即时设定、调整各种工艺参数，进行工艺编程。

【Easy Operation】

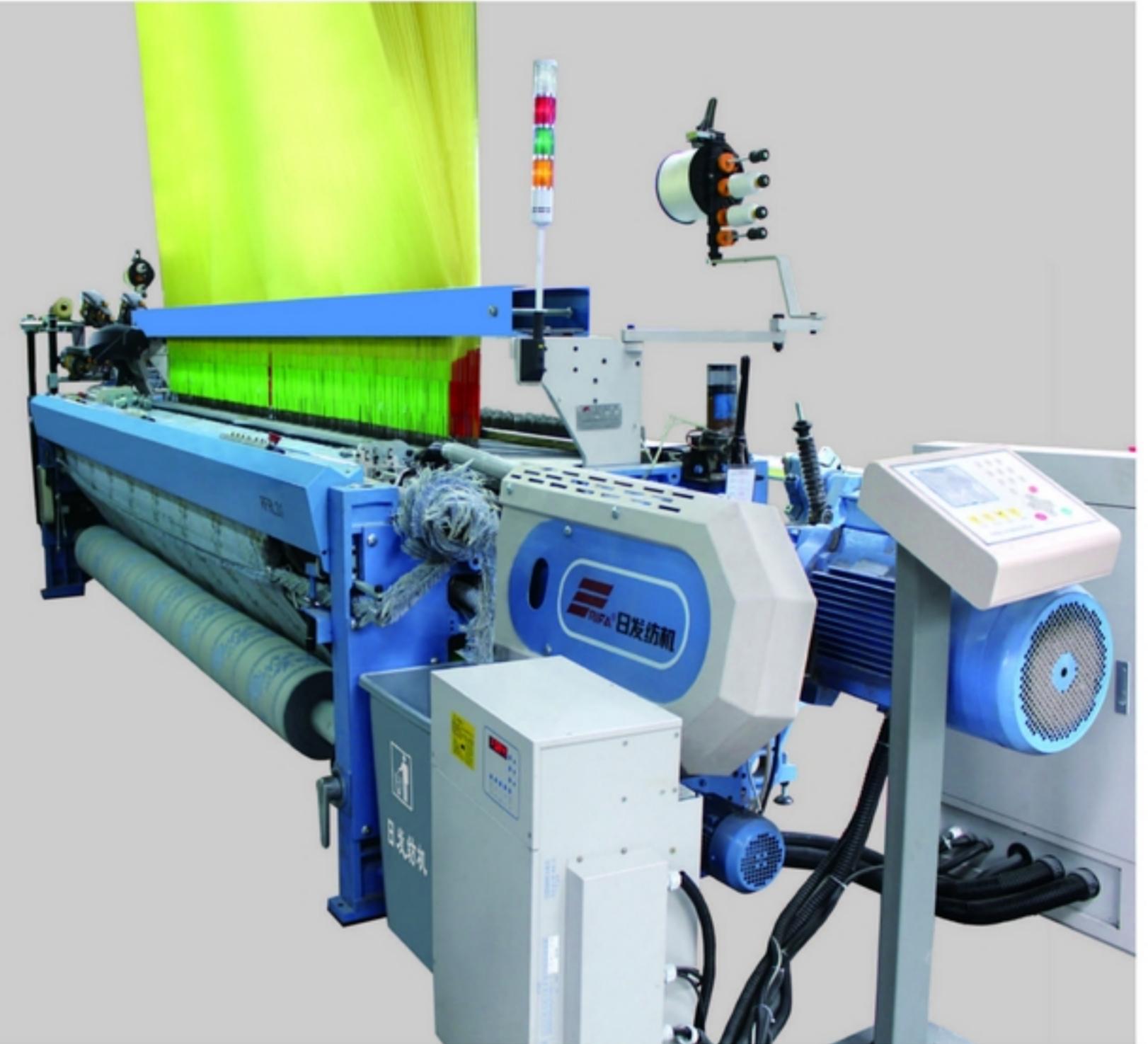
Humanized and friendly interface for customers make operation easy and quick, adjusting various parameters and make technological programme.

【先进电子调速系统】

织机转速在操作界面任意设定，调速范围宽，快速启动，准确定位刹车，可实现无级变速和织造中的自动变速，有效减少纱线断头和开车痕，满足不同品种纱线和织物的需要。

【Advanced Speed Control System】

The speed can be set up at will on panel. Wide speed adjusting range, quick start and accurate brake can realize stepless speed adjusting and automatic speed change during weaving. Which can efficiently reduce yarn breakage and start mark.

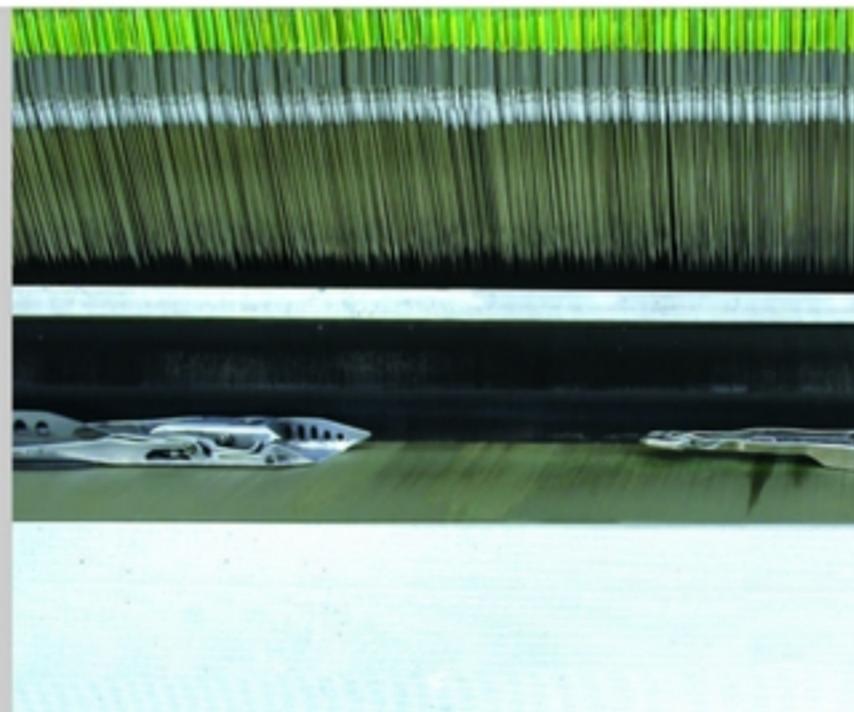


【电子多臂·提花开口装置】

采用适宜高速的电子多臂机，最多可驱动 20 片综框。运动精确可靠，承载力大，开口设计合理，利于高速织造。利用 RFRL31 先进模块化平台的高速提花织机采用加强传动机构，实现大功率超强扭矩传递。

【Electronic dobby & jacquard shedding motion】

Adopts high speed electronic dobby, it can drive 20 heald frames with accurate and stable performance . Using the advanced modularization of RFRL31 with strengthened transmission device, the jacquard RFRL31 can weave top grade jacquard fabrics.



【无导钩技术】

由“空间曲柄连杆”驱动，具有最佳加速度曲线和速度曲线，纬纱交接准确平稳。无导钩引纬，可避免对纱线的任何损伤，特别适用于高档高密织物的织造。

【Free Flight Without Guide Hooks】

Insertion is driven by "space crank linkage" with the best acceleration curve and speed curve, the weft exchange is accurate and stable. The Free Flight insertion system without guide hooks can avoid any hurt to warps, especially suitable to weave top grade high-count & high-density fabrics.

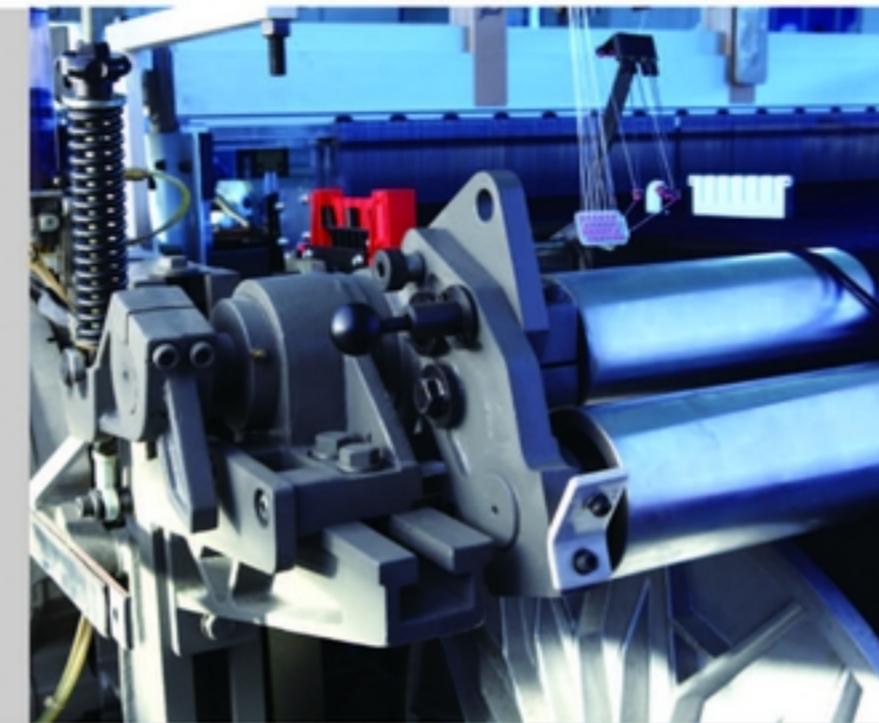


【电子绞边·电子选纬装置】

由特种转角电机或步进电机驱动，从控制面板进行时间或角度的单独设定，精确控制绞边纱的交叉动作和每个选纬指的动作，最有效地控制纬线牵伸，稳定纬纱最佳张力。

【Electronic Leno Selvage & Weft Selector】

It's driven by special rotation motor or step motor, through panel to set the time for leno motion and false selvage units separately, exactly control weft cross motion, can suit widest weaving range, and can control the weft tension exactly.



【加强式后梁】

加强摆动式后梁，有效平衡织造过程中经纱张力的变化，针对不同张力的织物配有不同的后梁结构。

【Reinforced Back Rest】

Strengthen the oscillating single back rest, effectively balance the change of warp tension. equipping different back rest structures based on different tensions of fabric.



【电子送经·电子卷取系统】

采用先进的电子伺服控制，通过张力传感器存储并感应经纱张力，根据设定纬密和张力，CPU 进行综合处理，保持送经 / 卷取与织机精确同步，消除稀密路横档。

【ELO & ETU】

ELO & ETU (Electronic let-off & electronic take-up) system is controlled by advanced electronic servo. Warp tension is sensed and stored through tension sensor; CPU handles the changing of warp tension according to the weft density and warp tension preset, it keeps the let-off /take-up motion synchronous, avoid density marks.



【集中润滑系统·水冷散热装置】

采用微电脑控制技术，对高速运转的关键部位进行强制喷淋润滑，提高织机零部件的润滑条件，减少磨损，延长使用寿命，充分保障织机的高速运转。系统配有微细滤油装置以除去所有的杂质，灵敏的压力传感器及控制显示装置能随时监控系统运行状况，保证织机在良好润滑状态下工作。织机可选配水冷散热装置，利用水路循环降低整机温升，提高整机的使用效果。

【Centralized Lubrication System: Water Cooling Device】

Adopts micro control technology to lubricate the high speed running pivotal parts in forced bath, this can increase the lubrication condition to extend the life of the machines and ensure high speed working. Equipped with oil filter which can remove all impurities, the working condition can be monitored through sensitive pressure sensor and control panel. Water cooling device can be equipped to low the machine temperature to ensure working stable.



RFRL30 高速剑杆织机是高速织机家族的一员。RFRL30 主传动系统由异步电动机驱动高性能电磁离合器，高速启动扭矩大、制动性好、运行稳定。

RFRL30 is one of the Rifa high speed rapier looms, RFRL30 adopts asynchronous motor to drive electromagnetism clutch with high speed start and big torque, accurate brake and stable working.



RFRL20 高速剑杆织机
RFRL20 HIGH SPEED RAPIER LOOM

RFRL20 高速剑杆织机秉承日发纺机先进机型成熟技术，以节能低耗、高速高效、低振动、减噪音为设计理念而开发的一款高速剑杆织机。采用超启动马达直接驱动，可无级变速织造，同等织造条件下比使用传统电机平均节能 15% 以上。在高速化、低振动、省能源等方面表现的更加卓越，是目前织机性价比最优产品之一。

RFRL20 high speed rapier loom is developed from the existing advanced rapier loom technology of Shandong Rifa Textile Machinery Co.,Ltd. It's designed for power saving, high speed & high efficiency, low vibration & low noise. RFRL20 adopts super direct motor with function of stepless speed change. More than 15% power can be saved than normal motor. It shows great performance on high-speed, low vibration and power saving. RFRL20 high speed rapier loom is one of the best choices for economic weaving.





【特性设计广泛织造】

对织机开口、引纬、送经、卷取等机构进行特殊设计，适应品种广，可织造牛仔布、白坯布、粗纺呢绒、劳动布和灯芯绒布、室内装饰用全棉和混纺布、轻型和中厚型工业纤维、亚麻布、玻璃纤维等。

【Special Design & Flexible Weaving】

The main mechanism of RFRL20 such as shedding ,insertion, let-off and take- up is designed especially for wide weaving versatility. It's suitable to weave various fabrics such as denim, grey cloth, synthetic filament, upholster fabric, industrial & percolation fabric, filter cloth, linen, glass fiber etc.



【自动化功能】

超启动马达的应用可直接驱动织机慢动、寻纬等动作，提供超强动力。高度自动化数字控制技术的应用，使织机具有多种自动化功能：织口自动补偿、自动寻找织口、张力自动调整、网络监控、故障自诊断等，确保织物品质完美。

【Automatic Function】

The super motor can directly drive the loom motion of inching and pick finding etc. Applying automatic control technology completely make the machine have multi-automatic functions: cloth fell auto-compensation, autopick-finding,tensionauto adjustment. network monitoring, fault self-diagnosis, ensures fabrics having perfect quality .

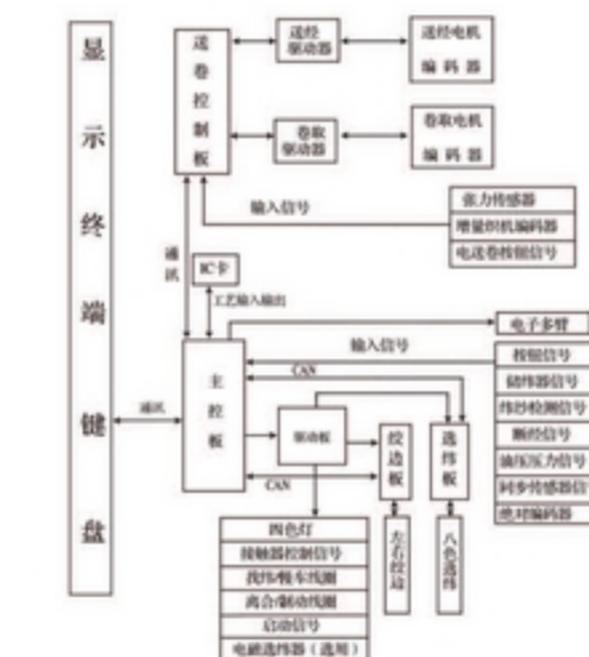


【高效节能无级调速】

RFRL20 动力采用专利开关磁阻电机，启动力矩大、制动性好、低耗节能、运行稳定性优越。可实现无级调速和织造中的自动变速，满足不同品种纱线和织物的需要。

【High-efficiency Driving & stepless Speed Change】

RFRL20 adopts switch reluctance motor, It has stable performance of powerful starting torque, quick break, power saving. The weaving speed can be changed at will to fit different yarn and fabric weaving.

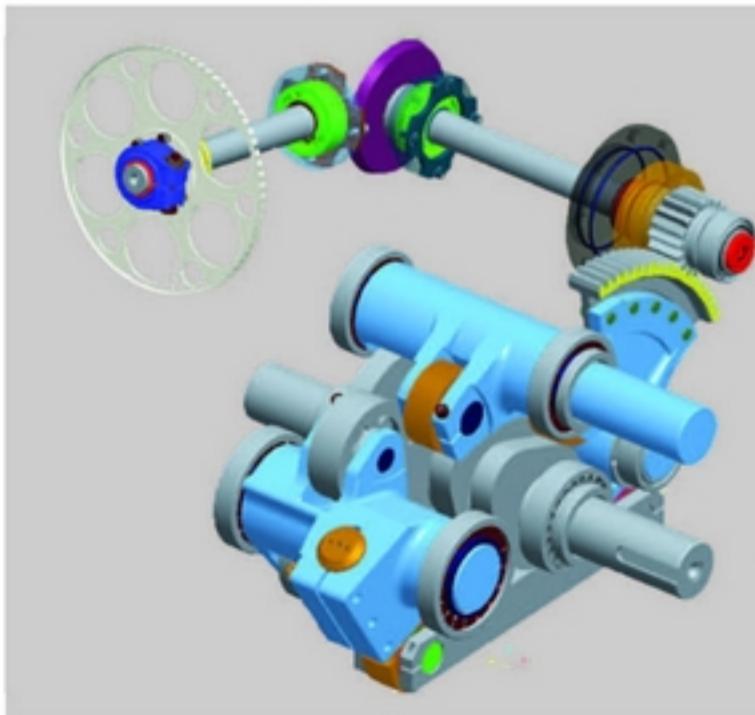


【全面数字化控制】

高性能 CPU 微处理器管理和监控所有电控单元，通过输入输出接口控制外接设备（多臂机或提花机等）。快速采集、监测织机状况，进行实时数据交换，及时进行自动控制和调整，做出故障显示和诊断。

【Advanced Digital Automatic Control】

Advanced CPU can manage and scout all the external equipments (electronic dobby /Jacquard) through input /output interface, all the parameters/ data can be restored and transferred easily through USB. The control system can quickly collect and scout the loom situation, and make automatic control and adjustment in time, and show the error diagnoses.



【精密制造低噪音】

全新立体设计和计算机解析，实现了包括横梁连接、卷布绕取在内的机架构造的最佳化、打纬机构轻量化和最适度的平衡化以及运动部件的精密化确保了整机的低噪音。

【Precision Manufactured & low noise】

Newly designed by 3D designing software, RFRL20 have the optimal and stable structure of frame connection, let- off and take-up etc. The beating motion is stable and lightsome, The precisely components make each motion balance and low-noise.



【操作快捷方便】

人性化的友好操作界面，使用方便、效率高、信息量大。采用大屏幕显示，能实现双向通讯，可即时设定、调整各种工艺参数，进行工艺编程。

【Easy Operation】

Humanized and friendly interface for customers make operation easy and quick. Adopts big LCD screen display which can make intercommunication and instant setting and adjusting various parameters and make technological programmer. Applying equipment for quick style changes make adjustment and operation easier, reduced maintenance time maximally.



GA731-II 系列剑杆织机

GA731-II RAPIER LOOM

GA731-II 剑杆织机是精湛的专业技术与数十年制造经验的结晶，技术成熟、性能稳定、简便易用、多项功能、高性价比是其独有特色。以市场需求为出发点，针对不同织物的特点，在基本机型的模块化平台上开发出各种系列化特种织机：提花织机、黄麻织机、工业用布织机、阳光面料织机、网络布织机等，能充分满足各种需要，为用户带来丰厚回报。

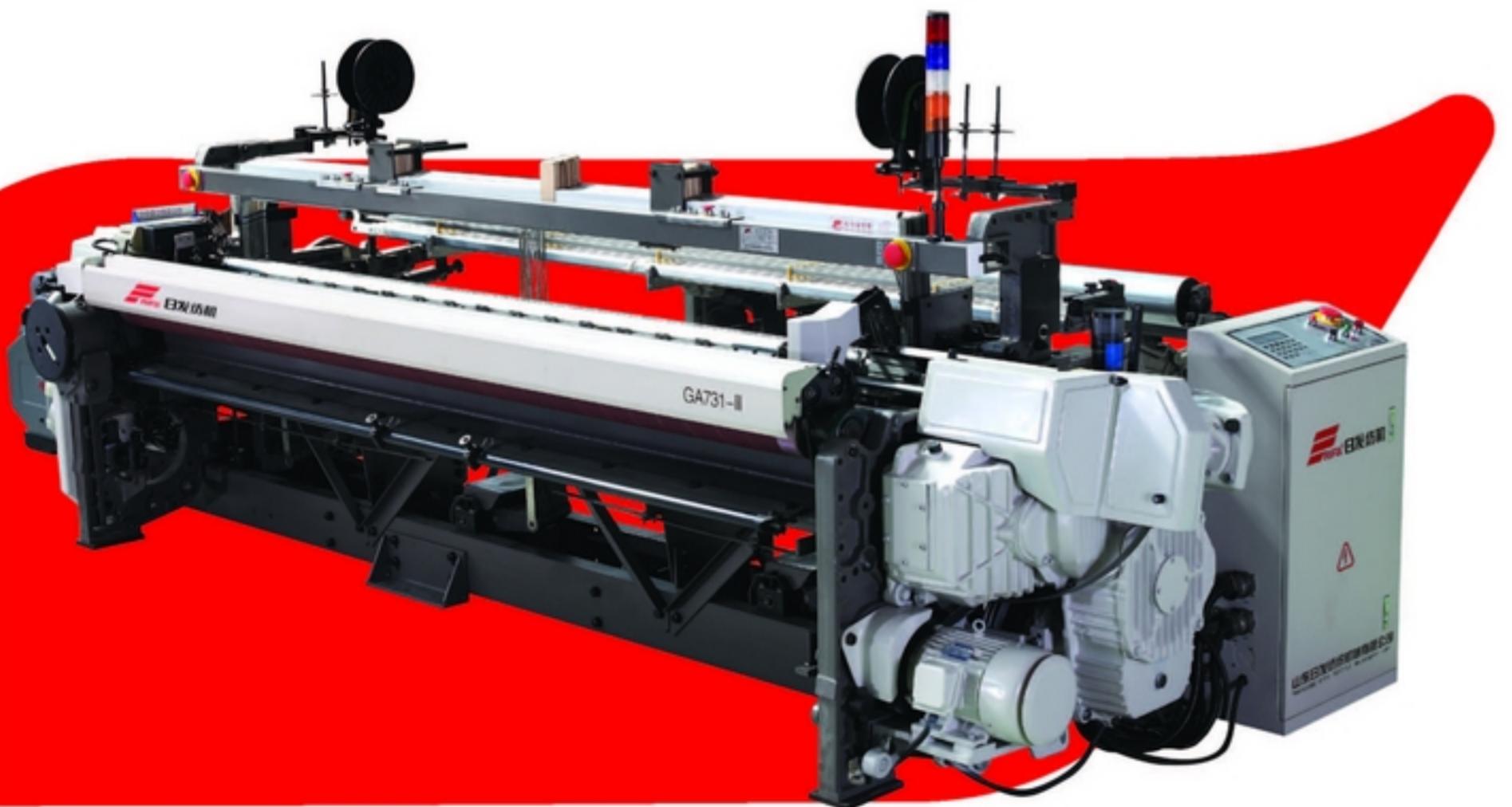
GA731-II rapier loom is the perfect outcome based on consummate & professional technology and tens of years manufacturing experience. GA731 looms have the advantages such as ripening technology, stable performance, easy operation, multi functions, high performance, etc. Based on market demand and features of various fabrics, we developed several series special looms from basic GA731 loom such as jacquard looms, jute looms, industrial fabric looms, sunscreen fabric looms and net fabric looms and so on. which can meet various requirements for different fabrics and bring good return to customers.

【广泛的织造】

适合织造各种天然、人造和合成纤维。适于家居、装饰、旅游、土木工程、工业等各领域的棉织、呢绒、亚麻、真丝、化纤、阳光面料、黄麻、玻璃纤维、扁平丝、提花、绞织等织物的织造。

【Weave Widely】

It can weave all kinds of nature fiber, rayon and synthetic filament. It is most suitable to weave all kinds of fabrics involved the fields of furnishings, upholster, tour, sivil engineering, industry, such as wool fabric, linen, silk, cotton, Chemical fiber, sunscreen fabric, jute, glassfiber, flat yarn, jacquard, leno weaving, etc.



【织造提花织物】

采用八色电子选纬装置，具有自动寻纬及防纬挡功能。先进的MC型车机构，可有效防止因倒车不到位而引起的布面质量，保证了高质、高效的织造效果。可织造家用装饰、工业装饰领域的窗帘布、沙发布、汽车座椅面料等各种复杂图案的大提花装饰织物、提花商标织物。

【Jacquard Fabrics】

Adopts 8 color electronic selector with functions of automatic pick-finding and anti-mark to ensure perfect production. This model loom can weave upholster fabrics, industrial curtains, sofa fabrics, auto seat fabrics, label fabric and so on.



【织造网络布】

开口机构特殊设计，使原相邻经纱平行延伸织造为相互缠绕织造并与纬纱形成网状结构，适于墙体、铺路、楼顶等所需网状土工布及网状窗纱类织物的织造。

【Net Fabrics】

Shedding device is specially designed to weave net fabrics for the structure purpose of wall, road, roof etc.

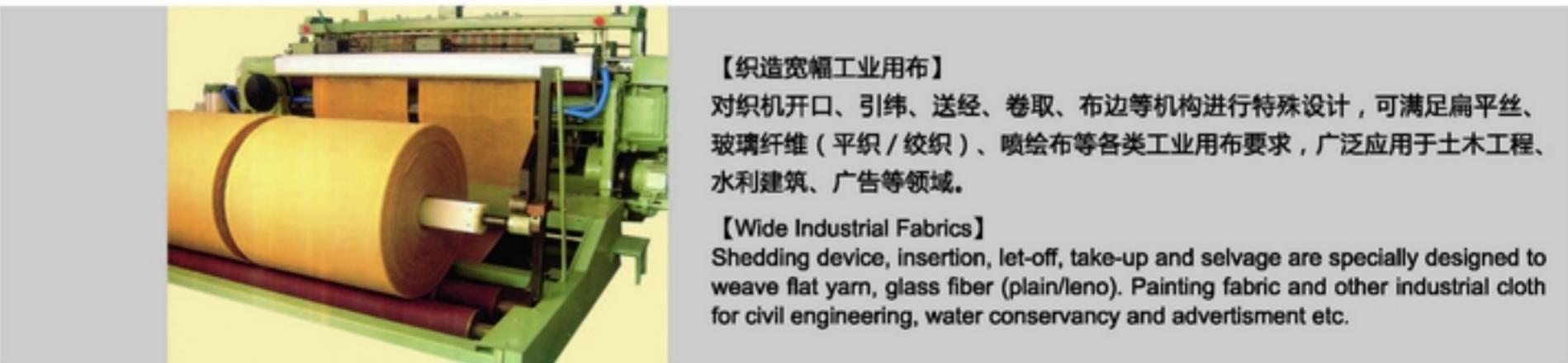


【织造旅游休闲用品】

针对特种织物需要，进行独特设计和制造。应用于酒店、旅游休闲、户外运动等领域各种织物的织造。

【Sport Fabrics】

This model is designed to weave sport fabrics for hotel, journey, sport etc.

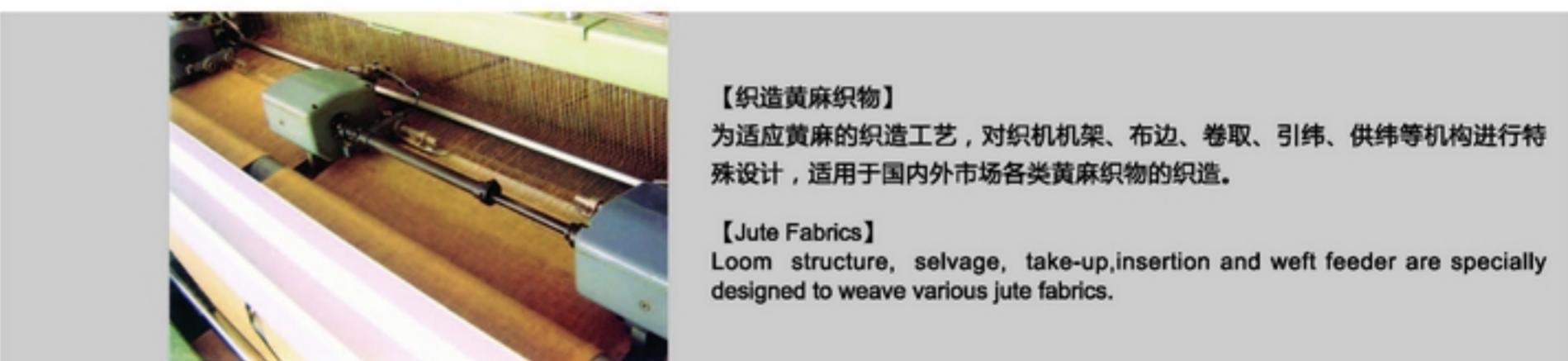


【织造宽幅工业用布】

对织机开口、引纬、送经、卷取、布边等机构进行特殊设计，可满足扁平丝、玻璃纤维（平织/绞织）、喷绘布等各类工业用布要求，广泛应用于土木工程、水利建筑、广告等领域。

【Wide Industrial Fabrics】

Shedding device, insertion, let-off, take-up and selvage are specially designed to weave flat yarn, glass fiber (plain/leno). Painting fabric and other industrial cloth for civil engineering, water conservancy, advertisement etc.



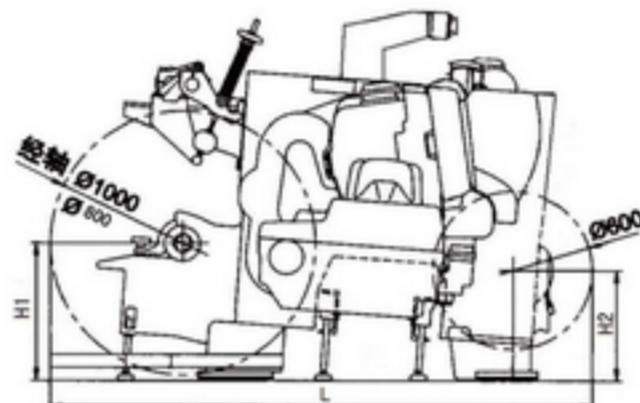
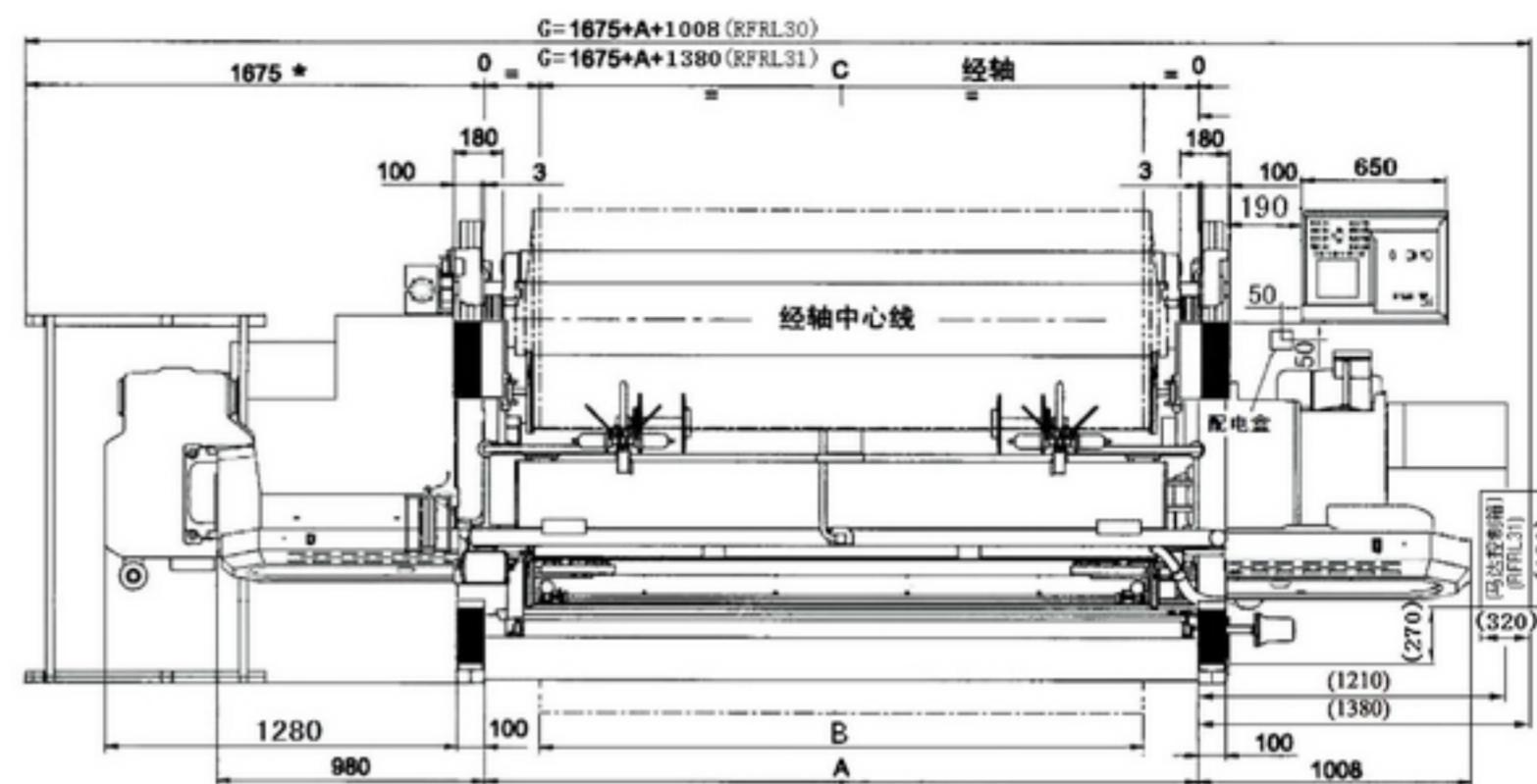
【织造黄麻织物】

为适应黄麻的织造工艺，对织机机架、布边、卷取、引纬、供纬等机构进行特殊设计，适用于国内外市场各类黄麻织物的织造。

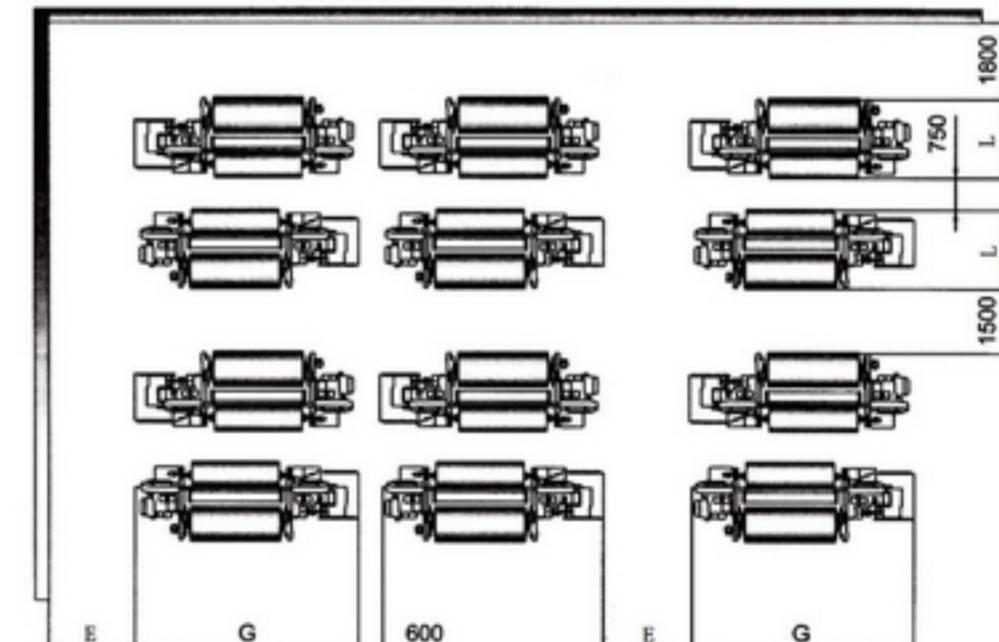
【Jute Fabrics】

Loom structure, selvage, take-up,insertion and weft feeder are specially designed to weave various jute fabrics.

项目 Item	规格 Specification
筘幅 Reed width	公称筘幅: 170、190、200、220、230、240、260、290、320、340、360cm 有效筘幅: 公称筘幅减去0~80cm
	Nominal: 170、190、200、220、230、240、260、290、320、340、360cm Working reed width: reduce 0-80cm from nominal width
织造范围 Yarn range	棉及合成纤维纱: 500tex(1.2Ne)~5tex(120Ne) 粗和精毛纱: 680tex(1.5Nm)~10tex(100Nm) 长丝: 10dtex (9Td)~1650dtex (1500Td) 织物重量: 20~850克/米 ²
	Cotton and man-made fiber yarn: 500tex(1.2Ne)~5tex(120Ne) Slub & worsted: 680tex(1.5Nm)~10tex(100Nm) Filament: 10dtex (9Td)~1650dtex (1500Td) Fabric weight: 20~850g/m ²
织机速度 Weaving speed	设计转速: 700转/分 工艺转速: 450~650转/分(依筘宽配置定) 最大入纬率: 1350米/分(依筘宽配置定)
	Designed speed: 700rpm Working speed: 450~650rpm (rest with its reed space) Insertion rate: 1350m/min (rest with its reed space)
纬纱 Weft	纬纱选择: 4~8色, 线性电子选纬器, 或步进电子选纬器 储纬: 定鼓存储式电子储纬器 纬剪: 机械式
	4-8 color, electronic selector with linear motor or step motor Accumulator: FPD electronic accumulator Weft cutter: mechanical
动力 Power	传动控制: 超启动马达直接驱动或7.5kw三相异步电机、电磁离合控制器
开口 Sheding	高速电子多臂机, 最多20片综框, 或积极式凸轮开口, 最多8片综框 电子提花机
打纬 Beating	双侧共轭凸轮带动筘座
引纬 Insertion	空间曲柄连杆机构, 无导钩
送经 Let-off	连续式交流伺服电子送经 单经轴、双经轴 边盘直径: Φ1000mm、Φ800mm
	Continuous alternative current servo electronic let-off Single beam、twin beam Flange dia.: Φ1000mm、Φ800mm
卷取 Take-up	连续式交流伺服电子卷取 机内卷布Φ600mm, 机外卷布Φ1200mm 纬密范围: 2~200根/厘米
	Continuous alternative current servo electronic take-up Cloth roller dia. Φ600mm max. Pick density range: 2-200 picks/cm
布边 Selvage	绞边装置: 线性电子绞边, 或步进电子绞边 边剪: 机械式, 可选电子式 边撑: 左右独立边撑, 可选全幅边撑
润滑 Lubrication	集中压力供油喷淋润滑、油浴润滑
停车装置 Stop motion	经停: 6列或8列电气触点式停经装置 纬停: 电子式高灵敏压电检测装置 其它: 绞边纱、废边纱断头自停 停车显示: 控制面板显示停车原因, 多功能4色灯停车显示
自动功能 Automatic	自动定位停车/慢速寻纬/织口补偿/调整经纱张力, 自动检测/复位/故障显示
电气控制 Electric controlling	控制: 多功能CPU控制系统, 能控制、监控、自动诊断、信息显示 显示: 触摸屏或大液晶屏显示双向通讯, 即时调整/设定参数、编程



边盘(mm)	L(mm)	H1(mm)	H2(mm)
Φ 1000	2033	527	428
Φ 800	1837	439	332



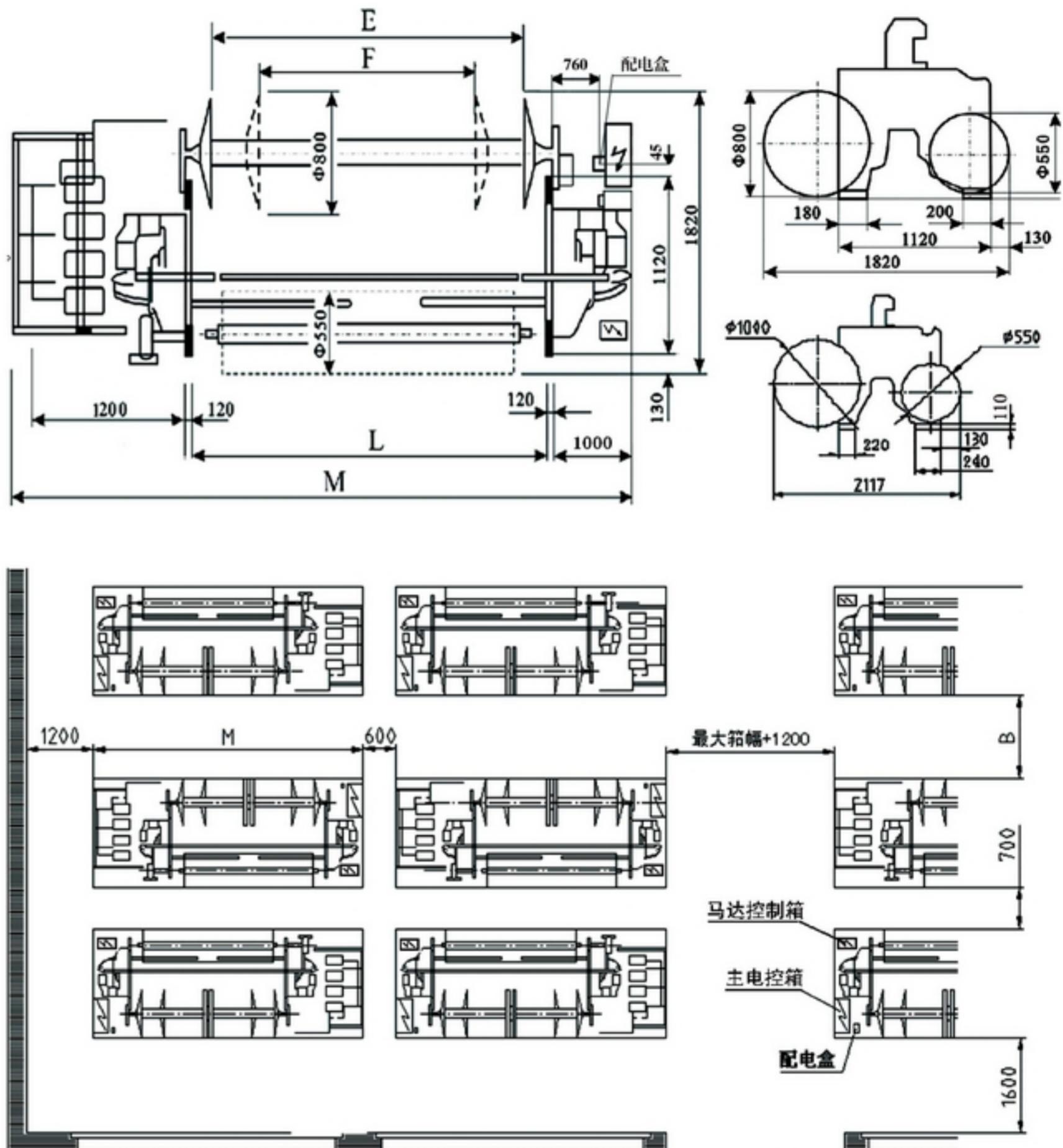
LP	A	B带假边织物		C经轴		E	RFRL30	G	RFRL31
		最大	最小	最大	最小				
170	2100	1700	900	1700	910	3300~3600	4783	5155	
190	2300	1900	1100	1900	1110	3500~3800	4983	5355	
200	2400	2000	1200	2000	1210	3600~3900	5083	5455	
220	2600	2200	1400	2200	1410	3800~4100	5283	5655	
230	2700	2300	1500	2300	1510	3900~4200	5383	5755	
240	2800	2400	1600	2400	1610	4000~4300	5483	5855	
260	3000	2600	1800	2600	1810	4200~4500	5683	6055	
290	3400	2900	2100	2900	2110	4500~4800	6083	6455	
320	3800	3200	2400	3200	2410	4800~5100	6483	6855	
340	4000	3400	2600	3400	2610	5000~5300	6683	7055	
360	4200	3600	2800	3600	2810	5200~5500	6883	7255	

图例为RFRL30/RFRL31织机的多臂型, 仅RFRL31织机配马达电控箱。本图仅供参考, 具体需依厂房和设备实际适当调整。其他机型尺寸及布置图, 请见《用户指南》或另行咨询。

The Fig is for RFRL30/RFRL31 dobby loom, Only RFRL31 Loom is equipped with motor control box. The fig is just for customer's reference, the actual dimension should be adjusted as per the situation of workshop. About other dimension, please see User Guide or contact us.

公称筘幅(cm) Reed width	L(mm)	F(mm)	E(mm)	M(mm)	多臂织机重量(Kg) Dobby loom weight
190	2310	1500	1900	5270	3700
210	2510	1700	2100	5470	3850
230	2710	1900	2300	5670	4000
260	3010	2200	2600	5970	4250
280	3330	2400	2800	6290	4400
320	3730	2800	3200	6690	4700
340	3930	3000	3400	6890	4850
360	4130	3200	3600	7090	5000

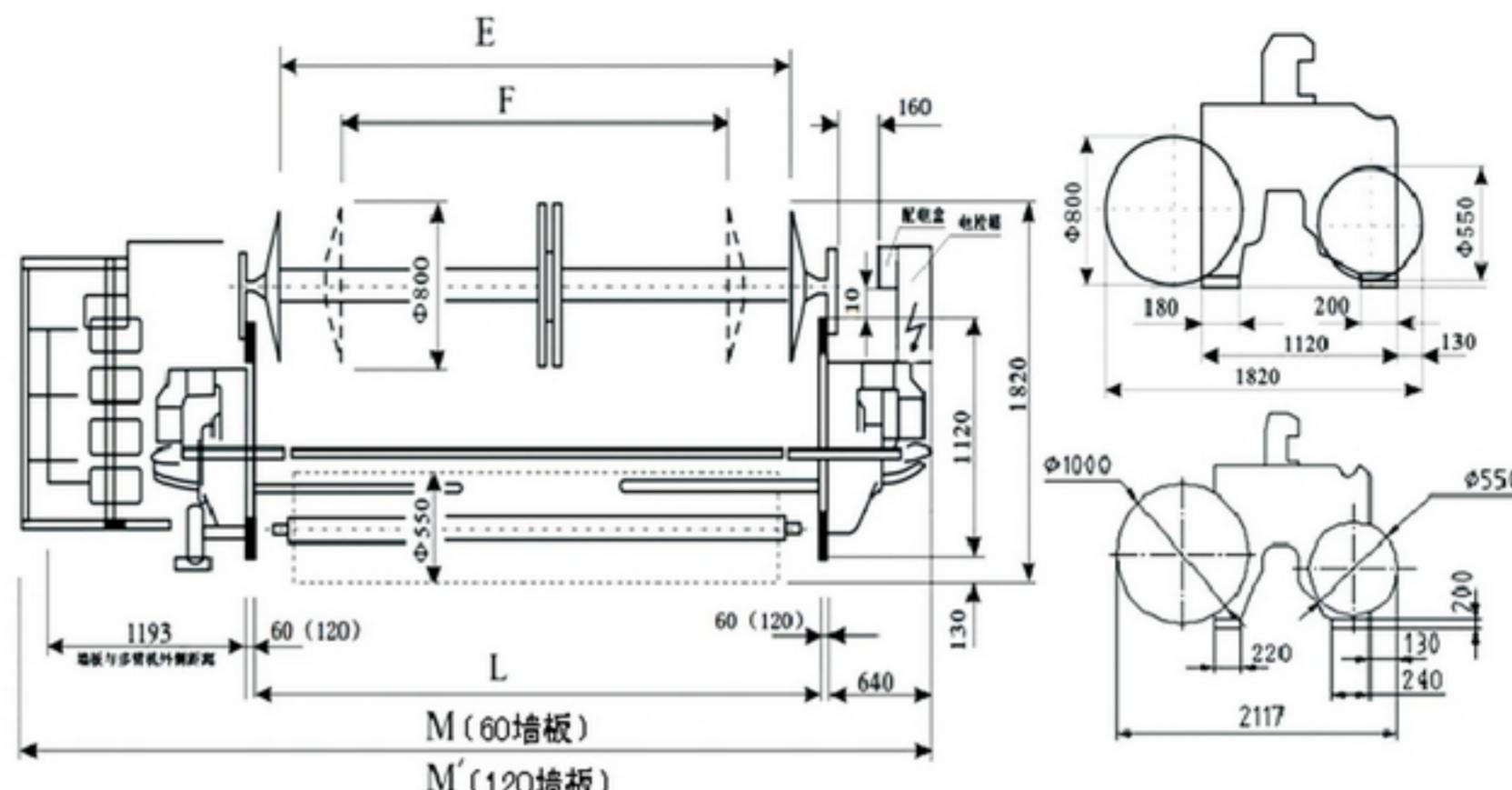
项目 Item	织机主要技术规格	Main Technical Parameter
公称筘幅(cm) Reed width	公称筘幅: 150、190、210、230、260、280、320、340、360 有效筘幅: 公称筘幅减去0~40cm	Nominal: 150、190、210、230、260、280、320、340、360 Working reed width: reduce 0~40cm from nominal width
织造范围 Yarn range	棉及合成纤维纱: 500tex(1.2Ne)~5tex(120Ne) 粗和精毛纱: 680tex(1.5Nm)~10tex(100Nm) 长丝: 10dte(9Td)~1650dte(1500Td)	Cotton and man-made fiber yarn: 500tex(1.2Ne)~5tex(120Ne) Slub & worsted: 680tex(1.5Nm)~10tex(100Nm) Filament: 10dte(9Td)~1650dte(1500Td)
织机速度 Weaving speed	设计转速: 560转/分 工艺转速: 380~450转/分 (依据幅宽配置定) 最大入纬率: 1050米/分 (依据幅宽配置定)	Designed speed: 560rpm Working speed: 380~450 rpm (Rest with its reed space) Insertion rate: 1050m/min (Rest with its reed space)
纬纱 Weft	纬纱选择: 4~8色高速电子选纬器 储纬: 定鼓存储式电子储纬器 纬剪: 机械式剪刀	Weft selector: 4~8 colors high speed electronic selector Accumulator: FPD electronic accumulator Weft cutter: mechanical
动力 Power	采用开关磁阻电机调速系统, 节能降耗、性能优越 最大工作扭矩: 350NM	Adopts speed change system of switched reluctance motor, which can save power with excellent performance. Max working torque: 350NM.
开口 Shedding	电子多臂机(最多20片综)或电子提花机	Electronic dobby (20 shafts max) or electronic jacquard
打纬 Beating	分离筘座、双侧共轭凸轮	Conjugated cams with double drive on both sides
引纬 Insertion	共轭凸轮引纬机构	Driven by conjugated cams
送经 Let-off	连续式交流伺服电子送经、单经轴或双经轴 边盘直径: Φ800mm、Φ1000mm	Continuous alternative current servo electronic let-off. Single beam or twin beam Flange dia: Φ800mm, Φ1000mm
卷取 Take-up	连续式交流伺服电子卷取 最大卷布直径Φ550mm 纬密范围: 5~120根/厘米	Continuous alternative current servo electronic take-up Cloth roller dia: Φ550mm Pick density: 5~120 picks /cm
布边 Selvage	绞边装置: 机械绞边或右侧电子绞边 边剪: 标配机械式 边撑: 左右独立边撑	Selvage: mechanical or RH Electronic selvage Selvage cutter: mechanical Temple: LH & RH independent temples
润滑	油浴润滑+手压油脂润滑	Bath oil & pressure oil
停车装置 Stop motion	经停: 6列电气触点式停经装置 纬停: 电子式高灵敏压电检测装置, 有防双纬功能 停车显示: 控制面板显示停车原因, LED4色信号灯显示	Warp yarn: 6 line electronic contact stop motion Weft yarn: electronic high-sensitive piezoelectricity inspection Stop display: the panel shows the reason, function 4-color stop lights showing
自动功能 Automatic	自动定位停车/慢速寻纬/织口补偿/调整经纱张力, 自动检测/复位/故障显示	Automatic point stop/auto pick-finding/cloth-fell auto-compensation/auto warp tension adjustment/auto inspection/auto reposition/ auto fault showing.
电气控制 E.controlling	多功能CPU控制系统, 自动控制、监控、诊断、信息显示: 大屏幕显示双向通讯, 按钮操作, 即时调整/设定参数、编程	Controlling: functional CPU controlling system can control, scout, auto diagnosing, information showing. Display: big LCD screen showing bidirectional communication, button operation, instant adjustment/parameter setting programming.



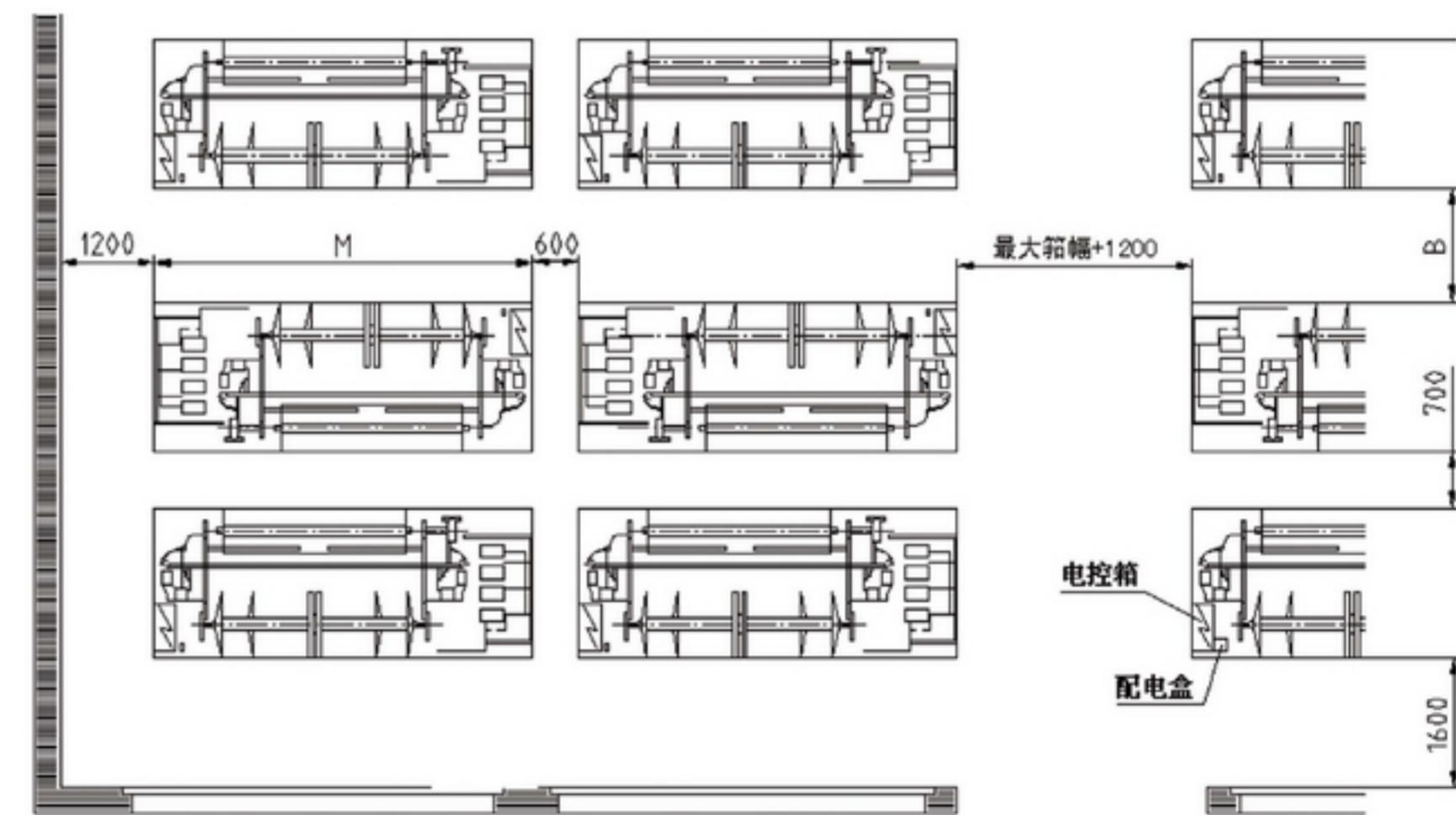
图例为RFRL20多臂型, B为推荐尺寸, 配Φ800边盘时为1400mm配Φ1000边盘时为1600mm。该尺寸图仅供参考, 具体可根据厂房实际情况适当调整。至于其他规格的详细尺寸, 详见用户指南或向我司咨询。

The Fig is for RFRL20 dobby loom, B is the suggested dimension, it is 1400mm if beam flange dia is 800mm; it is 1600mm if beam flange dia is 1000mm. The fig is just for customer's reference, the actual dimension should be adjusted as per the situation of workshop. About other dimension, please see User Guide or contact us.

公称筘幅 Reed width (cm)	L(mm)	F(mm)	E(mm)	60墙板 Board		120墙板 Board	
				M(mm)	多臂织机质量 Dobby's weight(kg)	M'(mm)	多臂织机质量 Dobby's weight(kg)
150	1910	700	1510	4430	2950	4550	3350
190	2310	1100	1910	4830	3200	4950	3600
210	2510	1300	2110	5030	3350	5150	3750
230	2710	1500	2310	5230	3500	5350	3900
260	3010	1800	2610	5530	3750	5650	4150
280	3330	2000	2890	5850	3900	5970	4300
320	3730	2400	3290	6250	4150	6370	4550
340	3930	2600	3490	6450	4300	6570	4700
360	4130	2800	3690	6650	4450	6770	4850
380	4330	3000	3890	6850	4600	6970	5000
420	4730	3400	4290	7250	4900	7370	5300
440	4930	3600	4490	7450	5050	7570	5450
460	5130	3800	4690	7650	5200	7770	5600
520	5730	4400	5290	8250	5650	8370	6050
580	6550	5000	5890	8850	6100	8970	6500
620	7050	5400	6290	9250	6400	9370	6800



项目 Item	织机主要技术规格 Main Technical parameters	
公称筘幅 Reed width	150、190、210、230、260、280、320、360、380、460 520、580、620 (cm)	150、190、210、230、260、280、320、360、380、460 520、580、620 (cm)
车速 Speed	150筘幅 320~430 R.P.M	150cm: 320~430 R.P.M
	190筘幅 312~430 R.P.M	190cm: 312~430 R.P.M
	280筘幅 232~320 R.P.M	280cm: 232~320 R.P.M
	320筘幅 224~300 R.P.M	320cm: 224~300 R.P.M
	380筘幅 195~280 R.P.M	380cm: 195~280 R.P.M
入纬率 Insertion rate	最高可达850米/分	850m/minute (max)
纬密 Weft density	机械3~68根/cm、电子3~120根/cm	MTU:3~68picks/cm, ETU: 3~120picks/cm
开口Shedding device	机械/电子多臂机或电子提花机, 最多20片综框	Mechanical Dobby /electronic Dobby//electronic jacquard, 20shafts max
送经卷取 Let-off / Take-up	机械式或电子式	Mechanical /electronic let off; Mechanical /electronic take up
打纬Beating	双侧共轭凸轮	Conjugated cams with double drive on both sides
引纬 Weft insertion	共轭凸轮带动分离筘座	Sley driven by conjugated cams
织轴Beam	Φ800mm标准单织轴、双织轴, 可选配Φ1000mm轴盘片	800mm ,single /double beam
卷布辊 Cloth roller	机内最大卷布直径Φ550mm	Φ550mm max, in machine
功率Power	整机耗电量4.72Kw~5.24KW	Total consume 4.72kw~5.24KW
控制 Control	微电脑控制, 大屏幕液晶显示	Conjugated cams
选纬 Weft selection	2~8色机械或电子选纬	electronic, 4/6/8 color
功能Function	具有自动寻纬和防纬挡功能	Pick auto-finding, mark prevention



图例为GA731-II 织机的多臂型，B为推荐尺寸，配Φ800边盘时为1400mm，配Φ1000边盘时为1600mm。本图仅供参考，具体需依厂房和设备实际适当调整。其他机型尺寸及布置图，请见《用户指南》或另行咨询。

The Fig is for GA731-II dobby loom, B is the suggested dimension, it is 1400mm if beam flange dia is 800mm; it is 1600mm if beam flange dia is 1000mm. The fig is just for customer's reference, the actual dimension should be adjusted as per the situation of workshop. About other dimension, please see User Guide or contact us.



山东日发纺机秉承“成功源自顾客满意的产品和服务”的理念和“为顾客提供全方位服务”的宗旨，为顾客提供完善的售前、售中和售后服务。

【咨询服务】

为客户提供技术交流和产品咨询服务，提供性价比最优的产品配置方案，协助规划出最适合的车间布局草图。

"Succeed comes from products and service which customers satisfied" and "Supply excellence services for customers" are our belief and aim. We prepare to provide perfect pre-marketing, service on sale, after sale services.

[Pre-marking services]

Communication and products counseling, help for matched groups with the best ratio of performance to price, assist the customer to plan the most suitable layout drawings.



【人员培训】

资深技术人员提供设备的安装调试服务，同时为客户进行设备使用和保养的培训，确保织机在最佳状态下运行，为用户创造最大效益。

【技术支持】

及时全面。根据需要参与织机初期的织造试验，协助客户分析具体的织物特性、确定满足质量和产量要求的最恰当的织机参数和配置、协助制定出最适当的工艺方案。

[Technician training]

Senior engineers provide the machine installation, and meantime, and supply training how to operate and maintain machines to ensure the looms working perfect.

[Technical support]

Technical support are comprehensive and in time. Our engineer can participate in the start weaving test if necessary, assist the customer to analyse the fabrics to set the best parameters and finalize the technical programme.



【售后服务】

强大的销售服务网络可在 24 小时内及时做出反应，并利用尽可能快捷的交通工具抵达客户所在地，迅速可靠地提供备/配件，以缩短用户的等待时间，最大限度地保障用户利益。

[After-sale service]

We have large sale-service-net, and we can make response within 24 hours, and try to get to the customers location by quickest vehicle to shorten machines'downtime.



Advanced/Choiceness/High ratio of performance to price +
Perfect after-sale Service =Absolute Market Share

先进/优良/高性价比的产品+完善的售后服务=绝对的市场占有率

客服中心电话 : 400-926-1888