FAV Group of Companies

日佳·机械
Rijia Machinery

RJA 系列喷气织机

青岛华尊机械有限公司
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青岛华尊机械有限公司
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公司简介
Company Profile

风雨共舟　　携手共赢

01

02

为客户制造价值
是我们一成不变的追求

QINGDAO HUAZUN MACHINERY CO.,LTD.

Honor
青岛华尊机械有限公司





03

历程
Course

2012年4月，大卷装系列喷气织机诞生；
2014年6月，RJA850系列喷气织机试验成功；
2015年3月，RJA880喷气织机批量销；
2016年9月，RJA870喷气织机研发试验成功；
2017年3月，RJA870喷气织机销量；

In April 2012, the big package series water jet loom was born;
In June 2014, RJA850 series air-jet loom test success;
In March 2015, RJA880 air-jet loom on the market;
In September 2016, RJA870 air-jet loom weave machine test success;
In March 2017, RJA870 air-jet loom sell the first cases;



04

质检车间
Quality inspection workshop



质检部，是公司质量把控的关键部门，公司对所有关键性实施全面检验，其检测内容包括部件精确、导线过、合格品证，不合格品区别出来质量，完全杜绝不合格零件流入下道工序。

Quality control department is very key to a company and tests all crucial parts. In the QC department, there are clearly divided area, such as ready-to-test district, qualified district, defective district those are all independent for totally banning disqualified parts to next procedure.

涂装车间
Painting shop



涂装车间采用国内先进的设备，全程，20分钟内进入先进的喷涂线，涂料所采用时装，采用国际先进的静电喷漆设备，利用静电吸附原理，机械喷漆装备，全面升级覆盖工件表面，详细喷漆，漏涂全部除干处理，确保油漆在工件上均匀涂装的要当，所有涂装前物处理按汽车的表面处理对漏底次数70小时5%检测试验。

In the painting work shop, the company applies leading process of degreasing and rust free,then enters advanced painting line.The coating is epoxy resin.We adopt internationally advanced electrostatic painting device and electrostatic adsorption principle, to turn coated painting phenomenon and comprehensively seamless cover surface of workpieces.All primer, finish coat,dip drying treatment in order to obtain adhesive force of painting. All painting rust free treating of oil pounding blade test of 6% salt spray with 72 hours according to cram surface treatment project.

流水线组装
Assembly line



公司采用整机装配流水线，通过严格的质量管理，明确分化组装工序流程，两专用工具规范拆装部位螺栓，通过整体流水线上的技术参数化严格的质量监测，打生产设施的可靠性，成本高温年质量两年产值的要求，确保了整机装机质量100%合格。

This company uses the whole machine assembly line, through the strict quality management, fine differentiation assembly process flow, with the profession of tool set torque biases and muscles to examination optimizes product's quality control through whole assembly line's technic, we have the strict requirements about production facility's stability, cost efficiency and quality to ensure whole machine's assembly is qualified by100%.

整机运行检验区
Whole machine operation inspection area



织机装配完成后，转移至体检车间，所有机器在此区域六项电试验，满足客户检查车试机时间不少于8小时，长时间测试后，确定了客户的织机稳定性，无异动，达到出厂合格质量100%合格。

After the loom is assembled, transfer to the waiting area. All machines are tested in this area, and the test time of each car is not less than 8 hours. For a long time, the machine ensures the smooth operation of our looms, which makes the machine quality 100% qualified.

RJA860系列喷气织机
RJA860 AIR JET LOOM







1 RJA860型喷气织机，设计结构紧凑，占地面积减少。

2 打纬机构采用短摆连杆，刚性强，打纬力大，噪音小，适应高速织造，对高密度织物有良好的适应性。

3 筘座采用一体二结构，减少喷嘴喷射时间，通过对喷射起喷时间的精确控制，进一步降低用气量。

4 伸缩式松紧筘边选择打纬，适应高速织造；变螺距松紧筘边选择打纬，增加引纬时间，使纬纱在张紧条件下加速，两手起纱更容易，后道定型稳定变强。

5 选用电子送经,电子卷取，具有自动寻纬，自动停车检回断丝及密纬密纱监控功能。

6 开口形式，可选配独佩开口，下置式凸轮和下置式多臂以及提花开口。

1. RJA860 air jet loom, the design compact structure, convenient user operations.

2. Beating mechanism adopts bevel structure, strong rigidity, beating-up force is big, small vibration, adapt to high speed weaving, also have good adaptability to high weaving high density fabric.

3. Reed space using one structure, reduce nozzle injection time, through to the nozzle jet the precise control of time, further reduce gas consumption.

4. A narrow seam (ASO) four linkage beating-up, adapt to high speed weaving. Wide seam, increase 4 linkage beating-up weft insertion time, accelerates a weft yarn under the condition of low pressure, and not pushed out weft weaving to achieve stability.

5. The electronic let-off and electronic take-up, with functions of automatic search weft, eliminate the stop marks and variable weft density weaving, and other functions.

6. Open form, the optional event openings, underneath type CAM and underneath type dobby and acquaint openings.

RJA860系列喷气织机
RJA860 AIR JET LOOM

电子送经装置 Electronic let-off

通过第三方传感器检测经纱张力，由CPU处理单元开启信号经纱、送经、经轴的自调变化引起的张力变化，指令伺服电机作动调整，从而自工作过程中消耗所新化的张力，调整了开车张紧值，保证织物均匀平整，从而防止由松紧架，大型织机经轴直径和内径由形式和结构形作自动调整，增加或更进一步实现了高速化，可以更加灵敏地适应高密纺物的织造要求。

To detect the tens inspection of warp yarns through tension sensor, the CPU handles the changes of warp yarns tension caused by shedding or reed warp, let-off, take-up's change of warp beam, and transmits the warp motor to drive warp beam, thus, this can keep the tasteset tension in winding processes and eliminate the warp's mark, ensure the fabric appearance &formation. The machine adopts rigidity frame, warp beam gear with large diameter and positive rotor warp driving shaft smart to bulk, in or both, which makes the weaving machine future to realize high speed and it can be more sensitive to adjust the weaving requirements for high-density fabrics.

卷取装置 Take-up device

采用机械式连续卷取和电子卷取两种形式，适合电子齿轮通过步调的正反转对纬之操作的简单化。

We adopt two forms of take-up: mechanical continuous take-up and electronic take-up. It is very effective to prevent the stop mark in combine with electronic let-off by accurate forwards and reverse.

双探头探纬器 Double probe feeler

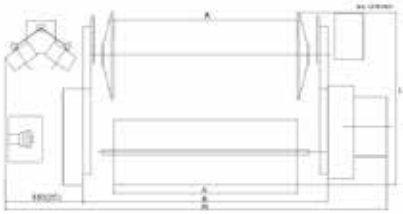
探纬器采用双探头方式，除了能检测是否纬纱在剪纬处，也可以感知纬纱是否经过正确的喷嘴，从而保证万无一失。

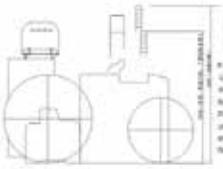
Double probe feeler, it is not only to discovery whether weft is breaking weft, but also to find the weft which was blown, thus to ensure foolproof.





尺寸 Dimensions





边缘距Fringe d/m	D800
L	1800

Note:
Figure is the "L" section in the dimension for the range diamete of 800mm.For details of other specifications please contact us.
When the flange diameter is 800mm or 1000mm,more or an excavation floor is required according to the beam mounting position.

边缘距Reed space cm (门幅)		190(75)	210(83)	230(91)	250(98)	280(110)	340(134)	360(142)
地面以上	地面以下 Negative cam	3980	4780	4380	/	/	/	/
	地面以上 Positive cam (STAUBLI 1155)	4330	4530	4730	4830	5230	5730	5830
	Increased Pick-inserted positive(like STAUBLI 1255)	4430	4629	4829	5029	5429	5929	6129
A		1900	2100	2300	2500	2800	3400	3600
B		2340	2740	2940	3140	3440	4040	4240

注：Ø=表示该数据的前面为Ø，若下方无数据则表示同上方。数据单位为毫米。
Note:Figures in the "Ø" section are the dimensions for a 2/1 cross loom with out the 5000. for other specifications please contact us.

技术参数 Specifications

项目		标准规格	选择件
型幅	边撑幅cm	190,170, 190, 210, 230, 250, 280, 340, 360, 380	
	有效筘座幅	边撑幅度：0——65cm（170——270cm）	公差范围：0——65cm
		0——80cm（190cm以上）	
经纱范围		特数：tex100/Ne6 S	
		号数：tex9ne/ — tex1 Ne/s	
筘与筘幅		双筘号数：双筘宽度范围：4筘、6筘	
筘片		筘片宽度，及筘厚度范围规格	
		筘齿平均密度值为	
	穿法范围	2.75x8 2.5x8 2.75x6 2.5x6 [入筘宽度]	
引纬		主喷嘴：副喷嘴布局式，喷气助剂规格	
		喷射主喷嘴	引纬喷嘴
		副喷嘴分配喷嘴延伸范围	
		副喷嘴支架规格	
补纬		自动式单手口，4开动型	
		补纬手口有手口，最多4开动型	全部手动（剪断只用） ，剪断装置可多1-5
		补纬手口有手口，最多6开动型	
		全部手口（电子式，剪断，下置）：剪断装置3-5型	
		补纬开口	
送经		电控送经	双经轴
		整经盘送经范围	
		补纬张力	
		卷绕张力范围	
	总送经范	550mm, 810mm-1220mm	
卷取		打纬角度范围，最佳卷取位置范围	
	最大卷布直径	600mm（卷布芯2，最佳卷取芯2，520mm卷布芯）	
	卷取密度	MT12（6.5-40）纬/cm(16.7—204.8纬/英寸）	MT8（卷取密度1.5-20）纬/cm（3.8-51.2纬/英寸）
		ET12（6.5—113.7纬/cm（25—300纬/英寸）	ET8（卷取密度1.5—77.5 纬/cm（12—200纬/英寸）
	卷布卷芯位置	卷取直径范围（卷芯1 中，低），卷芯可调整高度	
	边撑型	上剪式（卷布轴线前端）	
引纬		布料之卷取调整机构规格	
		纬纱打纬（筘幅210cm以下）	
		纬纱打纬（筘幅210cm以上）	
		直接卷取两个同步驱动	双两个电机
异常检测		电控智能检测	
停机装置		有效开口不停车（1把），最多开口不停车（4把）	最多开口不停车（5把）
断边		织造自动开关	
剪纬		自动开关方	
预置		主要参数的开关最多开启，备用预置（预选不变）	备用预置（预选变动）
喷气装置	喷纬喷咀	主副开关喷咀	以型号选择
		喷头式，组头式	
	纬纱喷咀	喷气纬纱的喷咀开关	喷咀开关型号，及每台喷咀开关数
			纬纱检测喷咀
	其他	电压计，控制电源供电开关	
	喷头保护装置	New喷嘴及 防污装置	
		多台Unit 共享电压开关	
其他机		可调电动电机	
		自动，自动故障功能	
		最近故障显示/电台数（正确，选择）	

注：对于机械选择的电子特殊规格，请与专业销售人员联系。

技术参数 Specifications

Item		Specification	Option
reed room	Reed(cm)	190,170, 190, 210, 230, 250, 280, 340, 360, 380	
	Useful reeding width	Same as standard width	Maximum reduction 80cm (for 190-250cm)
		Maximum reduction 60cm(for 170—270cm loom)	
		40cm(for 280cm or wider loom)	
Yarn-centre range		50cm（for100/Ne6）	
		1cm(for 833dtex -1666dtex	
Driving	Starting method	Direct-start of main motor drive	
		Push-button operation with touch-panel	
		Now inching with extra hand-forward operation	
	Motor capacity	2.7Kw,2.0Kw,2.7Kw,1.6Kw(jumping joint shedding)	
Reinsertion		Main and sub - nozzles combined system	
		Auxiliary main nozzle	
		Stretch nozzle	
	Weft insertion time	Independent sub - nozzle timing control by color	
		Sub - nozzle blending system	
Shedding		Cross-point shedding shaft number≤	
		Positive-port shedding shaft number up to 8	Technical shedding(shaft same up to 1)
		Negative-positive shedding(Electronic Piezo- mounted)	
		shaft number up to 16	
		Jacquard shedding	
Let- off		Double side synchronism let- off and electronic tension	
		With negative easing or positive easing	Double beam
Take- up	Flage diameter	600mm 800mm, 1000mm	
	Maximum cm- cloth take up diameter	600mm(Two sides Jacquard shedding) 520mm(Front shedding)	
	Pick density	MT12 (6.5-40) 1.5picks/cm(3.8- 102 picks/inch)	
		ET8 (6.5-113.7 picks/cm(16.5- 300 picks/inch)	
	Break weight device	Display on master cheker panel, with preset counter function	
	Selvage	Two reverted turn (mirrored)(W) selvage forward-turn twist	Live- mounted type
Beating		Press roll lift up with a handle operation	
		Crank-type beating mechanism(4 bearing)	
		4 bites (Reed space up to 230 cm)	
		6 bites (Reed space 250 cm or more)	
		Drive floating shaft with intermediate support and excess weight	
Measuring roll		Electronic drum pacing	
Weft inserts		Five reversible bobbin (10cm) Five revolution bobbin pulling	
Stand		Floor mounted for 16 packages(4 colors)	
Selvage formation		Planetary gear motion	
Cutter		Rotary(scissor) cutter	
Lubrication		Oil can lubricate everything(with centralized oil drain device) grease	Centralized lubrication (Lincoln grease)
Stop motion	weft yarn	Reflective weft feeler	
		Twin -Feeler system	
	Warp yarn	Electric (L-shape contact) bar system	
	Others	Stop motion for selvage and weft cut to yarn	
	Stop cause indication	Indication by messages on weaver's monitor	
		4-color multi-function indicator lamps	
Weave Mate control System	Function panel features	Adjustment control, troubleshooting, self-diagnosis function	
		Operating data indicator, maintenance data indicator	

For specialist design, please contact Huasun sales staff.

RJA870系列喷气织机
RJA870 AIR JET LOOM

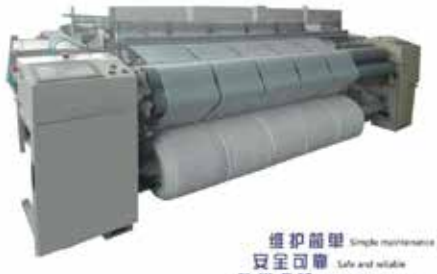




高品质 低耗能 无污染

Superior quality Low power consumption Pollution-free

RJA870型纱布喷气织机
RJA870 GAUZE AIR JET LOOM



维护简单 Simple maintenance
安全可靠 Safe and reliable
性能卓越 Excellent performance

RJA870系列喷气织机
RJA870 AIR JET LOOM

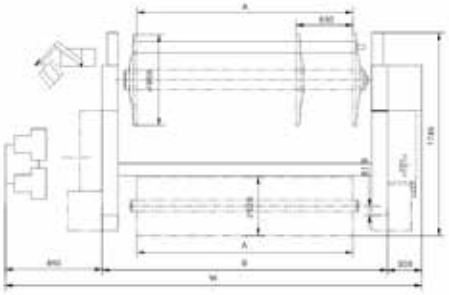
电子送经装置 Electronic let-off

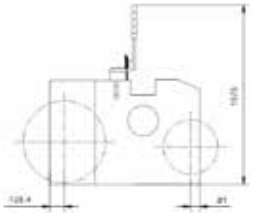
卷取装置 Take-up device

双探头探纬器 Double probe feeler



尺寸
Dimensions





型号	A	B	W
190cm	1600	2110	3280
210cm	1700	2310	3480
230cm	1800	2510	3680
250cm	2100	2710	3980
280cm	2300	2910	4280
300cm	2500	3110	4580

技术参数 Specifications

项目		标准规格	选用件
射嘴	注射把握（cm³）	150、175、210、235、255	
	螺杆（mm）	000mm	
射出压力	型式	5x40-4x5	
	射速	30cc-1200cc	
射出座移		液压	
合模		液压全自动式，可以调整高速自动	
	开模行程（cm）	1.8、2.2、2.6、3.0、3.7	
顶针		油压顶，顶针高度可调，顶出距离可调整	气顶
		顶针力调整	
		顶针顶出力可调	
开模		油压开模	
		上面孔口处开口	
		上面孔多向开口	
调模		电子调模	
	调模速度（mm）	300	
锁模		电子锁模	
	最大锁模面积（cm²）	520	
	锁模压力	5.5~7.5（可以0.25~200吨调节）	
	调模开模次数	可随意显示屏上显示，并且可停车调模	
控制		油路式多段高精可调式压力	
		4节段射行程	
液压保护		电脑数据储存	
冷却		自动化配件	
顶出装置	内容	自动式脱模装置	
	油箱		400升油箱
	其它	电动，可调位置任意大行程	
	调整操作	操作面板显示	
		4节段行程显示	
自动化		计算机监控系统	
		监控，故障诊断功能	

※ 以下标准选用规格选用特殊规格，请与本地销售人员联系。

技术参数 Specifications

Item		Standard specifications	Option
Mold space	Nominal（cm）	150、175、180、210、235、255	
	Mold (L×W×H)	600mm	
Stripping stroke	stroke	5x40-4x5	
	Pressure	30cc-1200cc	
Mold adjustment		Hydraulic	
Ejector		Super cam electric motor drive directly	
	Ejection stroke（cm）	1.8、2.2、2.6、3.0、3.7	
Mold machine Mold injection		The main nozzle coupling with the type, use special head	Hydraulic
		Adjust the main nozzle	
		Statuty nozzle relay control	
opening		Crank openings	
		Overhead CAM shielding	
		On the opening type tertiary	
Low pressure protection		Electronic set-off	
	Pressure relay displacement（mm）	300	
molding		Electronic data-up	
	Fine tuning mold（digital display）	520	
	Multi-stage pressure	5.5~7.5（maximum25~200 maximum）	
	Displacement weight counting	Displayed on the touchpad display, with the functions of quasi-parking	
Heating-up		Crank type stay, fast more heating-up mechanism	
		Student four linkage heating-up	
Length measuring shaft		Electric drum-well	
Rotary axis		Planetary gear type	
Cut the well		Mechanical scissors	
Stop device	Well stop	Motion ground-well detector	
	Security		Any industrial electrical equipment
	stroke	Wiring disk packing between scale, pan-shaped processing	
	Track display	Operating screen	
		4 color indicator light display	
automation		The computer control system	
		Monitoring and self-diagnostic function	







合作 Cooperative
共赢 Supply

十八年，
既然选择了前方，
就只顾风雨兼程！



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