



# 浙江国兴机械有限公司

ZHEJIANG GUOXING MACHINERY CO.LTD.

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# 浙江国兴机械有限公司

Zhejiang guoxing machinery Co., LTD.



GUOXING MACHINERY



浙江国兴机械有限公司是高新技术企业，公司座落于著名的“中国现代经济模式城”温州。公司专业致力于先进包覆纱机系列设备的开发和制造，公司技术力量雄厚，包覆纱机制造居国内绝对领先地位。

现生产的包覆纱机设备有：全电脑节能型，电脑传动型，机械传动型三大系列，产品畅销全国并出口多个国家。生产的包覆纱机设备是将不同性质的纱线如氨纶、低弹丝、橡筋、长丝、金银丝，LVREX高弹丝等作蕊丝；用棉纱，人造合成纤维、涤纶、涤纶、真丝、金银丝等作外包丝，生产性能极高的单层包覆及双层包覆的全能包覆机器。其制成品，已广泛应用于制造高弹丝袜，贴身衣物，手套，弹性带子及面料等的原材料。

公司依靠领先的科技与管理带给您质量的保证，以良好的信誉报答广大用户对国兴产品的厚爱。公司秉承“一切为了客户满意”的经营理念，为广大客户提供更优质的产品和更完善的售后服务，与新老客户携手合作，共创辉煌。

Zhejiang Guoxing Machinery Co.,Ltd is a high-tech enterprise and located in Wenzhou the well-know “China Modern Economic Mode City”

We holds a powerful technical force and uses it for the development and manufacture of advanced covered-yarn machine series equipment, standing at the head of the domestic covered-yarn machine absolutely.

The recently produced covered-yarn machines include: all-computerized energy-saving type,computerized drive type and mechanical drive type three series and they are well sold all over the country and exported to several nations. The covered-yarn machine is able to produce both single covering and double covering which feature an extremely high performance and works to have the yarns of different natures as the cored wires, such as spandex,low stretch yarn, elastic ribbon, filament, metallic yarns and LVREX high stretch yarn; and have cotton yarn, synthetic fiber, polyamide, polyester,real silk and metallic yarns as the covering yarns. The produced finishes have been widely used as the raw materials for making high stretch stockings, underclothes,gloves, elastic bands,fabrics and so on.

We offers you a guaranteed quality with the leading technology and management and repays the users’ great kindness to its products with a good credit. By following the operation concept: all for the client satisfaction, we provides the clients with more quality products and more perfected post-sale services and hopes to cooperate with new and old clients to mutually make brilliance.



# GCM-2012型全电脑包覆纱机

## COVERING MACHINE

### 全电脑控制系统

All-computerized control system

进口原装伺服电机，触摸屏和PLC编程全电脑控制，所有工艺如：上下锭速，捻度，拉比，计长停机，工艺存储，多种卷绕成形，捻向，中英文语言，安全锁定等均可在触摸屏上“一触而就”。

With the imported servo motor, touch screen and PLC all computerized control, all the technological steps can be operated on the touch screen, such as: the up-down spindle speed, number of turns, draw ratio, length counting outage, technological storage, multiple winding formations, direction of twist, Chinese and English languages, safe locking etc.

GCM-2012型全电脑包覆纱机是本公司传承GCM-2000型包覆纱机的基础，引进欧洲最新技术，根据国际著名线厂的使用经验和市场发展需求，推出的以极低的生产成本获得高质量纱线的新一代全电脑包覆纱机。

这款机器具有较低的能耗，有极高的产量和完美的纱线质量，更有可生产多品种纱线的灵活性和极其简单的操作。产品各项技术指标在国内同类机型中趋于绝对领先，GCM-2012为高端包覆纱线生产领域理想的包覆纱设备。

Model GCM-2012 all computerized covered yarn machine is a new generation machine capable of producing high quality yarns with an extremely low production cost developed by this Co. on the basis of model GCM-2000 covered yarn machine, the imported latest European technology, the experience used with the famous international yarn works and the demand for the market to progress.

As an ideal yarn covering equipment for the high end yarn covering production, model GCM-2012 features a lower energy consumption, an extremely high productivity, a nice yarn quality, a flexibility capable of producing various kinds of yarns and an extremely simple operation. All the technical indexes of the products come first absolutely among the same domestic machines.



设备型号 Model of equipment	测量单位 Unit of measurement	GCM-2000A 256锭包覆纱机 Spindle covering machine	GCM-2000A 288锭包覆纱机 Spindle covering machine
机器规格 Norm of machine			
机器结构 Structure of machine		双面双层 Dual-face dual-layer	双面双层 Dual-face dual-layer
卷取层数 Number of coiling layer	层 Layer	2	2
锭盘层数 Number of wharve layer	层 Layer	2	2
单包最大卷取数 Maximum coiling number of single covering	位 Position	256	288
双包最大卷曲数 Maximum coiling number of dual covering	位 Position	128	144
节数 Number of node	节 Node	8	9
每节锭数 Number of ingot per node	位 Position	32	32
外形尺寸 (长*宽*高) Out-form dimension (L*W*H)	mm	16400*1300*2030	18200*1300*2030
设备总重量 Total weight of equipment	Kg	4500	5000
锭子 Spindle			
锭数 Number of spindle	锭 Spindle	256	288
锭子类型 Type of spindle		固定式直形/固定式锥形 Fixed straight type/ fixed conic type	固定式直形/固定式锥形 Fixed straight type/ fixed conic type
锭距 Distance between spindles	mm	200	200
机械锭速 Mechanical spindle speed	转/分 rpm	18000	18000
锭捻向 Twisting direction of spindle		S/Z	S/Z
捻度范围 Range of twisting degree	捻/米 Twist/m	200-3500	200-3500
外包丝容量 Capacity of wrapped filament	g	450-650	450-650
外包丝筒子 Wrapped filament bobbin		Φ68*Φ36*Φ140	Φ68*Φ36*Φ140
卷取 Coiling			
卷取外形 Out-form of coiling	mm	双锥集中 Double cone integration	双锥集中 Double cone integration
卷取外形尺寸 Out-form dimension of coiling	mm	Φ180*140	Φ180*140
卷取管尺寸 Size of coiling tube	g	Φ68*158	Φ68*158
最大卷取容量 Maximum coiling capacity		≤1200	≤1200
卷取成形 Coiling formation		机械成形/电脑成形 Mechanical formation/computerized formation	机械成形/电脑成形 Mechanical formation/computerized formation
牵伸、电气和功率 Drafting, Electric and Power			
牵伸范围 Drafting range	倍 Multiple	1.5-6	1.5-6
上锭马达功率 Power of the motor of the upper spindle	Kw	7.5	7.5
下锭马达功率 Power of the motor of the power spindle	Kw	7.5	7.5



# GCM-2000AZ型真丝包覆纱机

## COVERING MACHINE

GCM-2000AZ型真丝包覆纱机是本公司特别针对真丝面料弹力缎开发的一款专业包覆纱机。具有较低的能耗，有极高的产量和纱线稳定性及完美的纱线成型。产品各项技术指标在国内同类机型中趋于绝对领先，其市场占有率达90%以上。

Model GCN-2000AZ real-silk covered yarn machine is a special covered yarn machine developed by this Co. specially aimed at the real silk fabrics elastic satin and features a lower energy consumption, and extremely high productivity and yarn stability and a nice yarn formation. All the technical indexes of the products come first absolutely among the same domestic machines and the products enjoy a market share up to 90%.



设备型号Model of equipment	测量单位Unit of measurement	GCM-2000AZ 256锭包覆纱机 Spindle covering machine	GCM-2000AZ 288锭包覆纱机 Spindle covering machine
机器规格 Norm of machine			
机器结构Structure of machine		双面双层Dual-face dual-layer	双面双层Dual-face dual-layer
卷取层数Number of coiling layer	层Layer	2	2
锭盘层数Number of wharve layer	层Layer	2	2
单包最大卷取数Maximum coiling number of single covering	位Position	256	288
双包最大卷取数Maximum coiling number of dual covering	位Position	128	144
节数 Number of node	节Node	8	9
每节锭数Number of ingot per node	位Position	32	32
外形尺寸(长*宽*高) Out-form dimension (L*W*H)	mm	16400*1300*2030	18200*1300*2030
设备总重量Total weight of equipment	Kg	4500	5000
锭子 Spindle			
锭数Number of spindle	锭Spindle	256	288
锭子类型Type of spindle		固定式直形/固定式锥形Fixed straight type/fixed conic type	固定式直形/固定式锥形Fixed straight type/fixed conic type
锭距Distance between spindles	mm	200	200
机械锭速Mechanical spindle speed	转/分 rpm	18000	18000
锭捻向Twisting direction of spindle		S/Z	S/Z
捻度范围 Range of twisting degree	捻/米 Twist/m	200-3500	200-3500
外包丝容量Capacity of wrapped filament	g	450-650	450-650
外包丝筒子Wrapped filament bobbin		Φ76*Φ36*Φ140	Φ68*Φ36*Φ140
卷取 Coiling			
卷取外形Out-form of coiling		双锥集中Double cone integration	双锥集中Double cone integration
卷取外形尺寸Out-form dimension of coiling	mm	Φ180*140	Φ180*140
卷取管尺寸Size of coiling tube	mm	Φ68*158	Φ68*158
最大卷取容量Maximum coiling capacity	g	≤1200	≤1200
卷取成形Coiling formation		机械成形/电脑成形Mechanical formation/computerized formation	机械成形/电脑成形Mechanical formation/computerized formation
牵伸、电气和功率 Drafting, Electric and Power			
牵伸范围Drafting range	倍Multiple	1.5-6	1.5-6
上锭马达功率Power of the motor of the upper spindle	Kw	7.5	7.5
下锭马达功率Power of the motor of the power spindle	Kw	7.5	7.5



# GCM-2000B型 包覆纱机

## COVERING MACHINE

GCM-2000B型包覆纱机是本公司特别针对弹力面料开发的一款包覆纱机。适用于锦纶，涤纶，棉纱等不同规格的包覆纱生产，原料应用范围70D-600D，具有较低的能耗，有极高的产量。其主要技术特点有外包丝容量大，可1KG不接头，并减少了操作工的频繁上丝换筒工序。既提高了纱线品质，又实现了减少操作用工。

Model GCM-2000B covered -yarn machine is specially aimed at the elastic fabrics and applicable for the production of polyamide, polyester, cotton yarn etc.covered yarns of different norms, with the raw material application range at 70D-600D.It holds a lower energy consumption and an extremely high productivity and its technical features stay at a great volume of wrapped filament, up to 1KG without joint, and the reduction of silk-on-tube-change process which used to be frequently done by the operator, enhancing the yarn quality and also reducing the operation.



设备型号Model of equipment	测量单位 Unit of measurement	GCM-2000B 192锭包覆纱机 Spindle covering machine	GCM-2000B 216锭包覆纱机 Spindle covering machine
机器规格 Norm of machine			
机器结构Structure of machine		双面双层Dual-face dual-layer	双面双层Dual-face dual-layer
卷取层数Number of coiling layer	层Layer	2	2
锭盘层数Number of wharve layer	层Layer	2	2
单包最大卷取数Maximum coiling number of single covering	位Position	192	216
双包最大卷曲数Maximum coiling number of dual covering	位Position	96	108
节数 Number of node	节Node	8	9
每节锭数Number of ingot per node	位Position	24	24
外形尺寸(长*宽*高) Out-form dimension (L*W*H)	mm	16400*1300*2030	18200*1300*2030
设备总重量Total weight of equipment	Kg	4500	5000
锭子 Spindle			
锭数Number of spindle	锭Spindle	192	216
锭子类型Type of spindle		固定式直形/固定式锥形Fixed straight type/fixed conic type	固定式直形/固定式锥形Fixed straight type/fixed conic type
锭距DiStance between spindles	mm	270	270
机械锭速Mechanical spindle speed	转/分 rpm	18000	18000
锭捻向Twisting direction of spindle		S/Z	S/Z
捻度范围 Range of twisting degree	捻/米 Twist/m	200-3500	200-3500
外包丝容量Capacity of wrapped filament	g	450-650	450-650
外包丝筒子Wrapped filament bobbin		Φ 84* Φ 36* Φ 140	Φ 84* Φ 36* Φ 140
卷取 Coiling			
卷取外形Out-form of coiling		双锥集中Double cone integration	双锥集中Double cone integration
卷取外形尺寸Out-form dimension of coiling	mm	Φ 180*190	Φ 180*190
卷取管尺寸Size of coiling tube	mm	Φ 68*218	Φ 68*218
最大卷取容量Maximum coiling capacity	g	≤1500	≤1500
卷取成形Coiling formation		机械成形/电脑成形Mechanical formation/computerized formation	机械成形/电脑成形Mechanical formation/computerized formation
牵伸、电气和功率 Drafting, Electric and Power			
牵伸范围Drafting range	倍Multiple	1.5-6	1.5-6
上锭马达功率Power of the motor of the upper spindle	Kw	7.5	7.5
下锭马达功率Power of the motor of the power spindle	Kw	7.5	7.5



# GCM-48B型 包覆纱机

## COVERING MACHINE

GCM-48B型包覆纱机是本公司特别针对弹力面料开发的一款包覆纱机。适用于锦纶，涤纶，棉纱等不同规格的包覆纱生产，原料应用范围70D-600D，具有较低的能耗，有极高的产量。其主要技术特点有外包丝容量大，可1KG不接头，并减少了操作工的频繁上丝换筒工序。既提高了纱线品质，又实现了减少操作用工。

Model GCM-48B covered -yarn machine is specially aimed at the elastic fabrics and applicable for the production of polyamide, polyester, cotton yarn etc. covered yarns of different norms, with the raw material application range at 70D-600D. It holds a lower energy consumption and an extremely high productivity and its technical features stay at a great volume of wrapped filament, up to 1KG without joint, and the reduction of silk-on-tube-change process which used to be frequently done by the operator, enhancing the yarn quality and also reducing the operation.



设备型号 Model of equipment	测量单位 Unit of measurement	GCM-48B 384锭包覆纱机 Spindle covering machine
机器规格 Norm of machine		
机器结构 Structure of machine		双面双层 Dual-face dual-layer
卷取层数 Number of coiling layer	层 Layer	2
锭盘层数 Number of wharve layer	层 Layer	2
双包最大卷曲数 Maximum coiling number of dual covering	位 Position	192
节数 Number of node	节 Node	8
每节锭数 Number of ingot per node	位 Position	48
外形尺寸 (长*宽*高) Out-form dimension (L*W*H)	mm	16400*1300*2130
设备总重量 Total weight of equipment	Kg	4500
锭子 Spindle		
锭数 Number of spindle	锭 Spindle	384
锭子类型 Type of spindle		固定式直形/固定式锥形 Fixed straight type/fixed conic type
锭距 Di Distance between spindles	mm	140
机械锭速 Mechanical spindle speed	转/分 rpm	18000
锭捻向 Twisting direction of spindle		S/Z
捻度范围 Range of twisting degree	捻/米 Twist/m	200-3500
外包丝容量 Capacity of wrapped filament	g	450-650
外包丝筒子 Wrapped filament bobbin		Φ76*Φ36*Φ140
卷取 Coiling		
卷取外形 Out-form of coiling		双锥集中 Double cone integration
卷取外形尺寸 Out-form dimension of coiling	mm	Φ180*140
卷取管尺寸 Size of coiling tube	mm	Φ68*218
最大卷取容量 Maximum coiling capacity	g	≤1200
卷取成形 Coiling formation		机械成形/电脑成形 Mechanical formation/computerized formation
牵伸、电气和功率 Drafting, Electric and Power		
牵伸范围 Drafting range	倍 Multiple	1.5-6
上锭马达功率 Power of the motor of the upper spindle	Kw	7.5
下锭马达功率 Power of the motor of the power spindle	Kw	7.5



# GCM-36B型 包覆纱机

## COVERING MACHINE

GCM-36B型包覆纱机是本公司特别针对弹力面料开发的一款包覆纱机。适用于锦纶，涤纶，棉纱等不同规格的包覆纱生产，原料应用范围70D-600D，具有较低的能耗，有极高的产量。其主要技术特点有外包丝容量大，可1KG不接头，并减少了操作工的频繁上丝换筒工序。既提高了纱线品质，又实现了减少操作用工。

Model GCM-36B covered -yarn machine is specially aimed at the elastic fabrics and applicable for the production of polyamide, polyester, cotton yarn etc. covered yarns of different norms, with the raw material application range at 70D-600D. It holds a lower energy consumption and an extremely high productivity and its technical features stay at a great volume of wrapped filament, up to 1KG without joint, and the reduction of silk-on-tube-change process which used to be frequently done by the operator, enhancing the yarn quality and also reducing the operation.



设备型号 Model of equipment	测量单位 Unit of measurement	GCM-36B 324锭包覆纱机 Spindle covering machine
机器规格 Norm of machine		
机器结构 Structure of machine		双面双层 Dual-face dual-layer
卷取层数 Number of coiling layer	层 Layer	3
锭盘层数 Number of wharve layer	层 Layer	2
双包最大卷曲数 Maximum coiling number of dual covering	位 Position	162
节数 Number of node	节 Node	9
每节锭数 Number of ingot per node	位 Position	36
外形尺寸 (长*宽*高) Out-form dimension (L*W*H)	mm	18200*1300*2130
设备总重量 Total weight of equipment	Kg	4500
锭子 Spindle		
锭数 Number of spindle	锭 Spindle	324
锭子类型 Type of spindle		固定式直形/固定式锥形 Fixed straight type/ fixed conic type
锭距 Distance between spindles	mm	175
机械锭速 Mechanical spindle speed	转/分 rpm	18000
锭捻向 Twisting direction of spindle		S/Z
捻度范围 Range of twisting degree	捻/米 Twist/m	200-3500
外包丝容量 Capacity of wrapped filament	g	450-650
外包丝筒子 Wrapped filament bobbin		Φ76*Φ36*Φ140
卷取 Coiling		
卷取外形 Out-form of coiling		双锥集中 Double cone integration
卷取外形尺寸 Out-form dimension of coiling	mm	Φ180*140
卷取管尺寸 Size of coiling tube	mm	Φ68*218
最大卷取容量 Maximum coiling capacity	g	≤1200
卷取成形 Coiling formation		机械成形/电脑成形 Mechanical formation/computerized formation
牵伸、电气和功率 Drafting, Electric and Power		
牵伸范围 Drafting range	倍 Multiple	1.5-6
上锭马达功率 Power of the motor of the upper spindle	Kw	7.5
下锭马达功率 Power of the motor of the power spindle	Kw	7.5

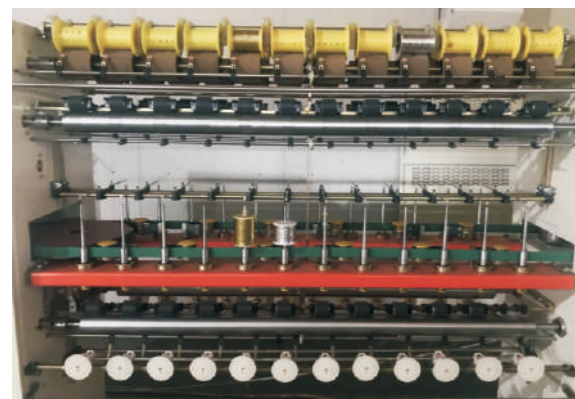


# GCM-2000C 金银丝包覆纱机

## COVERING MACHINE

最新GCM-2000C金银丝包覆纱机是将金银丝用纱线包覆。可生产各种规格的单、双包金银丝包覆丝，特别适用于生产各种风格的金银丝等。本机配有变频调速装置，可随意调整锭子转速并节约用电量。

The latest GCM-2000C boot binder is for covering the metallic by yarn in various specified single or dual layered wires and suitable for producing metallic yarn. The machine with frequency varied and speed regulating device is for adjusting the ingot's rotation speed and saving up the electronic volume.



设备型号 Model of equipment	测量单位 Unit of measurement	GCM-2000C 240锭包覆纱机 Spindle covering machine
机器规格 Norm of machine		
卷取层数 Number of coiling layer	层 Layer	单层 single layer
锭盘层数 Number of wharve layer	层 Layer	1
单包最大卷取数 Maximum coiling number of single covering	位 Position	2
节数 Number of node	节 Node	20
每节锭数 Number of ingot per node	位 Position	12
外形尺寸 (长*宽*高) Out-form dimension (L*W*H)	mm	2000*1300*2030
设备总重量 Total weight of equipment	Kg	5500
锭子 Spindle		
锭数 Number of spindle	锭 Spindle	240
锭子类型 Type of spindle		固定式锥形 fixed conic type
锭距 Distance between spindles	mm	140
机械锭速 Mechanical spindle speed	转/分 rpm	15000
锭捻向 Twisting direction of spindle		S/Z
捻度范围 Range of twisting degree	捻/米 Twist/m	200-3500
外包丝容量 Capacity of wrapped filament	g	300
卷取 Coiling		
卷取外形尺寸 Out-form dimension of coiling	mm	10*11
牵伸、电气和功率 Drafting, electric, and power		
马达功率 Power of the motor of the upper spindle	Kw	7.5
成型马达 Power of the motor of coiling of formation	Kw	1
变频器 frequency converter	Kw	7.5



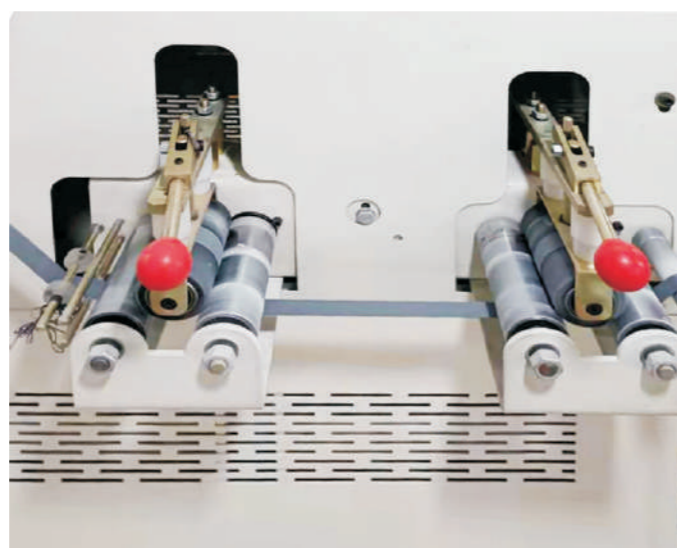


# GCM-2000D 橡筋包覆纱机

## COVERING MACHINE

最新GCM-2000D橡筋包覆纱机是将橡胶丝、乳胶丝用纱线包覆。可生产各种规格的单、双包橡胶包覆丝，特别适用于生产带织物，弹性花边等。本机配有变频调速装置，可随意调整锭子转速并节约用电量。

The latest GCM-2000D boot binder is for covering the rubber wire, latex wire by yarn in various specified single or dual layered wires and suitable for producing the weaved and elastic chiffon. The machine with frequency varied and speed regulating device is for adjusting the ingot's rotation speed and saving up the electronic volume.



设备型号 Model of equipment	测量单位 Unit of measurement	GCM-2000D 160锭包覆纱机 Elastic covering yarn machine
机器规格 Norm of machine		
机器结构 Structure of machine		双面双层 Dual-face dual-layer
卷取层数 Number of coiling layer	层 Layer	1
锭盘层数 Number of wharve layer	层 Layer	2
双包最大卷曲数 Maximum coiling number of dual covering	位 Position	80
节数 Number of node	节 Node	5
每节锭数 Number of ingot per node	位 Position	32
外形尺寸 (长*宽*高) Out-form dimension (L*W*H)	mm	11000*1050*1800
设备总重量 Total weight of equipment	Kg	3500
锭子 Spindle		
锭数 Number of spindle	锭 Spindle	160
锭子类型 Type of spindle		固定式直形/固定式锥形 Fixed straight type/fixed conic type
锭距 Di Distance between spindles	mm	200
机械锭速 Mechanical spindle speed	转/分 rpm	15000
锭捻向 Twisting direction of spindle		S/Z
捻度范围 Range of twisting degree	捻/米 Twist/m	200-3500
外包丝容量 Capacity of wrapped filament	g	550
外包丝筒子 Wrapped filament bobbin		Φ84*Φ36*Φ140
卷取 Coiling		
卷取外形 Out-form of coiling		双锥集中 Double cone integration
卷取外形尺寸 Out-form dimension of coiling	mm	Φ180*140
卷取管尺寸 Size of coiling tube	mm	Φ48*155/Cone Shaped paper tube
最大卷取容量 Maximum coiling capacity	g	≤850
卷取成形 Coiling formation		机械成形/电脑成形 Mechanical formation/computerized formation
牵伸、电气和功率 Drafting, electric, and power		
牵伸范围 Drafting range	倍 Multiple	1.5-6
上锭马达功率 Power of the motor of the upper spindle	Kw	7.5
下锭马达功率 Power of the motor of the power spindle	Kw	7.5



# GX-120 精密倒筒机

## PRECISE REWINDER

GX-120 精密倒筒机主要适用于超细旦包覆纱的翻倒，具有高性能、高产量的特性

GX-120 precise rewinder is mainly applicable for overturn of the extra-fine denier covered yarn and holds the features of high performance and high productivity.

### 主要优点

- 1、与同类机比，较少机台数目达到等产量。
- 2、设计完美的纱筒、甚至用与卷绕超细旦包覆纱，如2008也同样表出色。
- 3、单锭单控成形，计长计重系统。
- 4、卷取与摆纱具有互相控制系统，不会使纱线绕在一起。

### Main characteristics

- 1、Compared with the same machines, equal productivity is available with less number of the machines.
- 2、Perfectly designed bobbin, presented in the same remarkable outstanding even being used for winding the extra-fine denier covered yarn, as 2008.
- 3、Single-spindle single-control formation, length-counting weight-counting system.
- 4、A mutual control system is set between coiling and yarn layout, therefore no yarns will be wrapped together.

### 特别装置

采用电脑触摸屏，PLC程序控制成形。

### Special allocation:

Use a computerized touch screen and PLC controlled formation.

设备型号Model of equipment	测量单位 Unit of measurement	GX-120精密倒筒机 Precision winding machine
机器规格 Norm of machine		
机器结构Structure of machine		立式双面单层Vertical double-sided single-layer
节数 Number of node	节Node	1-8
每节锭数Number of ingot per node	位Position	5
外形尺寸(长*宽*高) Out-form dimension (L*W*H)	mm	2800-12400*1200*1400
设备总重量Total weight of equipment	Kg	2000(8节)
锭子 Spindle		
锭数Number of spindle	锭Spindle	24
锭距Distance between spindles	mm	350
筒子形式cone size		Cylindrical bobbin or cone bobbin
绕纱线速度 winding speed	m/min	600-900
卷装尺寸package size	mm	170-280
张力调节 tension adjustment		adjust heavy hammer with know
传动 drive		single drive
绕卷点击功率yarn motor power	kw/spindle	0.12
机器尺寸 machine dimensions		95000*800*1600



# GBW-120A 精密络筒机

## COVERING MACHINE

GBW-120A 高速纱筒络纱机具有高性能、高产量特性。

GBW-120A Hi-speed yarn canister has high performance and high capacity.

### 主要优点:

- 1.与同类机比, 较少机台数目达到等产量
- 2.设计完美的纱筒, 甚至用与卷绕6/12D尼龙也同样表现出色
- 3.大量减少占地面积。

### Main characteristics

1. Compared with similar machines, it can reach same capacity with less machines.
2. Yarn canister with perfect design is outstanding same as Nylon(6/12D)
3. Obviously saving up the occupation area.

### 特别装置:

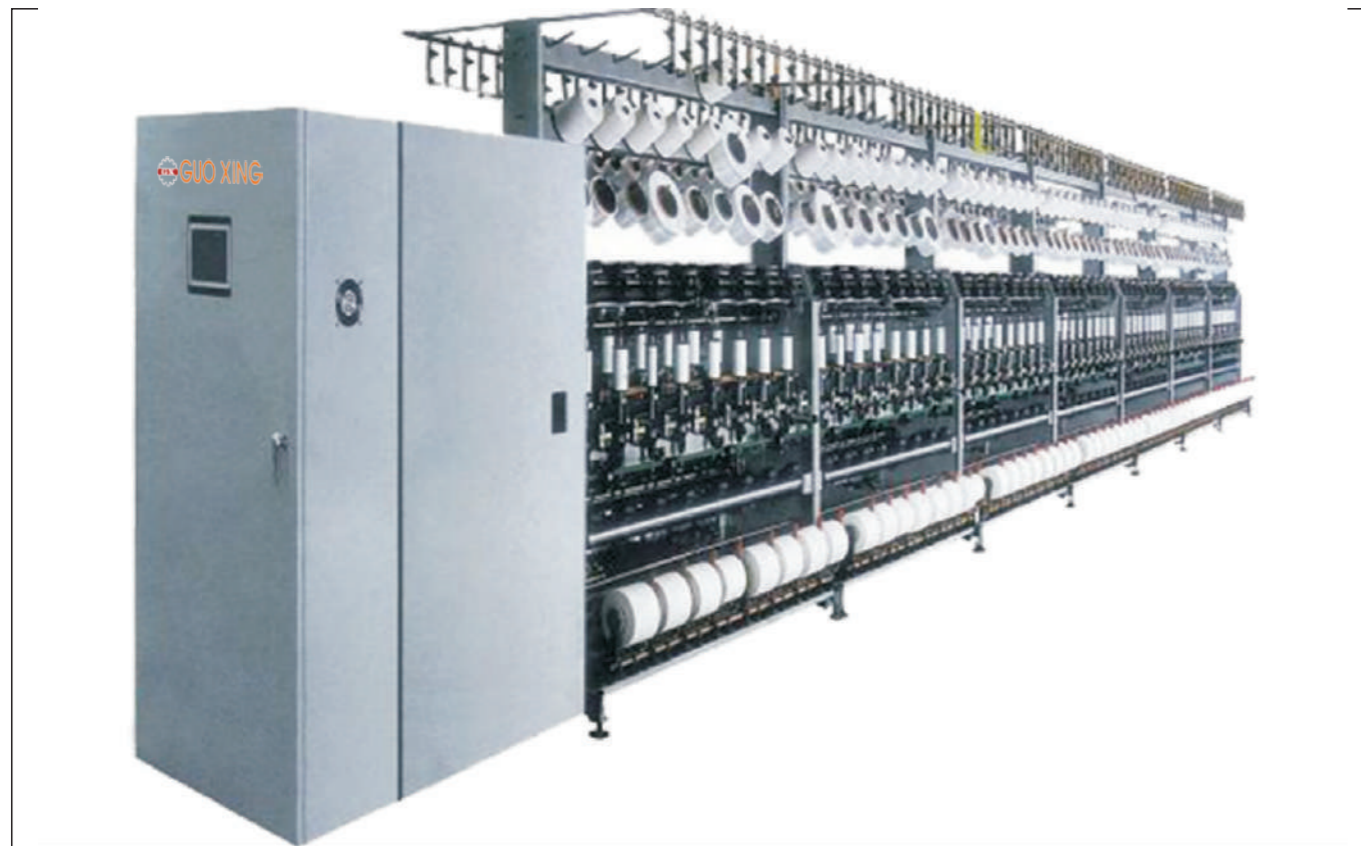
采用电脑触摸屏、PLC程序控制成形

### Special allocation

Use a computerized touch screen and PLC controlled formation



设备型号Model of equipment	测量单位 Unit of measurement	GBW-120A 精密络筒机 Winder machine
机器规格 Norm of machine		
机器结构Structure of machine		立式双面单层Vertical double-sided single-layer
节数 Number of node	节Node	1-6
每节锭数Number of ingot per node	位Position	16
外形尺寸 (长*宽*高) Out-form dimension (L*W*H)	mm	12000-1000*1580
设备总重量Total weight of equipment	Kg	1350 (6节)
锭子 Spindle		
锭数Number of spindle	锭Spindle	16-96
锭子类型 number of spindle	mm	固定式直行/固定式锥形fixed straight type/fixed conic type
络距 distance between spindles		185
产生速度 produe speed	米/分 M/min	1600m/min
电气和功率Electrical and power		
络筒成形Winding molding		电脑成形Computerized formation
每锭卷取马达功率Each tablet take-up motor power	kw	3



# GX-112A 花式捻线机

## COVERING MACHINE

**主要特征及用途:**

- 1.GX-112A花式捻线机采用先进的高速空心锭，其花色成型采用微电脑及变频控制技术完成。
- 2.适用于仿制各种类型的花色纱线。如圈圈纱，波纹纱，多色结子纱等。是一种适应性广，功能齐全的新型纺纱机。

**适用范围:**

化纤长丝、低弹丝、棉丝、晴纶及部分天然原料等。

**Main characteristics:**

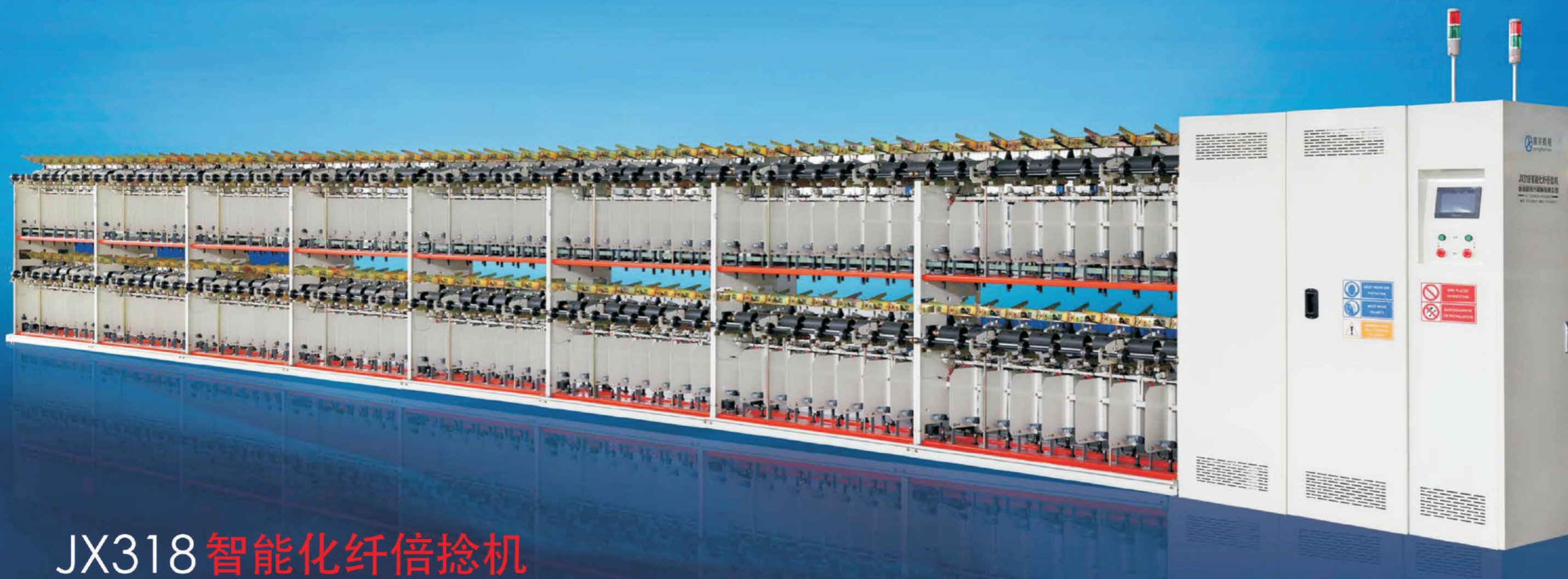
- 1.GX-112A fancy twisting machine adopts advanced high speed hollow spindle, and its design and color forming is completed by microcomputer and frequency conversion control technology.
- 2.Suitable for spinning all kinds of yarns, such as loop yarn, corrugated yarn, multicolor knot yarn,. It is a new type of spinning machine with wide adaptability and complete functions.

**Scope of application:**

chemical filament, low elastic filament, cotton filament, acrylic fiber and some natural raw materials.



设备型号Model of equipment	测量单位 Unit of measurement	GX-112A 精密络筒机 Winder machine
结构形式Structure Type	单位Unit	双面单层Double Side and Single Layer
锭数Number of Spindle	锭	112 (标准型), 每节16锭 112 (standard), 16 spindles for each section
整机总功率Total Power	KW	15, 25
整机尺寸Overall Size	MM	14300*1360*2150 (L*W*H)
锭距Spindle Pitch	MM	210
适纺支数Count	公支	3-40Nm
喂入纱线Feed yarn	根	≤3 (pieces)
捻度范围Twisting Range	T/M	300-1600
锭子转速Spindle Speed	r/min	5000-12000 (无极可调) 5000-12000 (Stepless)
锭子驱动系统Spindle Drive System		龙带循环Apron Belt Drive
卷绕形式Winding Tpye		槽筒式卷绕 Grooved Roll Winding
槽筒Grooved Roll Size	Mm	Φ82*Φ176
罗拉速度Roller Speed	M/min	5-27 (无级可调 stepless)
最高生产线速度Max.Linear Velocity	M/min	≤27
下假捻器转速False twister speed	R/min	4600-23000
捻向 Twist Direction		S/Z



# JX318 智能化纤倍捻机

Boundless Two-For-One Twister For Short Fibers

JX318 是本公司在吸收国外先进技术，自行设计的高产节能型倍捻机。有占地少、锭数多、效率高、价格便宜的优点。比较适合加工各种腈、涤丝、混纱、化纤、长丝等纱线。

The JX318 machine is a high yielding two-for one twister created by our autonomous designing with reference to the overseas advanced technologies, features a less ground occupation, bigger spindle number, high efficiency and cheap price, well applicable to processing of different acrylic, polyester thread, blend yarn, chemical fiber and long staple yarn, etc.



### 产量 Production Calculation Method

$$\text{纱速 Yarn speed} = \frac{\text{锭速 spindle speed (r / min)} \times 2}{\text{捻度 No. of twists (T/M)}} \text{ m/min}$$

$$\text{产量 Production} = \frac{\text{纱速 Yarn speed} \times \text{锭数 spindle} \times \text{工作时间 working time} \times \text{工作效率} \times \text{合股后 D 数}}{1000 \times 9000}$$

例如 Example: 96 锭倍捻加工 1.50Dx3200T/M, 7000r/min

$$\text{产量 Production} = \frac{70 \times 96 \times 24 \times 60 \times 0.99 \times 450}{1000 \times 9000} = 480 \text{ kg/Day}$$

### 性能特点:

- ◇ 高产、节能, 真正做到一半投入两倍产出
- ◇ 适用纱线: 纯棉、粘胶棉及加氨纶、棉、毛、腈、涤纶混纺等丝线

### Features:

- ◇ Suitable for large capacity and energy saving. Half input with double output.
- ◇ Applied Yarns: Threads of pure cotton, viscose fiber and blended threads of spandex, cotton, wool, acrylon and terylene.

### 技术参数 Specification

锭数 No. of spindles	256
锭距 Spindle Distance	225 MM
常用锭子转速 Normal Spindle Speed	8000-14000 RPM
锭子传动方式 Spindle Driving Mode	龙带循环传动 Belt Circulatory Driving
锭子固定方式 Spindle Fixture Made	磁力固定 Magnetic Fixture
捻度范围 Twisting Range	60-3000 T/M
捻向 Twisting Direction	S or Z
供丝筒子尺寸 Feed Bobbin Size	L240-350*Φ42*Φ110
卷绕筒子尺寸 Take-up Bobbin Size	Φ160*Φ89*L165*L173
启动方式 Start Model	Y-Δ 慢速启动 Slowly Start
控制方式 Control Mode	可编程 PLC
成型方式 Setting Model	电脑成型数字式 Computerized Setting
张力器 Tensioner	弹珠张力器和垫圈式张力器并用 Ball Tensioner & Washer Tensioner
卷取张力 Take-up Tensioner	调整丝线在超喂罗拉上的包围角 Adjust The Yarn Angle In The Roller
卷绕角 Winding Angle	无极可调 Stepless Adjustable (5-14°)
卷绕方式 Take-up Type	伺服电机传动 Servo Motor
主电机功率 Main Motor Power	7.5 KWx2( 可选配永磁电机 )



# JX318-II 智能化纤倍捻机

Boundless Two-For-One Twister For Short Fibers

JX318-II是本公司在吸收国外先进技术，自行设计的高产节能型倍捻机。有占地少、锭数多、效率高、价格便宜的优点。比较适合加工各种腈、涤丝、混纱、化纤、长丝等纱线。

The JX318-II machine is a high yielding two-for one twister created by our autonomous designing with reference to the overseas advanced technologies, features a less ground occupation, bigger spindle number, high efficiency and cheap price, well applicable to processing of different acrylic, polyester thread, blend yarn, chemical fiber and long staple yarn, etc.



### 产量Production Calculation Method

$$\text{纱速 Yarn speed} = \frac{\text{锭速 spindle speed (r/min)} \times 2}{\text{捻度 No. of twists (T/M)}} \text{ m/min}$$

$$\text{产量 Production} = \frac{\text{纱速 Yarn speed} \times \text{锭数 spindle} \times \text{工作时间 working time} \times \text{工作效率} \times \text{合股后D数}}{1000 \times 9000}$$

例如 Example: 416锭倍捻加工500Dx3200T/M, 12000r/min

$$\text{产量 Production} = \frac{7.5 \times 416 \times 24 \times 60 \times 0.99 \times 50}{1000 \times 9000} = 24.7 \text{ kg/Day}$$

### 技术参数 Specification

锭数 No. of spindles	416 (或520)
锭距 Spindle Distance	225 (或180) MM
常用锭子转速 Normal Spindle Speed	8000-14000 RPM
锭子传动方式 Spindle Driving Mode	龙带循环传动 Belt Circulatory Driving
锭子固定方式 Spindle Fixture Mode	磁力固定 Magnetic Fixture
捻度范围 Twisting Range	60-3000 T/M
捻向 Twisting Direction	S or Z
供丝筒子尺寸 Feed Bobbin Size	L240-350*φ42*φ110
卷绕筒子尺寸 Take-up Bobbin Size	φ160*φ89*L165*L173
启动方式 Start Model	Y-Δ 慢速启动 Slowly Start
控制方式 Control Mode	可编程 PLC
成型方式 Setting Model	电脑成型数字式 Computerized Setting
张力器 Tensioner	弹珠张力器和垫圈式张力器并用 Ball Tensioner & Washer Tensioner
卷取张力 Take-up Tensioner	调整丝线在超喂罗拉上的包围角 Adjust The Yarn Angle In The Roller
卷绕角 Winding Angle	无极可调 Stepless Adjustable (5-14°)
卷绕方式 Take-up Type	伺服电机传动 Servo Motor
主电机功率 Main Motor Power	7.5 KWx2 (可选配永磁电机)

### 性能特点:

- ◇ 高产、节能，真正做到一半投入两倍产出
- ◇ 适用纱线：纯棉、粘胶棉及加氨纶、棉、毛、腈、涤纶混纱等丝线

### Features:

- ◇ Suitable for large capacity and energy saving. Half input with double output.
- ◇ Applied Yarns: Threads of pure cotton, viscose fiber and blended threads of spandex, cotton, wool, acrylon and terylene.

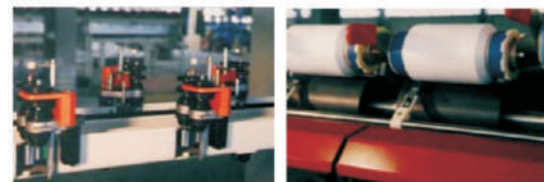


# JX328 假捻机

False Twisting Machine

### 性能特点:

本机是一种集倍捻、定型、假捻于一身的长丝加工新型设备，生产绢丝用作涤纶仿真丝织物的纬丝。化纤长丝经过倍捻，在热箱中进行预缩和定型、假捻，使长丝具有扭曲、弹性、蓬松的效果，后道加工的丝织物具有高效仿真效果。与传统的绢丝加工相比，本机采用智能化电控系统，电器集中控制，PLC 人机界面，电脑控制锭间温度，从而减少锭间温差，与普通电热箱加温可缩短时间，可节电 30% 左右，所以本机明显有效率高、产量大、成本低等优点。



### Features:

Two-for-one twister for textured crepe, an integration of double twisting, setting and false twisting is a new filament processing equipment for silk-like crepe. compared to the traditional processing machine, this machine adopts intelligent electronic control system, electrical centralized control using PLC man-machine interface, computer-controlled spindle room temperature, thus reducing the temperature difference between spindles, shortening the heating time, 30% saving in electricity consumption. This machine is efficient, high yield and low cost.

### 产量 Production Calculation Method

$$\text{纱速 Yarn speed} = \frac{\text{锭速 spindle speed (r / min)} \times 2}{\text{捻度 No.of twists (T/M)}} \text{ m/min}$$

$$\text{产量 Production} = \frac{\text{纱速 Yarn speed} \times \text{锭数 spindle} \times \text{工作时间 working time} \times \text{工作效率} \times \text{合股后D数}}{1000 \times 9000}$$

例如 Example: 96 锭倍捻加工 1.50Dx3200T/M, 7000r/min

$$\text{产量 Production} = \frac{70 \times 96 \times 24 \times 60 \times 0.99 \times 450}{1000 \times 9000} = 480\text{kg/Day}$$

### 技术参数 Specification

操作形式 Form of operation	双面单层 Two sides, single layer
锭数 No. of spindles	基本锭为 192 锭, 16 的倍数 192 spindles as basic number, 16 multiplication and so on
锭距 Section Gauge	225mm
锭速 Spindle speed	8000~13000
假捻范围 False Twist Range	无机调节 Infinite adjustment
捻向 Twist direction	S 或 Z S or Z
最大卷绕容量 Maximum Winding Volume	1.7KG, φ200x152
退解筒子规格 Unwinding Bobbin Specification	φ110xφ42x290
卷取筒子规格 Winding Bobbin Specification	φ54xφ54x170
卷绕角 Winding Angle	20° -40° 任意可调 20-40 freely adjustable
张力控制 Tension Control	多级式张力球和张力圈并用 Combined application both of multi-sectional tension balls and tension rings
适用范围 Applicability	30D~400D 的涤纶化纤长丝 30D~400D polyester fully drawn yarns
动力装机功率 Installed Power	19KW
电热功率 Thermoelectric Power	10.5KW
工作温度 Working Humidity	140℃ ~250℃
热箱过丝长度 Oven-Passage Yarn Length	400mm
假捻转子最高速度 False Twist Rotor Maximum Speed	28000RPM
工作环境要求 Working Environment Requirements	相对湿度 ≤ 85%; 温度 ≤ 30℃ Relative Humidity ≤ 85%, Temperature ≤ 30℃
外形尺寸 Outside Dimension	2300+1830xN 节

## JX310G 化纤倍捻机

Two-For-One Twister For Chemical Fiber

化纤长丝加捻设备，实现一转两捻，效率比传统捻线机成倍提高，卷装容量增大，万米无接头，加捻质量大幅度提高。较低的层高，特别适宜操作。

Two-for-one for Filament Fiber Twister achieves one turning two twisting. Its efficiency is higher than traditional machine in times. Take-up volume increasing, no piecing in ten kilometers, twisting quality highly improved.

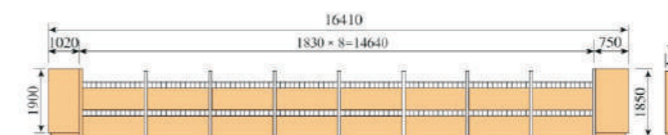


### 性能特点:

- ◇ 高层高适中，操作特别方便舒适
- ◇ 简捷的传动系统，维修极为方便
- ◇ 经过特殊处理的 RILI 化纤倍捻锭子，适用范围更广

### Features:

- ◇ Medium height, ease for operation;
- ◇ Simple drive system, ease for maintenance;
- ◇ Special treated RILI chemical fiber twisting spindle, ease for using.



### 技术参数 Specification

锭数 No. of spindles	256
供丝筒子尺寸 Size of yarn winding bobbin	L240-320 x φ42 x φ110mm
卷取筒子尺寸 Size of winding bobbin	φ145-160 x φ89 x L165 x L173mm
锭距 Spindle gauge	225mm
最高锭子转速 Max. spindle speed	14000rpm
常用锭子转速 Normal spindle speed	10000-13000rpm
捻度范围 Twist range	350-3989T/M
捻向 Twist direction	S 或 Z
锭子传动方式 Form of spindle driving	龙带循环传动 belt circulating drive
锭子固定 Spindle fixture	磁力固定 magnetic fixture
启动方式 Start mode	Y-Δ 慢速启动 star-delta slow start
张力器 Tensioner	弹子张力器和垫圈式张力器并用 ball tension device
卷取张力 Take-up tension	调整丝线在超喂罗拉上的包围角 adjust the yarn in roller angle
电机功率 Motor power	7.5kw x 2 台 dais
外形尺寸 Overall size	16410 x 750 x 1900mm



# JX318 真丝倍捻机

Two-For-One Twister For Silks

JX318 型真丝倍捻机可将单股或多股的桑蚕丝按工艺要求进行加捻, 该机具有捻度范围广、锭速均匀、卷装容量大的特点, 并有锭速、捻度、卷绕线速等实时工艺参数显示, 卓越的性能使之成为全国纺织业的首选品牌, 其性能和制造技术均处于国内领先水平。

JX brand Two-For-One Twister is in leading field from developing laboratory to producing technology in domestic. JX became the first choice in national textile industry and started international business with the advantages such as hi-quality, hi-efficiency, low noise, low power consumption, even spindles rotation and durable.



## 技术参数 Specification

机型 Model	双面双层 Double sides, double layers
锭数 Number of Spindle	256(标准 Standard), 288
锭子转速 Spindle Speed	3500~ 10000 rpm
捻度范围 Twist Range	85-4848 T/m
捻向 Twist Direction	S 或 Z
供丝筒管尺寸 Unwinding Bobbin Size	φ 115x φ 60x 165mm .
往复动程 Traverse	152mm(无边卷取 Bordered winding) 或 165mm(有边 unbordered winding)
最大卷取尺寸 Take-up Max. Size	φ 150mm(无边卷取 Bordered winding) 或 φ145mm(有边 unbordered winding)
张力调节 Adjust Tension	多档式钢珠调节张力 Multi-step steel ball adjust tension
启动方式 Start Mode	星三角转换延时启动 Star-delta delay start
电机功率 Motor power	5.5KwX2 台, 7.5KwX2 台
外形尺寸 Dimensions	长 16860x 宽 780x 高 1850mm (256 锭)



# JX321A 大卷装倍捻机

large diameter package two-for-one twister



### 性能特点:

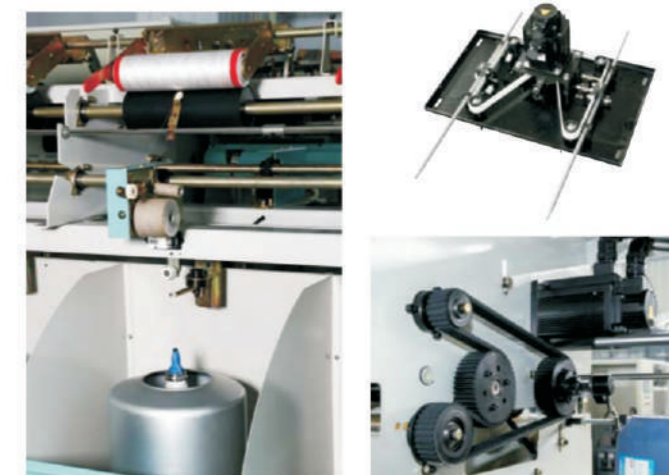
- ◇ 可做二合一, 三合一, 四合一可根据客户要求自由调节
- ◇ 超喂采用双辊罗拉, 使股线均匀一致
- ◇ 伺服电机驱动导纱横动, 卷绕采用同步带传动减少油污, 保证良好的定位精度和导纱杆往复运动
- ◇ 可配电子探丝器, 提高纱线质量, 减少原纱的浪费

### Features:

- ◇ It is possible to do two-in one, three-in one and four-in one by free adjustment according to customers' requests.
- ◇ The double roller roller is applied for the overfeeding to achieve evenness and consistency of the plied yarns.
- ◇ The servo motor drives the yarn guide to move transversely. The synchronous belt is applied for transmission during the winding to reduce grease pollution so as to ensure a good positioning precision and a reciprocating movement for the yarn-guide rod.
- ◇ May mount electronic yarn detectors to elevate the yarn thread quality and reduce the raw yarn waste.

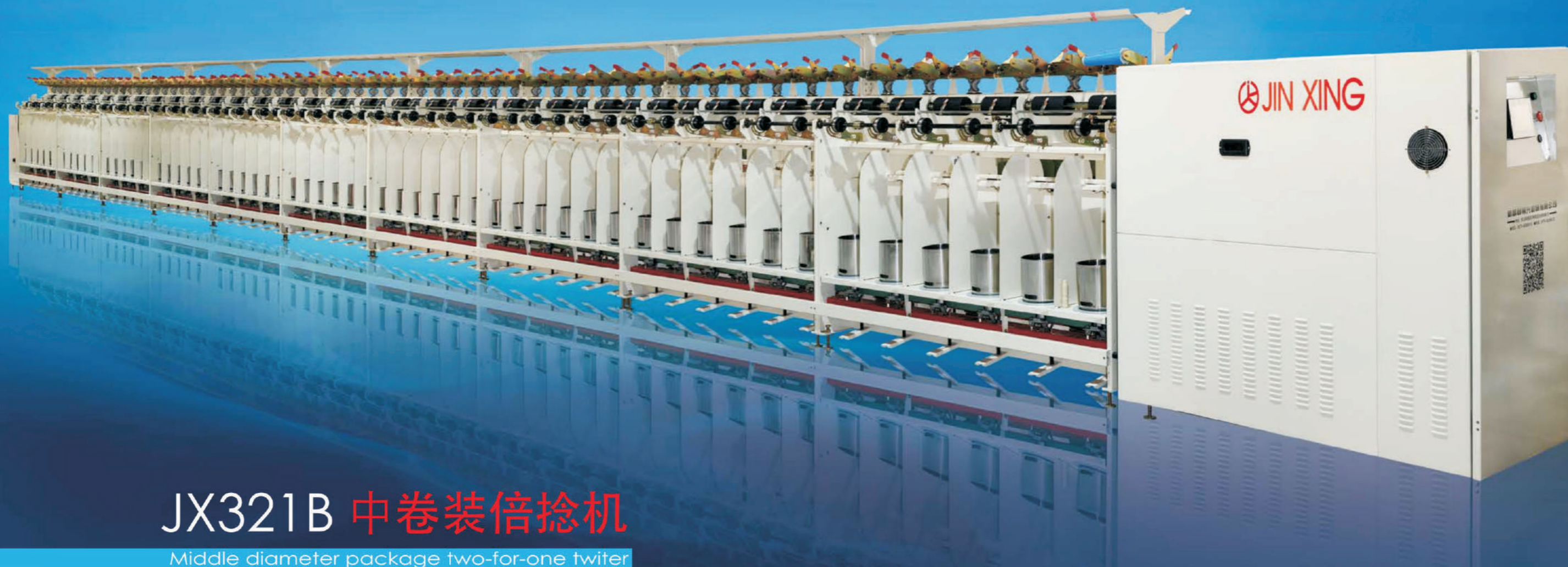
适合800D~20000D涤纶、锦纶、丙纶等各类长纤, 通过PLC控制系统和伺服驱动装置, 控制卷取导纱机构、卷绕机构和各传动机构, 实现在触摸屏上设定和监控锭速、捻度、卷绕角等主要工艺参数。成形长度可任意调节, 平行、收边、松边成形方式可直接设定, 变更方便, 满足不同产品工艺要求。

Applicable to 800D~20000D polyester, nylon and pp fiber long staples. Both the PLC-based control system and the servo-driving device are arranged to control the winding and yarn-guide mechanism, the winding mechanism and each transmission mechanism, effecting the on-the touch screen monitoring, controlling the main technical parameters of the spindle speed, the twist and the winding angle. The formation length is adjustable at will. It is allowed to set the parallelism, the trimming and the loose selvage formation method directly and change them easily to meet the technological requirements for different products.



### 技术参数 Specification

操作方式 Form of operation	双面单层, 引丝线穿线 double sides, single layer, manule guiding yarn
锭数 Spindle number	8 锭倍数, 标准型 64 锭 64 spindles as basic number, 8 multiplication and so on
锭距 Spindle gauge	540mm
锭子 Spindle	D230~D250~D280
锭速范围 Spindle speed	3000~7000r/min
捻度范围 Twist range	50~1500T/m
捻向 Twist direction	S 捻或 Z 捻
锭子张力器 Tensioner	重锤, 张力珠
供纱筒管尺寸 Supply bobbin size	(54~70)X230~290
卷取筒管尺寸 Take-up bobbin size	(54~70)X230~290
卷绕动程 Traverse	<254mm (可任意调节)
额定功率 Rated motor power	18Kw
启动方式 Start mode	按钮式启动 Push button start
卷绕角 Angle of taper	可任意调节 Can be arbitrarily adjusted
导丝器往复次数 Reciprocating frequency	最大 80 次 / 分
卷取速度 Coiling speed	最大 100 米 / 分
适用范围 Usage range	涤纶、锦纶、丙纶等各类长纤 polyester, chinlon, fiber, filament
外形尺寸 Overall size	17280X1090X1760+2230mm



## JX321B 中卷装倍捻机

Middle diameter package two-for-one twiter

### 适用范围:

主要适用1000D以上粗纱加捻，应用于工业缝纫线，轮胎子午线，箱包线，传动带粘合线等。

### Application:

The machine suit for the thick thread which more than 1000D.For example:sewing thread ,tyre-cord,Luggage case thread.Belt cement line ect

### 性能特点:

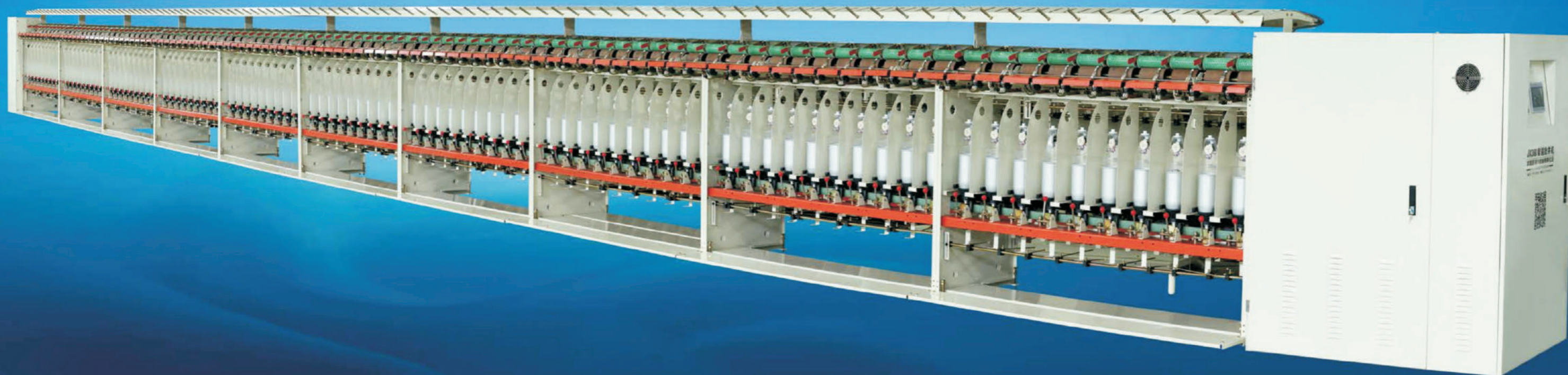
- ◇所有工艺参数可以在触摸屏手写输入，使工艺调节更加便捷。
- ◇原料不用分丝直接加捻，最大 5kg。
- ◇采用前后电机传动，使锭速更均匀。

### Features:

- ◇ All the parameter can be setting in computer much convenient
- ◇ All raw materia no need rewinding can be use directly,The maximum bobbin can be reahed 5kg
- ◇ Use the doule motor synchronizing drive control system,spindle speed much more smooth

### 技术参数 Specification

机器型式 Type of machine	双面单层 Double sides one layer
锭数 Spindle number	120 锭 (12 锭/节 x10 节) 120spindles(12spindles/sectionX10section)
锭距 Spindle gauge	360mm
机器规格 Dimension	24mX0.9mX1.8m
每节长度 Length/section	2.16m
最高锭速 Spindles speed/max	8000 转 / 分钟 8000Rpm/min
捻度 Twit	S 捻或 Z 捻
捻向 Twist direction	S/Z
收卷管 Take up bobbin	L300(最长) L (max)
退解管 Unwinding cops	L300
主电机功率 Motor (main)	11kwX2
张力控制 Tension control	钢珠或者胶囊式 Ball or capsule
收卷 Traverse	电子成形 Electronic traveres
控制方式 Control system	电脑 Computer



# JX388 智能直捻机

The direct twisting machine

主要用于人造丝,涤纶,棉纱,玻璃纤维等多股加捻;  
成品纱线:缝纫线,花边线,绣花线等等。

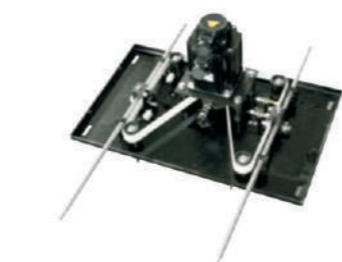
Chiefly applicable to the twisting of rayon,polyester,cotton yarn and fiberglass multi-ply yarns,finished threads:sewing machine thread,lace thread,embroidery thread,etc.

### 性能特点:

◇本机采用通过 PLC 控制系统和伺服驱动装置,控制卷取导丝机构、卷绕机构和各种传动机构。

### Features:

◇ The PLC-based control system and the servo driving device are arranged to control the winding yarn guide mechanism,the winding mechanism and diverse transmission mechanisms.



### 技术参数 Specification

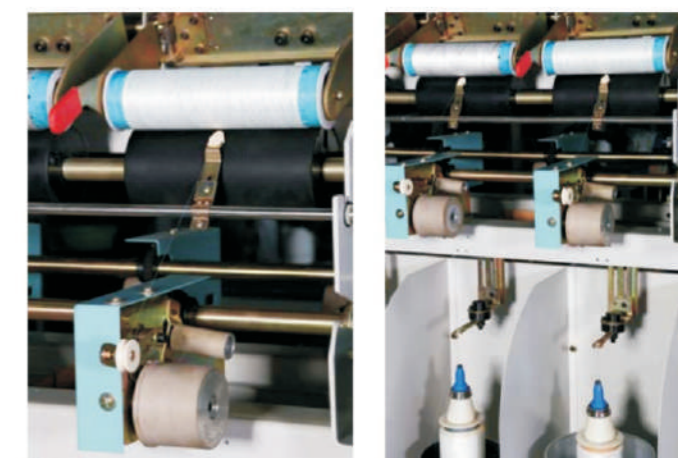
操作形式 Form of operation	双面单层,引丝线穿线 double sides, single layer, manule guiding yarn
锭数 Spindle number	16 锭倍数,标准型 160 锭 160spindles as basic number, 16multiplication and so on
锭距 Spindle gauge	265mm (160 锭子)
锭速范围 Spindle speed	5000-8000r/min (1000 转 / 档)
捻度范围 Twist range	50-1000T/m
捻向 Twist direction	S 或 Z 捻
收卷管 (直管长度 210mm)	L210mm
卷绕动程 Traverse	190mm
卷装量 Volume of roll	3Kgs(3 公斤)
额定功率 Rated motor power	标准 15KW
电器控制方式 Electrical control mode	数字触屏 Digital touch screen
刹车方式 Braking mode	手刹 manual
导丝器往复次数 Reciprocating frequency	最大 100 次 / 分
卷取速度 Coiling speed	最大 100 米 / 分
机器用途 Usage	用于人造丝,涤纶,棉纱,玻璃纤维等多股加捻;成品纱线:缝纫线,花边线,绣花线等
外形尺寸 (不含吸尘器) Overall size	23700X830X1850

# JX398A 智能捻线机

## TWO-FOR-ONE TWISTER FOR SHORT FIBERS

适合500D~2000D涤纶、锦纶、丙纶等各类长纤，通过PLC控制系统和伺服驱动装置，控制卷取导纱机构、卷绕机构和各传动机构，实现在触摸屏上设定和监控锭速、捻度、卷绕角等主要工艺参数。成形长度可任意调节，平行、收边、松边成形方式可直接设定，变更方便，满足不同产品工艺要求。

Applicable to 500D~2000D polyester, nylon and pp fiber long staples. Both the PLC-based control system and the servo-driving device are arranged to control the winding and yarn-guide mechanism, the winding mechanism and each transmission mechanism, effecting the on-the touch screen monitoring, controlling the main technical parameters of the spindle speed, the twist and the winding angle. The formation length is adjustable at will, it is allowed to set the parallelism, the trimming and the loose selvage formation method directly and change them easily to meet the technological requirements for different products.



### 性能特点:

- ◇ 可做二合一，三合一，四合一可根据客户要求自由调节
- ◇ 超喂采用双辊罗拉，使股线均匀一致
- ◇ 伺服电机驱动导纱横动，卷绕采用同步带传动减少油污，保证良好的定位精度和导纱杆往复运动
- ◇ 可配电子探丝器，提高纱线质量，减少原纱的浪费

### Features:

- ◇ It is possible to do two-in one, three-in one and four-in one by free adjustment according to customers' requests.
- ◇ The double roller roller is applied for the overfeeding to achieve evenness and consistency of the plied yarns.
- ◇ The servo motor drives the yarn guide to move traversely. The synchronous belt is applied for transmission during the winding to reduce grease pollution so as to ensure a good positioning precision and a reciprocating movement for the yarn-guide rod.
- ◇ May mount electronic yarn detectors to elevate the yarn thread quality and reduce the raw yarn waste.

### 技术参数 Specification

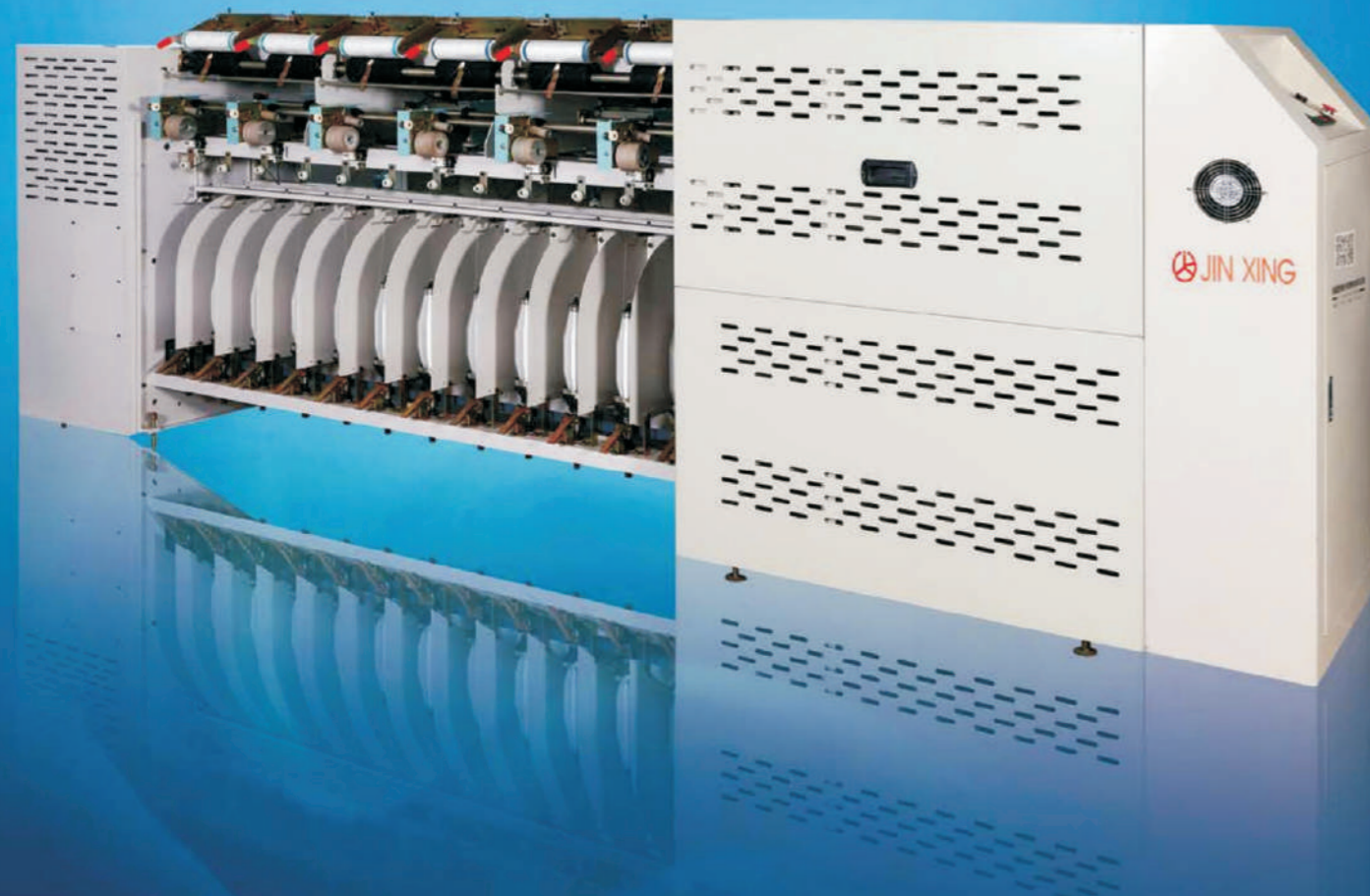
操作方式 Form of operation	双面单层，引丝线穿线 double sides, single layer, manule guiding yarn
锭数 Spindle number	14 锭倍数，标准型 112 锭 112 spindles as basic number, 14 multiplication and so on
锭距 Spindle gauge	308mm
锭子 Spindle	D196-D230
锭速范围 Spindle speed	3000-8000r/min
捻度范围 Twist range	80-1600T/m
捻向 Twist direction	S 捻或 Z 捻
锭子张力器 Tensioner	重锤，张力珠
供纱筒管尺寸 Supply bobbin size	φ37Xφ42X230~290
卷取筒管尺寸 Take-up bobbin size	(54~70)X230~290
卷绕动程 Traverse	<254mm (可任意调节)
额定功率 Rated motor power	18Kw
启动方式 Start mode	按钮式启动 Push button start
卷绕角 Angle of taper	可任意调节 Can be arbitrarily adjusted
导丝器往复次数 Reciprocating frequency	最大 80 次 / 分
卷取速度 Coiling speed	最大 100 米 / 分
适用范围 Usage range	涤纶、锦纶、丙纶等各类长纤
外形尺寸 Overall size	17280X820X1760+2230mm

# JX398B 智能捻线机

## TWO-FOR-ONE TWISTER FOR SHORT FIBERS

适合30D~300D涤纶、锦纶、丙纶等各类长纤，通过PLC控制系统和伺服驱动装置，控制卷取导纱机构、卷绕机构和各传动机构，实现在触摸屏上设定和监控锭速、捻度、卷绕角等主要工艺参数。成形长度可任意调节，平行、收边、松边成形方式可直接设定，变更方便，满足不同产品工艺要求。

Applicable to 30D~300D polyester, nylon and pp fiber long staples. Both the PLC-based control system and the servo-driving device are arranged to control the winding and yarn-guide mechanism, the winding mechanism and each transmission mechanism, effecting the on-the touch screen monitoring, controlling the main technical parameters of the spindle speed, the twist and the winding angle. The formation length is adjustable at will, it is allowed to set the parallelism, the trimming and the loose selvage formation method directly and change them easily to meet the technological requirements for different products.



### 性能特点:

- ◇ 可做二合一，三合一，四合一可根据客户要求自由调节
- ◇ 超喂采用双辊罗拉，使股线均匀一致
- ◇ 伺服电机驱动导纱横动，卷绕采用同步带传动减少油污，保证良好的定位精度和导纱杆往复运动
- ◇ 可配电子探丝器，提高纱线质量，减少原纱的浪费

### Features:

- ◇ It is possible to do two-in one, three-in one and four-in one by free adjustment according to customers' requests.
- ◇ The double roller roller is applied for the overfeeding to achieve evenness and consistency of the plied yarns.
- ◇ The servo motor drives the yarn guide to move transversely. The synchronous belt is applied for transmission during the winding to reduce grease pollution so as to ensure a good positioning precision and a reciprocating movement for the yarn-guide rod.
- ◇ May mount electronic yarn detectors to elevate the yarn thread quality and reduce the raw yarn waste.

### 技术参数 Specification

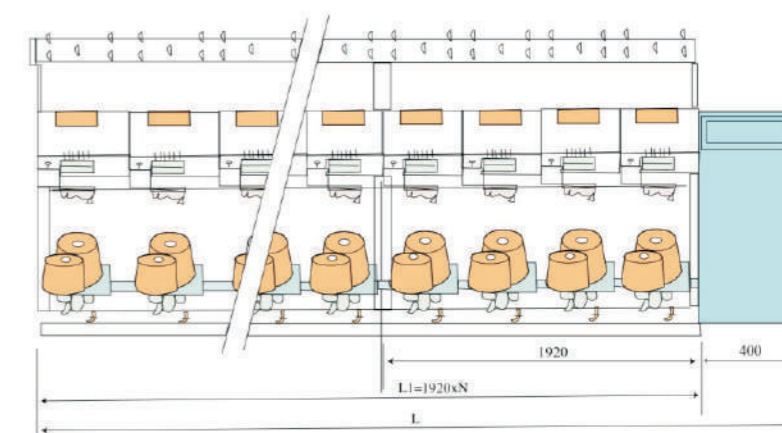
操作方式 Form of operation	双面单层，引丝线穿线 double sides, single layer, manule guiding yarn
锭数 Spindle number	24 锭倍数，标准型 192 锭 192spindles as basic number, 24multiplication and so on
锭距 Spindle gauge	180mm
锭子 Spindle	D90
锭速范围 Spindle speed	8000-12000r/min
捻度范围 Twist range	150-3500T/m
捻向 Twist direction	S 捻或 Z 捻
锭子张力器 Tensioner	重锤，张力珠
供纱筒管尺寸 Supply bobbin size	φ37Xφ42X320~360
卷取筒管尺寸 Take-up bobbin size	(54~70)X230~290
卷绕动程 Traverse	<254mm (可任意调节)
额定功率 Rated motor power	11Kw
启动方式 Start mode	按钮式启动 Push button start
卷绕角 Angle of taper	可任意调节 Can be arbitrarily adjusted
导丝器往复次数 Reciprocating frequency	最大 80 次 / 分
卷取速度 Coiling speed	最大 100 米 / 分
适用范围 Usage range	涤纶、锦纶、丙纶等各类长纤 Polyester, nylon, polypropylene and other types
外形尺寸 Overall size	17280X820X1760+2230mm

该机是我公司在吸收国内外有关先进技术的基础上自行设计的一种机型, 该机可将两股至六股的纱线合并为一股, 可卷绕成圆柱筒子, 适用于棉、毛、涤化纤及混纺等纱线的合股加工。

JX358 并纱机实行机电一体化设计制造, 结构简练, 易于安装调整, 操作方便, 并具有中央电脑程序设置, 单锭电机, 电子定长, 满筒自停, 电子防叠, 变频调速, 单锭控制, 断纱自停, 各锭清零, 数据记忆等功能。

Our company designed the machine by ourselves adopting advanced technology from domestic and overseas. The machine is able to double two-six yarns to one and winding it to be cylinder bobbin which suit for cotton, wool, chemical fiber etc.

JX358 assembly winder manufactured on electrical design, simple construction, easy installation, convenient operation and the machine has central computer device, spindle motor, length controlled by electrical, auto stop when bobbin full, prevent recover by electrical, invert speed adjuster, single spindle controller, auto stop when yarn broken, spindles separate, digital memory etc.



### 技术参数 Specification

机器形式 Machine Type	双面单层 Double Sides, Single Layer
锭距 Spindle Gauge	320, 400, 420, 520
锭数 No. of Spindles	72 锭 (标准) 12 锭 × 6 节 72 spindles for standard 12 × 6
合并股数 No. of yarns	2-3 股 2-3 yarns
并丝成速 Spindle Speed	100-800m/min
卷装形式 Form of winding	圆柱形 cylinder
卷装尺寸 Range of Twist	φ130-φ200 × (L152, 230, 280mm)
传动方式 Form of transfer	单锭传动 single spindle transfer
防叠方式 Anti-overlap mode	电子 electric
电机功率 Motor Power	90w/ 锭 spindle
机器外形尺寸 Overall size	长 (H) 11520 × 宽 (B) 1660 × 高 (H) 1560mm

# JX358 高速并纱机

High-Speed Assembly Winder

#### 提供的选配件:

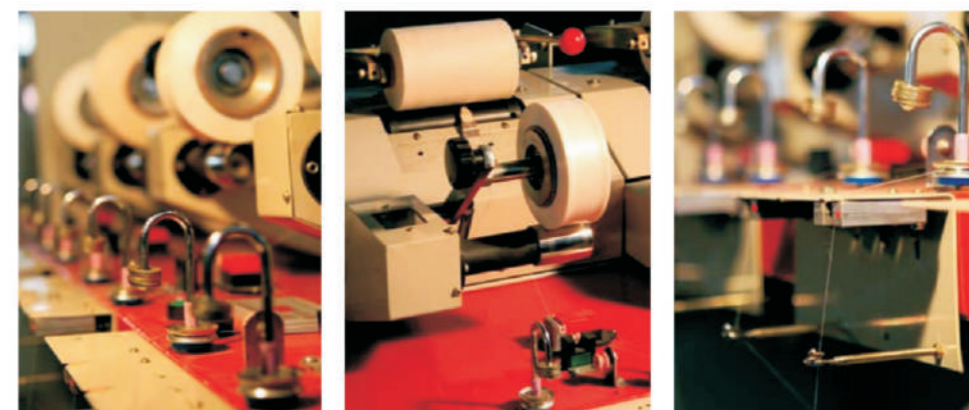
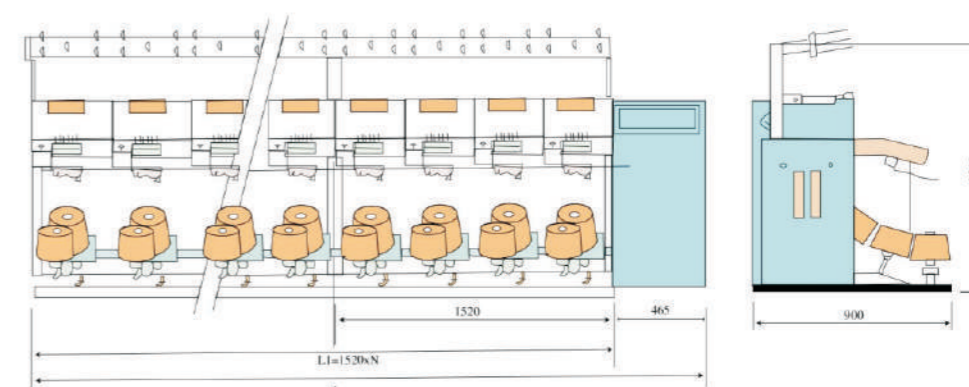
- ◇ 空气捻接装置
- ◇ 除尘装置 (吹吸机)

#### Optional:

- ◇ Air splicer
- ◇ De-dust device (Over head blower)

# JX368 氨纶并纱机

Spandex Assembly Winder



### 性能特点:

- ◇ 适合各种纱线的氨纶合股 (棉纱、深丝、绉棉、腈纶)
- ◇ 通过导程系统, 并纱时不出现分纱现象
- ◇ 通过采用独立驱动系统操作简便
- ◇ 装有断纱检测器电子传感器
- ◇ 氨纶纱线输入装置

### Features:

- ◇ Adapt to spandex double for all the yarn (cotton yarn, terylene, kapok, acrylic fibers).
- ◇ With the help of the leading guide, there is no dividing of yarn when double winding.
- ◇ Easy to operate by the separate driving system.
- ◇ Provided with electronic sensor for the breakage detector.
- ◇ Spandex yarn feeding device (especially for spandex yarn twisting)

### 技术参数 Specification

锭距 No. of spindles	380mm
转筒数 No. of bobbins	4 个为一组, 最大: 无限 →
并纱根数 No. of yarns	2 或 3
动程 Traverse	152mm(6")
最大纱线速度 Max. Speed of yarns	600m/min
电机 Power motor	120W
张力装置 Tension device	重量型 Heavy-duty
基本锭数 No. of Spindles	20 锭 spindles
纱线速度调整 Adjustment of yarn speed	通过变频器 by inverter
测量装置 Measuring installation	独立化电子系统 separate sub-system