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绍兴华裕纺机有限公司

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核心竞争力

Core Competitiveness

拥有各类倍捻技术的发明、实用新型专利

使公司技术立于同行业的领先地位

拥有自主创新机械式立体紧密纺纱技术填补国内空白

Owning patents of diverse inventions and new utility model for the two-for-one twisting,

Being on the top over the competitors of this kind in technologies,

Owning a 3-D compact spinning technology on independent innovation basis.

Filling the gap at home in this sector.

HY369A横孔射流气动穿纱气动抬升短纤倍捻机拥有 8项发明、实用专利

- 横孔射流气动穿纱短纤倍捻锭子 专利号: ZL2006 1 0053126.0
- 倍捻机的智能防叠松边装置及其方法 专利号: ZL2009 1 0099722.6
- 倍捻锭子低张力纱线退解装置 专利号: ZL2009 1 0101835.5
- 双向吸震及阻尼锭座 专利号: ZL2007 2 0303472.X
- 倍捻机的可调试刹车装置 专利号: ZL2008 2 0120918.X
- 气动穿纱倍捻锭子的防油污装置 专利号: ZL2008 2 0165813.6
- 短纤倍捻锭子的扩容式储纱罐 专利号: ZL2009 2 0114718.8
- 倍捻锭子内置式纱线油润滑装置 专利号: ZL2011 2 0064160.4



做精做强，打造世界一流产品

Making ourselves perfect and strong, creating No.1 products in the world.

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绍兴华裕纺机有限公司是国家重点高新技术企业，省专利示范企业。专业生产各类短纤、化纤倍捻设备和纺纱紧密纺装置。其产品气动穿纱短纤倍捻机被评为浙江省省首(台)套产品，承担浙江省重大科技攻关计划；高速超细化纤倍捻机列入浙江省高新技术产品；机械式立体紧密纺装置列入浙江省重点技术创新项目。公司拥有发明专利19项，实用新型专利36项。

企业创立至今，产品遍及国内各大城市的纺织企业，并出口东南亚等国家。其中，化纤倍捻机已销售600万锭，气动穿纱短纤倍捻机也以其节能高效，性能稳定、使用方便的优势为国内外众多知名棉纺企业批量采用。

专业的研发队伍，不断进取的企业精神，务实的工作态度，造就了华裕的今天。未来，我们将更快地识别和把握市场机遇；更严、更细地完善内部管理；更高效地应对客户需求和环境变化。创新——为客户提供更有价值的服务，诚信——为社会创造更多的财富，关怀——为员工拓展更大的发展空间。

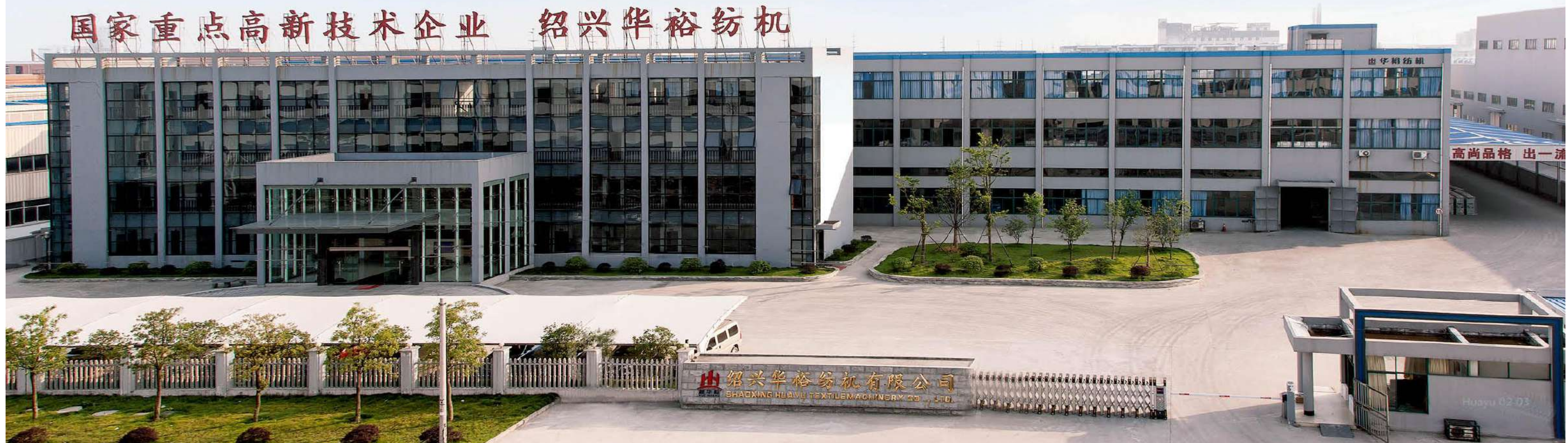
做精做强，争创一流，是华裕人不懈的追求，我们将一如既往地与您携手，共创国强民富的美好明天！

Shaoxing Huayu Textile Machinery Co., Ltd. is a state Hi-Tech enterprise, specializes in building different spun yarn and chemical fibre two-for-one twisting machines and compact spinning devices for the yarn-spinning. The pneumatic threading spun yarn two-for-one twisting machine is the first set (unit) of this kind, appointed to be in charge of important & major sci-tech key-problem tackling plans of Zhejiang Province. Its high speed & ultra-fine chemical fiber two-for-one twisting machine is listed among Zhejiang provincial Hi-Tech products. Its mechanical 3-D compact spinning device is listed among Zhejiang provincial key technically innovative projects. Since its establishment up to date the products of its make have spread to every textile enterprise in all the big cities at home, including 6 million spindles of the chemical fiber two-for-one twisting machines, while its pneumatic threading spun yarn two-for-one twisting machines are applied by numerous prestigious cotton textile mills at home in great unit numbers for its energy-saving effect, high efficiency, stable performance, handiness in use. Our professional R & D team, our business spirit of stoplessly striving high have brought Huayu today's achievements. For the future we will more quickly notice the market opportunity and master it firmly, perfect the internal management in more strict and more detailed way, respond to customers' requirements and environmental change more efficiently, provide customers with more worthy services, create more wealth for the society and open still bigger space of development for our employees. Making ourselves perfect and strong is an indomitable pursuance of Huayu people. We will always as before join our hands with yours to create a splendid future of rich country and strong people.



刘光容，高级工程师，江苏省无锡市人。82年毕业于南京航空航天大学飞机制造系，同年，分配至航空部614所。86年承担了国家倍捻锭子研制课题，并担任课题组组长，是我国最早接触倍捻技术的人员之一。94年下海从事倍捻锭子和倍捻机技术开发，现受聘于绍兴华裕纺机有限公司，任总工程师。期间，研发了多项倍捻和紧密纺发明、实用新型专利技术：横孔射流式气动穿纱短纤倍捻锭子、智能防叠松边装置、高速超细化纤倍捻锭子、油污纱防止装置、扩容式储纱罐、机械式立体紧密纺、浮游纤维集束装置等。

Liu Guangrong, senior engineer, from Wuxi City, Jiangsu Province origin, graduated from Nanjing Aerospace Institute, Aeroplane Building Department in 1982, assigned job to the 614 Institute under the Ministry of Aviation that same year. In 1986 he was in charge of the two-for-one twisting spindle research project set by the State and acted as the head of the research group, being one of the earliest personnel of our country in contact with the two-for-one twisting technology. From 1994 he left the institute and began to develop the two-for-one twisting spindles and the two-for-one twisting technology as a private developer. Presently he is engaged by Shaoxing Huayu Textile Machinery Co., Ltd. as senior engineer. Since that he has researched and developed many inventional projects of the two-for-one twisting and compact spinning and utility model patented technologies: the horizontally holed emitting pneumatic threading spun yarn two-for-one twisting spindles, the intelligence piling preventive edge-loosening device, the high speed, ultra-fine chemical fiber two-for-one twisting spindles, the greased yarn-prevention device, the capacity-expanding yarn storage jars, the 3-D compact spinning device and the floating fiber collecting device, etc.



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HY369A

横孔射流气动穿纱气动抬升短纤倍捻机

Cross Holed Emitting Pneumatic Threading & Pneumatic Lifting Spun Yarn Two-For-One Twisting Machine



操作形式 Operating Form	双面单层 Two Sides, Single Layer
每节锭数 Spindle Number of Each Section	单层20锭的倍数 (基本型为200锭) Single Layer 20-Spindle Multiplication (Basic Model is at 200 spindles)
锭子型号 Spindle Model	150
锭距 (mm) Spindle Pitch (mm)	198
锭速 (r/min) Spindle Speed (r/min)	5000-12000
捻度 (T/M) Twist (T/M)	123-2778
捻向 Twisting Direction	S或Z S or Z
卷绕方式及动程 Winding Method & Stroke	无边筒子锥形或平行卷绕, 动程152mm Flangeless Bobbin Conical Form or Parallel Winding, Stroke 152mm
卷绕角 Winding Angle	14°47' -21°07'
锭子传动 Spindle Transmission	龙带切向转动 Belt Rotation in Tangential Direction
启动方式 Starting Method	Y-Δ 慢速启动/变频启动 Star-Delta slow starting/inverter starting
张力装置 Tension Device	张力胶囊, 制动垫圈 Tension Capsule, Braking Cushion
卷绕容量 Winding Capacity	最大2.5KG Max. 2.5KG
筒子抬升 Bobbin Lifting	气动式抬升 Pneumatic Lifting
卷绕筒管 Winding Bobbin	3°30'、4°20'、5°57' 锥管、直管 Conical Bobbin, Straight Bobbin
适用范围 Applicability	棉纱: 16/2-200/2Ne, 毛纱: 16/2-120/2Nm Cotton Yarn: 16/2-200/2Ne, Wool Yarn: 16/2-120/2Nm
工作环境要求 Working Environment Condition	相对湿度 < 95%、温度 < 30℃ Relative Humidity < 95%, Temperature < 30℃
退解筒管规格 Unwinding Bobbin Specification	Φ37.2 × Φ43 × 170mm
电机功率 Motor Power	200锭22KW 200 Spindles: 22KW
外形尺寸 Overall Dimension	2421.5x620x1700mm (LxWxH) 2421.5x620x1700mm (LxWxH)
松边装置 Edge-Loosening Device	选配 Optional
上蜡装置 Waxing Device	选配 Optional
双电机传动 Bi-Motor Transmission	选配 Optional
变频调速 Inverter	选配 Optional
电子齿轮箱 Electronic Gearbox	选配 Optional
电磁离合器防叠装置 Electromagnetic Clutch Piling-Preventive Device	选配 Optional
伺服成型 Traverse by Servo Drive	选配 Optional



【适用范围】

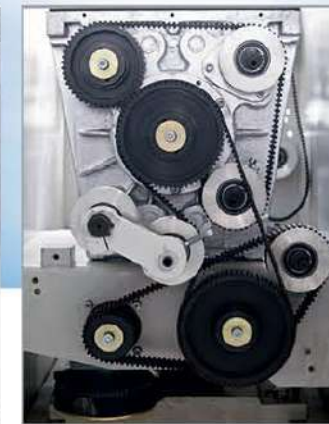
棉纱、毛纱、晴纶纱及其他混纺纱等，自动化程度高，是棉纺、毛纺高端用户首选机种。

【主要特点】

- > 气动穿纱，简便快捷，用工节省；
- > 气动抬升防止磨纱，确保质量；
- > 油浴锭托，节能省电，200锭整机配22KW电机；
- > 与双轴承锭座相比，平均单锭功率省电30W/锭；
- > 双电机拖动，龙带无松紧边，锭速统一，捻度均匀；
- > 长短纱装置修边，筒子成形美观，宜做染色纱。



伺服成型
Traverse by servo drive



齿轮箱成型
Traverse by gear box

【Applicability】

Spinning cotton yarn, wool yarn, acrylic yarn and other blended yarns, etc. with a high automatization; A machinery type of the first choice for top cotton yarn & wool yarn-spinning users.

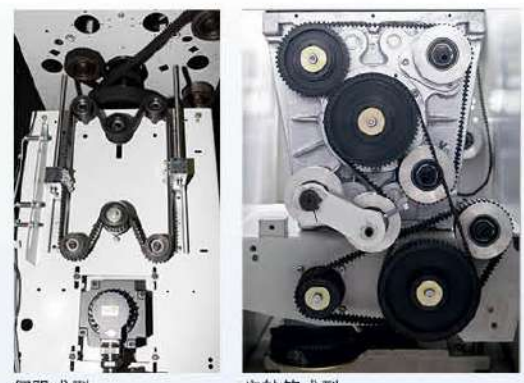
【Main Features】

- > Pneumatic threading, easily and quickly, reducing manpower;
- > Pneumatic lifting to avoid yarn friction in assurance of quality;
- > Oil bath spindle supporters help to save power energy. A 200-spindle complete machine is equipped with a 22KW motor;
- > Compared with the bi-bearing spindle seat, average single spindle power is reduced by 300W/spindle;
- > Driven by two motors, no tension difference of the correspondent two tangential belts, even spindle speed and homogeneous twists.
- > Long-short yarn device trimming, beautiful bobbin formation, applicable to making dyed yarns.

HY358

气动抬升短纤倍捻机

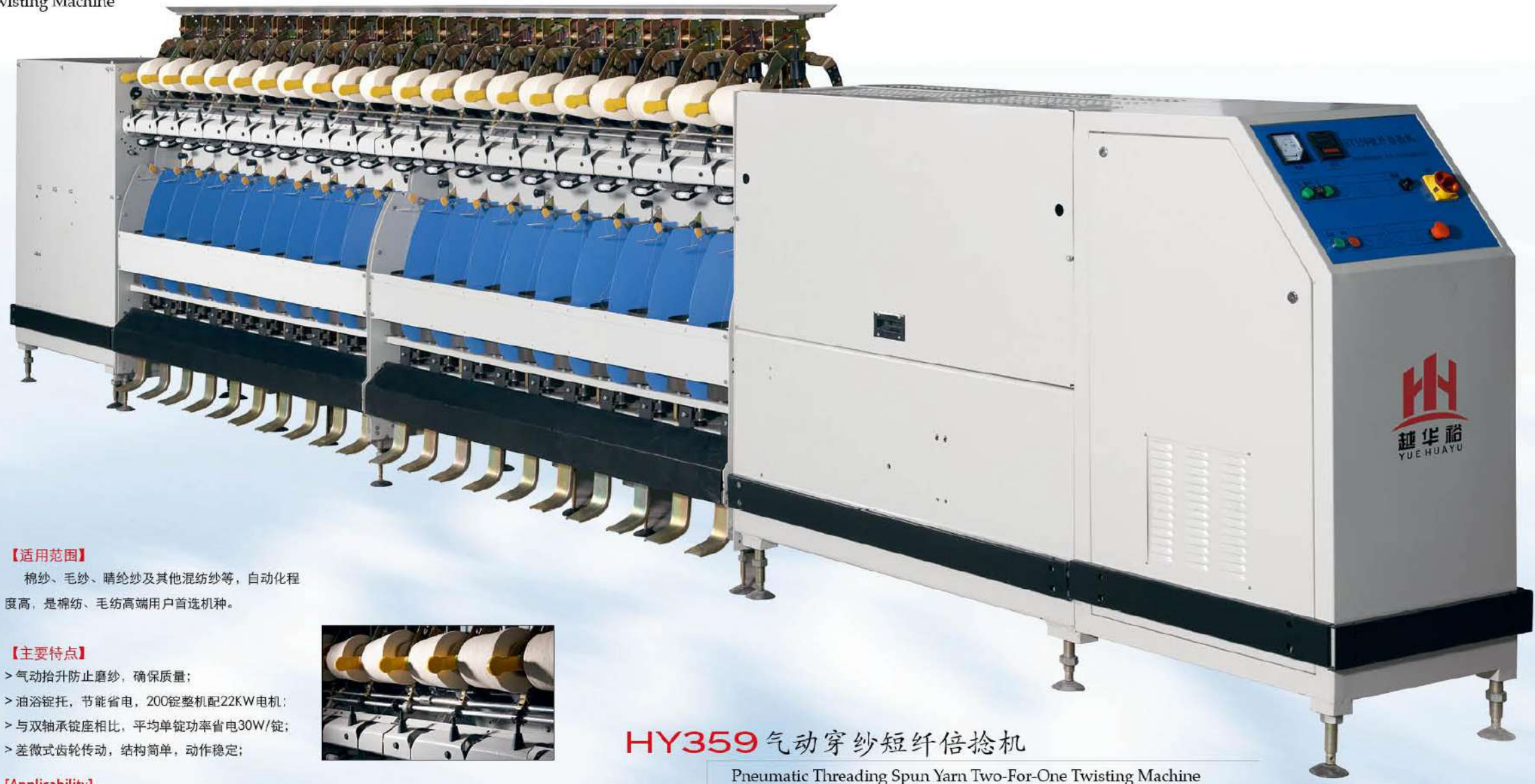
Pneumatic Lifting Spun Yarn Two-For-One Twisting Machine



伺服成型
 Traverse by servo drive

齿轮箱成型
 Traverse by gear box

	HY358	HY359
抬升方式 Lifting mode	气动抬升 pneumatic lifting	手工抬升 Hand lifting
穿纱方式 Threading method	手工穿纱 Hand threading	气动穿纱 Pneumatic threading
操作形式 Operating Form	双面单层 Two Sides, Single Layer	
每节锭数 Spindle Number of Each Section	单层16锭的倍捻(基本型为128锭)/单层20锭的倍捻(基本型为200锭) Single Layer 16 Spindle Multiplication (Basic Model is 128 spindles)/ Single Layer 20 Spindle Multiplication (Basic Model is 200 spindles)	
锭子型号 Spindle Model	150 / 170	
锭距(mm) Spindle Pitch (mm)	198 / 247.5	
锭速(r/min) Spindle Speed (r/min)	5000-12000	
捻度(T/M) Twist (T/M)	123-2778 / 98-2222	
捻向 Twisting Direction	S或Z S or Z	
卷绕方式及动程 Winding Method & Stroke	无边筒子锥形或平行卷绕, 动程152mm Flangeless Bobbin Conical Form or Parallel Winding Stroke 152mm	
卷绕角 Winding Angle	14'47" - 21'07"	
锭子传动 Spindle Transmission	龙带切向转动 Belt rotates in tangential direction	
启动方式 Starting Method	Y-Δ慢速启动/变频启动 Star-Delta slow starting/inverter starting	
张力装置 Tension Device	张力胶囊, 制动垫圈 Tension Capsule, Braking Cushion	
卷绕容量 Winding Capacity	最大2.5KG Max. 2.5KG	
卷绕筒管 Winding Bobbin	3'30', 4'20', 5'57' 锥管、直管 Conical Bobbin, Straight Bobbin	
适用范围 Applicability	棉纱: 16/2-160/2Ne、毛纱: 16/2-120/2Nm Cotton Yarn: 16/2-160/2Ne, Wool Yarn: 16/2-120/2Nm	
工作环境要求 Working Environment Condition	相对湿度<95%、温度<30℃ Relative Humidity<95%, Temperature<30℃	
退解筒管规格 Unwinding Bobbin Specification	Φ37.2×Φ43×170mm 200 spindles, 30KW/128 spindles, 15KW	
电机功率 Motor Power	200锭30KW / 128锭15KW	
外形尺寸 Overall Dimension	23209x620x1700 / 19189x620x1700mm	
成型方式 Traverse method	齿轮箱成型(选配)/伺服成型(选配) Gear box (opt.) / servo drive (opt.)	



【适用范围】

棉纱、毛纱、晴纶纱及其他混纺纱等, 自动化程度高, 是棉纺、毛纺高端用户首选机种。

【主要特点】

- > 气动抬升防止磨纱, 确保质量;
- > 油浴锭托, 节能省电, 200锭整机配22KW电机;
- > 与双轴承锭座相比, 平均单锭功率省电30W/锭;
- > 差微式齿轮传动, 结构简单, 动作稳定;



【Applicability】

Cotton, wool, acrylic yarns and other blended yarns. High automatization. First choice for top cotton-wool yarn-spinning users.

【Main Features】

- > Pneumatic lifting to avoid yarn friction in quality assurance;
- > Oil-bath spindle supporter, energy-saving & power consumption reducing, 200-spindle complete machine equipped with 22KW motor;
- > Compared with double bearing spindle seats, average single spindle power consumption reduced by 30W/spindle.
- > Difference-differential gear transmission, simple structure, stable movement.

HY359 气动穿纱短纤倍捻机

Pneumatic Threading Spun Yarn Two-For-One Twisting Machine

【适用范围】

棉纱、毛纱、晴纶纱及其他混纺纱等, 自动化程度高, 是棉纺、毛纺、化纤纺用户首选机种。

【主要特点】

- > 气动穿纱, 简便快捷, 用工节省;
- > 油浴锭托, 节能省电, 128锭整机配15KW电机;
- > 与双轴承锭座相比, 平均单锭功率省电30W/锭;
- > 差微式齿轮传动, 结构简单, 动作稳定;

【Applicability】

Cotton, wool, acrylic and other blended yarns. High automatization. The first choice for top cotton, wool yarn-spinning users.

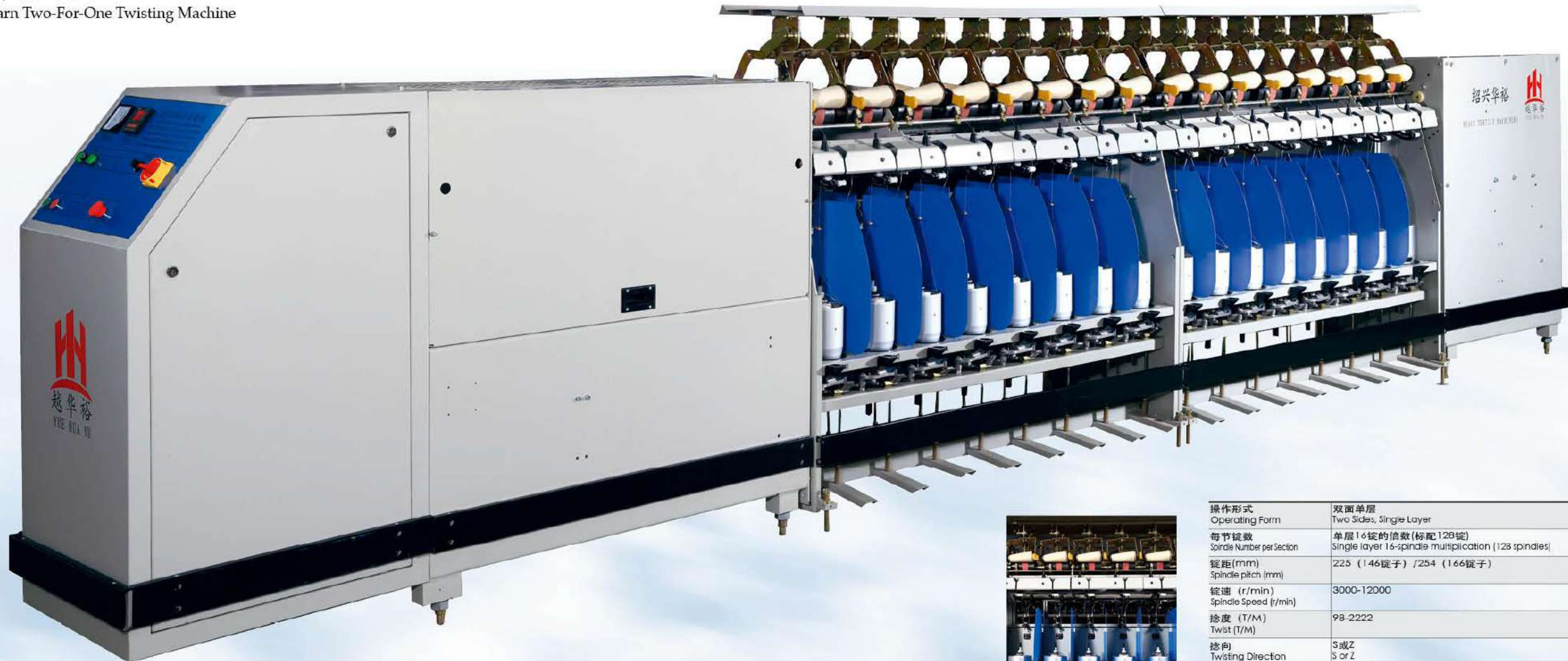
【Main Features】

- > Pneumatic threading, easily and quickly, reducing manpower;
- > Oil-bath bearing spindle supporter, reducing energy consumption, saving power, on 128-spindle complete machine equipped with a 15 kw motor;
- > Compared with double bearing spindle seats, average single power reduced by 30W/spindle;
- > Difference-differential gear transmission, simple structure, stable movement.

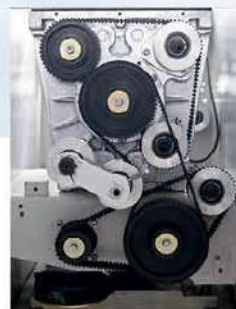
HY318

短纤倍捻机

Spun Yarn Two-For-One Twisting Machine



伺服成型
Traverse by servo drive



齿轮箱成型
Traverse by gear box

【适用范围】

棉纱、毛纱、晴纶纱、涤纶纱及其他混纺纱等。

【主要特点】

- > 新型的齿轮转动结构(选配);
- > 节能降耗, 与双轴承锭子设备相比, 128锭整机配11kW电机;
- > 机身紧凑, 减小占地面积;
- > 特别适合双涤纶和氨纶丝合股加捻;
- > 电子伺服成型, 操作方便简洁(选配)。



【Applicability】

Cotton yarn, wool yarn, acrylic yarn, polyester yarn and other blended yarns, etc.

【Main Features】

- > New-type gear transmission structure;
- > Energy saving, consumption-reducing. Compared with double bearing spindle seat, a complete 128 spindle machine equipped with a 11kw motor;
- > Compact machine body, occupies less space;
- > Especially applicable to twisting doubled polyester yarns with spandex yarns.
- > Traverse by servo drive, easy to operate (optional).

操作形式 Operating Form	双面单层 Two Sides, Single Layer
每节锭数 Spindle Number per Section	单层16锭的倍数(标配128锭) Single layer 16-spindle multiplication (128 spindles)
锭距(mm) Spindle pitch (mm)	225 (146锭子) / 254 (166锭子)
锭速 (r/min) Spindle Speed (r/min)	3000-12000
捻度 (T/M) Twist (T/M)	98-2222
捻向 Twisting Direction	S或Z S or Z
张力器 Tensioner	钢球式 Steel ball Type
供纱筒管(内径x外径x长度) Yarn-Supply Bobbin (D x OD x L)	无边筒子锥形或平行卷绕, 动程152mm Flangeless Bobbin Conical Shape or Parallel Winding, Stroke 152mm
卷绕动程 Winding Stroke	152mm(不可调节) 152mm (unregulatable)
额定功率 Rated Power	11kW
启动方式 Starting Method	Y-Δ慢速启动/变频启动 Star-Delta slow starting/inverter starting
卷绕角 Winding Angle	33°、38°、43°
卷取速度 Winding Speed	最大60米/分 Max. 60m/min.
适用支数范围 Applicable Count Range	6/2-140/2Ne纯棉纱和涤纶混纺纱 6/2-140/2Ne pure cotton yarns and polyester blended yarns
卷绕筒管尺寸 Winding Bobbin Size	锥度: 3° 30'、4° 20' 或5° 57'、长度: 最长175mm Conical Degree 3°30'、4°20' or 5°57' Length: max 175mm
外形尺寸 Overall Dimension	17774x660x1700mm/19374x660x1700mm
成型方式 Traverse method	齿轮箱成型(选配)/伺服成型(选配) Gear box (opt.) / servo drive (opt.)

HY310G

系列化纤倍捻机(有边)

High Speed Ultra Fine Chemical Fiber Two-For-One Twisting Machine Series(For Flanged Cylinder Package)



【主要特点】

HY310G高速超细化纤倍捻机是浙江省高新技术产品。它具有锭速高，加捻范围广、能耗低等优点，可加捻20旦尼尔的超细化纤丝，符合纺织行业发展的需求。

【Main Features】

HY310G high speed ultra fine chemical fiber two-for-one twisting machine is a Hi-Tech creature in Zhejiang Province. It features high spindle speed, wide twisting range and low energy consumption, etc. may twist 20D ultra fine chemical fiber yarns, meets development requirements of textile industry.



	HY310G有边(for flanged cylinder package)	HY310G-H有边(for flanged cylinder package)
锭数 Spindle Number	32锭的倍数 (最大为256锭标准) 32 Spindle Multiplication (Max.256 spindles)	
锭子型号 Spindle Model	Φ90圆锥形锭子 Φ90 Conical Spindle	
锭距 (mm) Spindle Pitch	225mm	
常用转速 (r/min) Normal Speed	8000-13000	8000-13000
捻度范围 (T/M) Twist Range	350-3898	350-3898
捻向 Twist Direction	S或Z	S或Z
退解筒子规格 Unwinding Bobbin Specification	Φ100xΦ42xL240-290	Φ100xΦ42xL240-330
卷绕容量 Winding Capacity	750g-1200g	750g-1500g
卷绕方式 Winding Method	有边筒子平行卷绕 Flanged cylinder parallel winding	有边筒子平行卷绕 Flanged cylinder parallel winding
锭子传动方式 Spindle Transmission Method	龙带切向转动 Tangential Belt transmits in cycles	
锭子固定方式 Spindle Fixing Method	磁力 Magnetic Force	
张力器 Tensioner	钢珠张力器和垫圈式张力器并用 Steel ball tensors used in combination with washers	
卷取张力 Winding-Up Tension	调整超喂率及张力器装置 Regulating overfeed ratio and Tensioner Device	
卷绕角 Winding Angle	3°42' (9.0次/单程), 2°51' (11.7次/单程), 6°42' (5.0次/单程)	3°42' (9.0次/单程), 2°51' (11.7次/单程), 6°42' (5.0次/单程)
适用范围 Applicable Range	30D-1000D化纤丝 30D-1000D chemical fiber yarns	
操作方式 Operating Form	双面双层, 标准高度 Two sides, double layers, standard height	双面双层, 高机身结构 Two sides, double layers, higher height
传动电机 Transmission Motor	2×7.5KW	
工作环境要求 Working Environment Condition	相对湿度≤85%、温度≤30℃ Relative Humidity≤85% Temperature≤30℃	
外形尺寸 Overall Dimension	16410x750x1857	16410x750x1957
启动方式 Starting Method	Y-Δ 慢速启动/变频启动 Star-Delta slow starting/inverter starting	
断线报警 Yarn Break Alarm	选配 Optional	
落针装置 Drop-wire Devices	选配 Optional	
留尾装置 Pick-tail Device	选配 Optional	

HY310C

系列化纤倍捻机(无边) High Speed Ultra Fine Chemical Fiber Two-For-One Twisting Machine Series(For Flangeless Tube Package)



【主要特点】

HY310C高速超细化纤倍捻机是一个高技术产品，它是在改进进口倍捻机的基础上，吸收国内同类产品的特长而设计生产的。它具有转速高、加捻范围广、捻度不匀率低、能耗低及易于操作等特点，矮机身的设计适合于亚洲人操作，可加捻20旦尼尔的超细化纤维，符合纺织行业发展的趋势。

【Main Features】

HY310C high speed ultra fine chemical fiber two-for-one twister is a Hi-Tech production, it was developed based on improving the imported two-for-one twister and absorbing the advantages of domestic similar products, it features higher spindle speed, wider twisting range, lower twist deviation ratio, lower energy consumption and easier operation, etc., and the lower frame design is suitable for Asian people, it may twist 20D ultra fine chemical fiber, conforms to the trend of the development of the textile industry.



伺服成型
 Traverse by servo drive



齿轮箱成型
 Traverse by gear box

	HY310C-CL无边(Gear box)	HY310C-SF无边(Servo drive)	HY310C-H-CL无边(Gear box)	HY310C-H-SF无边(Servo drive)
锭数 Spindle Number	32锭的倍数 (最大为256锭标准) 32-Spindle Multiplication (Max.256 spindles)			
锭子型号 Spindle Model	Φ90圆锥形锭子 Φ90 Conical Spindle			
锭距 (mm) Spindle Pitch	225mm			
常用转速 (r/min) Normal Speed	8000-13000	2000-13000	8000-13000	2000-13000
捻度范围 (T/M) Twist Range	116-5415	0-2600	116-5415	0-2600
捻向 Twist Direction	S或Z	S或Z	S或Z	S或Z
退解筒子规格 Unwinding Bobbin Specification	Φ100xΦ42xL240-290	Φ100xΦ42xL240-290	Φ100xΦ42xL240-330	Φ100xΦ42xL240-330
卷绕容量 Winding Capacity	750g-1200g	750g-1200g	750g-1500g	750g-1500g
卷绕方式 Winding Method	无边筒子收边卷绕 Conical shape by Gear Box	伺服收边卷绕 Conical shape by Servo Drive	无边筒子收边卷绕 Conical shape by Gear Box	伺服收边卷绕 Conical shape by Servo Drive
锭子传动方式 Spindle Transmission Method	龙带切向转动 Tangential Belt transmits in cycles			
锭子固定方式 Spindle Fixing Method	磁力 Magnetic Force			
张力器 Tensioner	钢珠张力器和垫圈式张力器并用 Steel balls tensors used in combination with washers			
卷绕张力 Winding-Up Tension	调整超喂率及张力器装置 Regulating overfeed ratio and Tensioner Device			
卷绕角 Winding Angle	10°51'、12°35'、 15°58'、19°71'、 23°19'	根据工艺要求无级设置 Changed by touch panel at will	10°51'、12°35'、 15°58'、19°71'、 23°19'	根据工艺要求无级设置 Changed by touch panel at will
适用范围 Applicable Range	30D-1000D化纤丝 30D-1000D chemical fiber yarns			
操作方式 Operating Form	双面双层，标准高度 Two sides, double layers, standard height	双面双层，标准高度 Two sides, double layers, standard height	双面双层，高机身结构 Two sides, double layers, higher height	双面双层，高机身结构 Two sides, double layers, higher height
传动电机 Transmission Motor	2×7.5KW	2×5.5KW	2×7.5KW	2×5.5KW
工作环境要求 Working Environment Condition	相对湿度85%，温度30℃ Relative Humidity≤85% Temperature≤30℃			
外形尺寸 Overall Dimension	16410x750x1857	16750x790x1857	16410x750x1957	16750x790x1957
启动方式 Starting Method	Y-Δ慢速启动/变频启动 Star-Delta slow starting/inverter starting	变频启动 Inverter starting	Y-Δ慢速启动/变频启动 Star-Delta slow starting/inverter starting	变频启动 Inverter starting
断线报警 Yarn Break Alarm	选配 Optional			
落针装置 Drop-wire Devices	选配 Optional			
留尾装置 Pick-tail Device	选配 Optional			

HY363D

短纤倍捻机

Spun Yarn Two-For-One Twisting Machine



HY363D	
操作形式 Operating Form	双面单层 Two Sides, Single Layer
锭数 Spindle Number	每节16锭基本型128锭 16 spindles per section, Basic model is 128 spindles
锭距(mm) Spindle Pitch (mm)	225
锭速(r/min) Spindle Speed (r/min)	5000-10000
捻度(T/M) Twist (T/M)	78-2692
捻向 Twisting Direction	S或Z S or Z
卷绕行程 Winding Stroke	152mm
卷绕角 Winding Angle	10°51' -23°19'
锭子传动方式 Spindle Transmission	龙带直形传动 Tangential belt straight transmission
启动方式 Starting Method	Y-Δ慢速启动/变频启动 Star-Delta slow starting/inverter starting
张力器 Tensioner	钢球式 Steel ball type
工作环境要求 Working Environment Condition	相对湿度≤90%、温度≤30℃ Relative Humidity≤90% Temperature≤30℃
电机功率 Motor Power	11KW
外形尺寸 Overall Dimension	17340x750x1650mm (长x宽x高) 17340x750x1650mm (L x W x H)

【适用范围】

棉纱、毛纱、晴纶纱、涤纶纱及其他混纺纱等。

【主要特点】

本机是我们公司结合HY363短纤倍捻机，吸取日本村田短纤之精华研制的新一代短纤倍捻机。它具备功耗低，操作方便，可靠性高等特点且经济实惠。

【Applicability】

Cotton yarn, wool yarn, acrylic yarn, polyester yarn and other blended yarns, etc.

【Main Feature】

This machine was created by us by integrating with HY363 spun yarn two-for-one twisting machine, and absorbing the experience of Japanese Murata spun yarn two-for-one twister. It boasts low power consumption, handy operation, high reliability and practical but not expensive.



HY388

假捻机

False Twisting Machine For Crepe Yarn



【适用范围】

本设备适用于涤纶长丝进行倍捻、定型（预缩）、假捻的一步法加工，生产的捻丝用作涤纶仿真丝织物的原料。

【主要特点】

- > 该设备可根据粗细不同的原料，生产风格各异的捻丝，为面料生产企业开发产品提供了一个新的平台与条件；
- > 该设备具有性价比高，操作、维护和管理方便的特点；
- > 该设备为原料深加工单位和纺织厂设备配套完善之首选机型。

【Applicability】

This machine is applicable to two-for-one twisting, patterning (preshrinking) and false twisting of the polyester filament yarn. The crepe yarn so produced is used as yarn for the polyester emulsion silk fabrics.

【Main Features】

- > This machine allows to produce crepes yarns of different styles according to the raw materials of different fineness, providing the fabric producers with a new platform and condition in the products development.
- > This machine features a high performance-price ratio, easiness of operation, maintenance and management.
- > This machine is really the first choice in supporting the raw material deepened processing enterprises and textile factories to update their equipments.

操作方式 Operating Form	双面单层 Two Sides & Single Layer
锭数 Spindle Number	单层16锭的倍数（标配192锭12节） Single Layer 16 Spindle Multiplication (192 Spindles, 12 sections)
锭子 Spindle	锭带轮直径Φ28 Spindle Wharve DiameterΦ28
锭距 Spindle pitch	225mm
锭速 Spindle Speed	9000-13000
假捻范围 False Twist Range	卷绕和锭子电机分离，假捻度理论上任意设 Winding motor is separate from that of the spindles. The number of false twist is theoretically settable at will.
捻向 Twisting Direction	S或Z S or Z
退解筒子规格 Unwinding Bobbin Specification	Φ42×L320
卷取管子规格 Winding Tube Specification	Φ76×L175
卷绕角 Winding Angle	20°~40°任意可调 20°~40° adjustable at will
张力装置 Tensile Device	多段式张力球和张力圈并用 Multi-section tensile balls and tensile rings are in joint use.
适用范围 Applicability Scope	30D~400D的涤纶化纤长丝 30D~400D polyester chemical filament yarn
动力装机功率 Installed Power	18.85KW
热箱功率 Thermal Oven Power	14.4KW
工作温度 Working Temperature	140℃~250℃
热箱过丝长度 Thermal Oven Yarn Passage Length	460mm
假捻器转子最高速度 False Twist Rotor Max Speed	22000RPM
工作环境要求 Required Working Environment	相对湿度<85%；温度<30℃ Relative Humidity <85%；Temperature <30℃
外形尺寸 Overall Dimension	24250×835×1820（长×宽×高） 24250×835×1820（L×W×H）

HY368A

高速并纱机

High-Speed Doubling Machine



【适用范围】

主要适用于棉、毛、涤、化纤及混纺的合股加工，也可适用于氨纶并纱，把不同规格的原料筒子并成倍捻机上加工的平行筒子。

【主要特点】

对各种短纤、长纤维的单纱并合，集速性能良好，张力均匀，后道工序退解稳定；槽筒成形，稳定可靠，适用于多品种；电子断头检测与电子定长装置为一体，既杜绝了单纱及双股加丝的混入，又可得到长度统一的纱线筒子，使产品质量更高；过丝采用直线纱道，避免了在并纱过程中张力变化；合理、清晰的导丝结构，极高的车速，最低的能耗与噪音，使操作更具优越性。

【Applicability】

Mainly applicable to joining cotton, wool, polyester, chemical fiber and blended yarns, also applicable to doubling spandex yarns, doubling raw material bobbins of different specifications into parallel bobbins for processing on twisting machine.

【Main Features】

To double diverse spun yarn, long fiber single filament yarns. Good speed bundling performance. Homogeneous tension; Stable later unwinding job; Stable and reliable grooved drum formation, applicable to many varieties; Electronic end breakage detector integrated with electronic length-measuring device not only to stop entrance of single filament yarns and double added filament yarns, but also to gain bobbins in uniformed length so that quality of products could become still higher; Straight yarn tracks are applied for yarn passage, which has avoided tension change in the process of doubling; Logic & clear yarn guide structure makes operation more advantageous even in case of many machine units and very high machinery speed along with lowest energy consumption and noise.

操作形式 Operating Form	单面单层 One Side Single Layer
锭数 Spindle Number	40基本型 (每节4锭) 40 Basic Model (4 spindles/section)
锭距 Spindle Pitch	340mm
最大卷绕速度 Max. Winding Speed	650m/min
最大卷绕尺寸 Max. Winding Size	Φ190mm
卷取往复行程 Traverse Stroke	152mm
卷绕筒管规格 Winding Bobbin Specification	Φ43.5×Φ37.5×Φ170mm
槽筒规格 Grooved Drum Specification	Φ82×178 (等距金属槽筒) Equidistant Metallic Grooved Drum
电机功率 Motor Power	40×180W
并合根数 Plies for Doubling	2-3根 2-3 plies
防叠方式 Anti-hilbboning Method	变频及可控制硅叠 Inverter and SCR for anti-hilbboning
外形尺寸 Overall Dimension	15620×850×1350mm (长×宽×高)

HY368B

通轴高速并纱机

General Shaft High Speed Doubling Machine



【适用范围】

主要适用于棉、毛、涤、化纤及混纺的合股加工，把不同规格的原料筒子并成供倍捻机加工的退解平行筒子。

【主要特点】

采用了单面电机驱动和变频调速，使卷绕线速的调节更简便，工艺调节更灵活；电子断头检测装置的应用，可避免缺股纱的产生；警示复位按钮的应用，使得纱线断锭容易发现；采用分段组装式结构，可缩短现场安装时间。操作面板：方便地设定线速度，设定并监视运行线长。气动抬升装置：气动铲的设计使得纱断时可立刻铲起筒子，接头十分方便。张力装置：通过加减张力片可轻松实现张力的调节。

【Applicability】

Mainly applicable to processing cotton, wool, polyester, chemical fiber and blended yarns, joining bobbins of different specifications and different raw materials into parallel bobbins which are to be processed on short fiber twisting machine.

【Main Features】

Applies one-side motor driving and inverter speed regulating system, making it still easier to regulate winding speed and more flexible to regulate technical parameters; Application of electronic end breakage detector allows to avoid any plied yarn absence; Application of warning-reset pushbutton makes it easier to discover yarn breakage bobbin position; Application of section-based assembly structure has shortened on-the spot installation time consumption. Operating panel: simply and handily operatable, allowing to set linear speed, set and monitor the length of running line easily. Pneumatic lifting device: design of pneumatic shovel allows to shovel bobbins up immediately at yarn breakage and join ends very handily. Tension device: Through adding/reducing tensile blades it is very easily to effect tension adjustment.



操作形式 Operating Form	双面单层 Two Sides, Single Layer
锭数 Spindle Number	10锭的倍数，基本型为100锭 10-Spindle Multiplication Basic Model 100 spindles
锭距(mm) Spindle Pitch (mm)	260mm
防叠方式 Anti-ribbing Method	电子防叠 Electronic anti-ribbing
驱动方式 Driving Method	电机单面驱动 One-side, One-motor
卷绕成形方式 Winding Formation Method	槽筒成形 Grooved drum Formation
并合纱线根数 Doubling Yarn Number	2-3根 2-3 plies
最大卷绕尺寸 Max. Winding Size	Φ200 × 150
张力控制 Tension Control	自重压盘式 Self Weight Press Disc Type
断头自停 Self Stop at End Breakage	电子检测，气动抬升 Electronic Detection, Pneumatic Lifting
电机功率 Motor Power	3KW × 2台 3KW × 2 Units
可选装置 Optional Devices	单锭定长装置、切丝器 Single Spindle Length Measuring Device, Yarn-Cutter
外形尺寸 Overall Dimension	13788 × 1580 × 1515mm (长 × 宽 × 高) 13788 × 1580 × 1515 (L × W × H)

HY368D

箱式氨纶并纱机

Box-Type Spandex Doubling Machine

【适用范围】

本机是将两股纱线或三股纱线合并成一股，并卷绕成圆形平行筒子的短纤维捻机准备机，适用于棉、毛涤、化纤及混纺等纱线的合股加工。特别适用于低弹丝与氨纶丝合股并纱，并且氨纶丝有多档牵伸比可供选用。

【主要特点】

单锭电机驱动，线速调节灵活，方便；变频调速及断头检测装置能避免缺股纱线的产生；电子定长装置，设定线速度及监视运行线的长度，方便可靠；采用中央电脑程序设置，数据记忆准确；分段组架式结构，使现场安装时间缩短；电子防叠装置，使筒子成形美观大方；单面单层，钣金箱体组合式；氨纶丝七档牵伸比可供选用，使用范围广泛。适应棉纱与氨纶混并。

【Applicability】

This machine is a preparing unit for spun yarn twisting machine. It joins 2 or 3 plied yarn filaments into one filament and winds them into circular parallel bobbins. Applicable to doubling cotton yarns, wool-polyester yarns, chemical fiber yarns and blended yarns. Especially applicable to doubling low elastic yarn with spandex yarns. Furthermore, for spandex yarn alone there are several drawing ratios for choice.

【Applicability】

Single spindle motor-driving. Flexibly linear speed regulating; Frequency conversion speed regulating and end breakage detector help to avoid any plied yarn absence; Electronic length determining device is to set yarn speed and monitor length of running yarns with handiness and reliability; Application of central computer program setting gives a precise data memory; Section-based assembly structure shortens on-the-spot installation time; Electronic piling-preventive device brings beautiful & tasteful formation of spindles; Single side & single layer metallic sheet combination type; Available 7-position drawing ratios for choice for spandex yarns. Wide applicability. Adaptable to mixed doubling of cotton yarn and spandex yarn.



锭数 Spindle Number	5锭/节 基本型40锭/8节 5 spindle/section Basic model is at 40 spindles/ 8 sections
锭距 Spindle Pitch	350mm
合并根数 Yarn Number for Doubling	2-3根 2-3 plies
卷绕线速度 Winding Speed	150-650m/min
满筒控制方式 Full Bobbin Control Method	定长满筒自停 Stop at the setting length reached
断纱控制方式 Yarn Breakage Control Method	电子传感，电磁切纱，单电机自停 Electronic sensing, electromagnetic yarn cutting, single motor self-stop
防叠方式 Anti-Hilboning Method	变频防叠与可控硅防叠 Inverter and SCR anti-hilboning
传动方式 Transmission Method	单锭单电机传动(250W) Single spindle motor-driving(250W)
卷装尺寸 Winding Dimension	(Φ130-Φ220) × L152mm
卷取形式 Winding-Up Form	圆柱形无边平筒 Cylindrical flangeless bobbin
外形尺寸 Overall Dimension	14434 × 995 × 1600mm (长×宽×高) 14434 × 995 × 1600mm (L × W × H)



HY303

电脑络丝机

Computer-Based Pim Winder



【主要特点】

本机用于将原不同形状丝坯络成具有一定规格的双锥形筒丝，供各种国产及进口倍捻机捻丝用，是倍捻机必备的前道配套设备。

[Main Features]

This machine is useful to reel raw yarns in different shapes into bi-conical bobbin yarn with definite specifications for twisting on diverse home-made and abroad-introduced two-for-one twisting machines. It is indispensable pre-job supporting equipment for two-for-one twisting machines.

锭数 Spindle Number	50锭-100锭 50 spindles-100 spindles
锭距 Spindle Pitch	230mm
最大络绕线速 Max. Winding Speed	600m/min
最高锭速 Max. Spindle Speed	3800r/min
卷取筒管尺寸 Winding-Up Bobbin Size	Φ42×240-320
最大卷取直径 Max.Winding-Up Diameter	110mm
最大卷取重量 Max Winding-Up Weight	1.2KG
电机功率 Motor Power	主电机5.5KW, 横动电机0.55KW Master Motor 5.5KW, Traversing Motor 0.55KW
外形尺寸 (100锭) Overall Dimension (100 spindles)	14550×1260×1850mm (长×宽×高) 14550 x 1260 x 1850mm (L x W x H)

HY308

高速倒筒机

High Speed Jumbo Winder



本机是化纤倍捻机的后道设备，把倍捻机上的卷取筒子倒成大卷装，与无梭织机配套以减少停机时间，提高功效。

【主要特点】

单锭控制，脚踏式卸筒子，操作方便、快捷；移丝速度和卷绕速度集中控制；卷装容量大，减少换筒次数，提高生产率。

This machine is an equipment of posterior job for chemical fiber two-for-one twisting machine: It re-draws winding-up bobbins on two-for-one twisting machine into big winding rolls and in association with shuttleless weaving loom to reduce time of machinery stop and elevate working efficiency.

【Main Features】

Single spindle control, bobbin-unloading by foot pedal, easily and quickly operatable; concentrated control on yarn-removal and winding speeds; Large winding capacity. Reduced bobbin change manoeuvres. Elevated productivity.

锭数 Spindle Number	4锭/节×9(节)=36锭 4 spindles x 9 (sections) = 36 spindles
卷绕速度 Winding Speed	460m/min-700m/min
最大载丝重量 Max. Yarn Load Weight	5KG
倒丝最大直径 Max Yarn-Rewinding Diameter	Φ300mm
电机功率 Motor Power	180W x 36+60W
外形尺寸 Overall Dimension	11600×900×1850mm (长×宽×高) 11600×900×1850mm (L×W×H)
筒管尺寸 Bobbin Size	Φ300mm x 330mm
卷绕形式 Winding Form	平行卷绕 Parallel Winding



310配件系列

Accessory Series



黑张力管
Black tensor



锭脚管
Bolster



锭子
Spindle



摩擦棍
Drum



罗拉
Roller



白张力管
White tensor



起停开关
Start/Stop button



减速机
Gear reducer



外磁盘
Magnet disk



电流表
Ampere meter



电机皮带盘
Motor pulley



张紧轮
Tension pulley



锭子
Spindles



张力器组合件
Tensioner assembly



张力胶囊
Tension capsules



静止盘
Stationary disc



分气阀
Air distributor



气囊
Air chamber



锭阀
spindle valve



减速机
Worm gear reducers



电磁离合器
Magnetic clutch



单向离合器
One-way clutch



摩擦辊
Friction drum



轴承壳 (一)
Bearing housing (I)



罗拉
Overfeed roller



夹盘
Clamper

苏拉配件系列

Accessory Series

华裕纺机本着以技术求发展、以质量求生存、以服务拓市场的经营理念，真诚、快捷地服务于客户，最终实现客户、企业的双赢目标。公司现已与江苏无锡国棉一厂、山东德州棉纺集团、江苏恒力集团、浙江天圣控股集团等国内纺织行业知名企业建立了长期合作关系，营销网络遍及全国各地。

Huayu Textile Machinery upholds a business concept of technology for development, quality for living, service for market expansion, sincerely and quickly serves customers in achieving a win-win objective finally both for customers and our enterprise. Our company has established a long term cooperation relation with prestigious textile enterprises, such as Wuxi No.1 State Cotton Yarn Spinning Mill of Jiangsu Province, Dezhou Cotton Yarn-Spinning Mill of Shandong Province, Jiangsu Hengli Group, Zhejiang Tiansheng Holding Group, etc. while our marketing network covers every part throughout the country.



HUAYU

营销网络 服务无限
Marketing Network, Unlimited Service