



合肥通鼎光电科技有限公司

Hefei Tongding Optical-electronics Technology Co., Ltd

公司介绍

THE BRIEF INTRODUCTION

合肥通鼎成立于2007年，主要业务是生产制造整套光缆生产线。位于安徽省省会合肥市，交通便利。工厂占地近25000m²，厂房超过8000m²。

公司从成立之初，全面涉足光缆设备制造业，融合国内科技资源和自身的创新能力，并不断取得长足的进步，已成为国内外光缆设备的主要供应商。十余年来，合肥通鼎专注于光缆设备的研究与创新，已累计开发出种类齐全的光缆设备，并具有系列产品。

凭借多年服务于线缆行业积累的丰富经验，合肥通鼎致力于满足客户的个性化需求，向国内的众多光缆公司以及美国、西班牙、瑞典、捷克、韩国、马来西亚、越南、印度、俄罗斯、摩洛哥等多个国家和地区的客户，提供高品质的产品、强有力的技术支持和完善的售后服务。已日益成为国内外客户值得信赖的合作伙伴。

公司宗旨是：以质量为先导，不断开拓、用心服务，以满足客户最新需求。

Hefei Tongding was established in 2007, the main production is optical cable production lines. It is located in Hefei, the capital city of Anhui Province, and the transportation is convenient. The factory covers an area of nearly 25000m² and the workshop is over 8000 m².

Since its establishment, the company has been fully involved in the optical cable equipment manufacturing, integrating domestic scientific and technological resources with its own innovation ability, and has made great constant progress, and has become the main supplier of optical cable equipment at home and abroad. For more than ten years, Hefei Tongding focuses on the research and development of optical cable machines, has developed a complete variety of optical cable equipment, and has a series of products.

With many years of rich service experience accumulated in the cable industry, Hefei Tongding is committed to meet the personalized requirements of customers, and has provide high-quality products, strong technical support and perfect after-sales service to many domestic cable companies and customers from the United States, Spain, Sweden, Czech, South Korea, Malaysia, Vietnam, India, Russia, Morocco and other countries or regions. Tongding has increasingly become a reliable partner for domestic and foreign customers.

Company tenet is: quality as the guide, continuous development, service with heart to meet the customers the latest needs of.

生产一流的产品 服务一流的客户 创造一流的服务

产品分类

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TD05光纤着色复绕机

TD05 Optical Fiber Coloring and Rewinding Machine



生产线用途

光纤着色复绕机主要用于对光纤表面进行着色，便于束管中多根光纤的识别，该机还可用于对光纤的复绕。设备采用国际先进的PLC和工业级人机界面控制。

The machine is mainly used to color the surface of optical fibers and makes it easy to identify the multi-fibers in the loose tube. It is also used to rewind fibers. The line is adopted control system of international advanced PLC and industrial man-machine interface.

主要技术指标

结构速度	1800m/min
着色速度	≤16000m/min
光纤张力	0.3-1.5N ± 0.05N
排线节距	0.1-1.0mm ± 0.01mm
线盘规格	国际标准的25km和50km光纤盘
附加损耗	≤0.02dB/km

Main technical data

Structure speed	1800m/min(Nitrogen gas)
Coloring speed	≤16000m/min
Optical fiber tension	0.3N-1.5N ± 0.05N
Traversing pitch	0.1-1.0mm ± 0.01mm
Optical fiber reel size	25km/50km (international standard reel)
Extra-attenuation after coloring	≤0.02dB/km

TD08光纤着色复绕机

TD08 Optical Fiber Coloring and Rewinding Machine



生产线用途

光纤着色复绕机主要用于对光纤表面进行着色，便于束管中多根光纤的识别，该机还可用于对光纤的复绕。设备采用国际先进的PLC和工业级人机界面控制。

The machine is mainly used to color the surface of optical fibers and makes it easy to identify the multi-fibers in the loose tube. It is also used to rewind fibers. The line is adopted control system of international advanced PLC and industrial man-machine interface.

主要技术指标

结构速度	3500m/min
着色速度	3000m/min
光纤张力	$0.3-1.5N \pm 0.05N$
排线节距	$0.1-1.0mm \pm 0.01mm$
线盘规格	国际标准的25km、50km和100光纤盘
附加损耗	$\leq 0.02dB/km$

Main technical data

Structure speed	3500m/min (Nitrogen gas)
Coloring speed	3000m/min
Optical fiber tension	$0.3-1.5N \pm 0.05N$
Traversing pitch	$0.1-1.0mm \pm 0.01mm$
Optical fiber reel size	25km, 50km and 100km(international standard reel)
Extra-attenuation after coloring	$\leq 0.02dB/km$

TD08光纤二次套塑生产线

TD08 Optical Fiber Secondary Coating Line



生产线用途

该生产线用以挤制1-12/24芯充油或干式套管，挤出外径1.0-4.0mm，挤出材料适合PC、PP、PBT等等

This production line is used to extrude 1-12/24 core loose tube with gel or dry loose tube, and with the outer diameter of 1.0-4.0mm. The suitable extrusion materials are PC, PP, PBT, etc.

主要技术指标

光纤芯数	12芯/ 24芯
光纤放线张力	0.4-1.5N ± 0.05N
光纤放线盘规格	25km,50km,100km
结构速度	1000m/min
生产速度	20-800m/min(Φ1.8mm) 350m/min (Φ2.4mm)
余长控制	0-3‰
收线盘规格	630 ~ 800mm, 800 ~ 1000mm
附加衰减	≤0.02dB/km
束管外径	1.0 ~ 4.0mm

Main technical data

Optical fiber quantity	12/24 core
Pay-off tension	0.4-1.5N ± 0.05N
Optical fiber pay-off reel size	25km, 50km and 100km
Structure speed	1000m/min
Production speed	20-800m/min(Φ1.8mm) 350m/min (Φ2.4mm)
E.F.L range	0-3‰
Take up reel size	630 ~ 800mm, 800 ~ 1000mm
Extra-attenuation	≤0.02dB/km
Diameter of the loose tube	1.0 ~ 4.0mm

TD-12/800/1250 SZ光缆成缆机

TD-12/800/1250 SZ Stranding Line



生产线用途

该生产线是用于生产SZ绞合光缆，可制造光纤束管外径在 $\Phi 1.2 \sim \Phi 4.0\text{mm}$ 及 $\Phi 4.0 \sim \Phi 7.0\text{mm}$ 范围内的SZ层绞光缆。

The line is used for SZ stranding of loose tube with outer diameter of $\Phi 1.2 \sim \Phi 4.0\text{mm}$ and $\Phi 4.0 \sim \Phi 7.0\text{mm}$.

主要技术指标

松套管直径/数量	$\Phi 1.2 \sim \Phi 4.0\text{mm}/12$; $\Phi 4.0 \sim \Phi 7.0\text{mm}/12$
结构速度	180m/min
生产速度 (扎纱节距: 25mm, 绞合节距65mm)	100m/min (单头纱)、150m/min (双头纱)
扎纱节距	20-50mm
绞合节距	50-200mm
SZ绞合角	4~10 turn
SZ绞合转速	2500rpm
扎纱工作转速	$\geq 3600\text{rpm}$
松套管线盘规格	PN630-PN800/PN800-PN1250
计米误差	2‰

Main technical data

Loose tube dia./quantity	$\Phi 1.2 \sim \Phi 4.0\text{mm}/12$; $\Phi 4.0 \sim \Phi 7.0\text{mm}/12$
Structure speed	180m/min
Production speed (when banding pitch 25mm, stranding pitch 65mm)	100m/min (single-end yarn), 150m/min(double-end yarn)
Binding pitch	20-50mm
Stranding pitch	50-200mm
SZ stranding angle	4~10 turn
SZ stranding head speed	2500rpm
yarn binder work speed	$\geq 3600\text{rpm}$
Loose tube pay-off reel size	PN630-PN800/PN800-PN1250
Accuracy of the counter	2‰

TD65/90/120光缆护套生产线

TD65/90/120 Sheathing Line



生产线用途

该生产线主要用于光缆内护套、外护套的挤出。挤出材料适用：LDPE、MDPE、HDPE 及 LSZH

This production line is mainly used for extruding the inner and outer sheaths of optical cables. Applicable extrusion materials: LDPE, MDPE, HDPE, and LSZH

主要技术指标

挤出外径	5-40mm
结构速度	200m/min
生产速度	150m/min(Φ 10mm, 挤出机 Φ 120)
生产线长度	约60 m
螺杆形式	BM型
挤出机	Φ 65, Φ 90, Φ 120
放线盘规格	PN800-PN2000
收线盘规格	PN800-PN2000

Main technical data

Extruding outer dia.	5-40mm
Structure speed	200 m/min
Production speed	150m/min(Φ 10mm, Φ 120 extruder)
Length of the production line	About 60 m
Screw Type	BM
Extruder	Φ 65, Φ 90, Φ 120
Pay-off reel size	PN800-PN2000
Take-up reel size	PN800-PN2000

钢丝铠装成缆机

Cage Type Steel Wire Armored Stranding Machine



生产线用途

该生产线用于光缆钢丝或FRP铠装的生产。该机可用于100%齿轮退扭方式，在生产扁带不退扭，适用于48根以下光缆钢丝、FRP铠装。

The production line is used for the armoring of steel wire or FRP for the optical cable. It can be used for 100 % gear untwisting, or flat tape without untwisting. It is suitable for the armoring of the optical cable with 48 or below that steel wire, FRP.

主要技术指标

最大钢丝放线数量	48盘 (24+24)
钢丝盘尺寸	400mm及500mm
钢丝直径范围	0.4-2.0mm
扁平FRP带尺寸	1.0×3.0
绞笼转速	80rpm
绞笼生产转速	>50rpm
绞合节距	60-600mm
绞笼与绞笼同步方式	分电机方式
张力方式	磁滞制动器

Main technical data

Max. steel wire pay-off quantity	48 reel (24+24)
Steel wire reel size	400mm or 500mm
Steel wire diameter range	0.4-2.0mm
Flat FRP tape size	1.0×3.0
Cage running speed	80rpm
Cage production running speed	>50rpm
Stranding pitch	60-600mm
Synchronization mode between cage and cage	by individual motor
Tension type	by hysteresis brake

光纤并带生产线

Optical Fiber Ribbon Production Line



生产线用途

该设备主要用于光纤带并带，可生产4芯、6芯、8芯、12芯及24芯等规格的光电带。

The machine is mainly used to produce optical fiber ribbons for 4 cores, 6cores, 8cores, 12cores and 24cores fibers.

主要技术指标

结构速度	800m/min
生产速度	50-600m/min
光纤放线张力	0.4-1N ± 0.05N
收线张力	2-6N ± 0.05N
光纤盘规格	Φ236mm-Φ305mm
收带盘	Φ410 × 390 × Φ310, 轴孔 Φ50.8
生产线长度	大约7m

Main technical data

Structure speed	800m/min
Producing speed	50-600m/min
Optical fiber pay-off tension	0.4-1N ± 0.05N
Take-up tension	2-6N ± 0.05N
Optical fiber reel size	Φ236mm-Φ305mm
Ribbon take-up reel size	φ 410 × 390 × φ 310 , arbor hole φ 50.8mm
Length of the production line	About 7m

光纤带二次套塑生产线 Optical Fiber Ribbon Loose Tube Production Line



生产线用途

该生产线主要用于光纤带松套管的挤出。可以生产的松套管类型有：12带×12纤以及24带×12纤等。

This production line is mainly used for extrusion of ribbon loose tubes. The ribbon loose tubes types are : 12 ribbons × 12 fibers and 24 ribbons × 12 fibers, etc.

主要技术指标

最大盘数	24盘
挤出机	Φ65
绞体最大转速	0-120rpm
光纤带绞合节距	500-3000mm
光纤带放带张力	2N-10N ± 0.05N
余长控制范围	0.5%-2% (Φ7mm-Φ10.4mm)
收线盘尺寸	PN1600mm

Main technical data

Max quantity of the ribbon reel	24
Extruder	Φ65
Max rotation speed of cage	0-120rpm
Stranding pitch of fiber ribbon	500-3000mm
Fiber ribbon pay-off tension	2N-10N ± 0.05N
Range of E.F.L	0.5%-2% (Φ7mm-Φ10.4mm)
Take-up reel size	PN1600mm

TD65 填充绳挤出生产线

TD65 Filling Rope extrusion Line



生产线用途

该生产线是用于挤制填充绳，外径为 $\Phi 1.5 \sim \Phi 4.0\text{mm}$ 。挤出外径圆整、光滑。

The line is used to extrude filling ropes. Its outer diameter is $\Phi 1.5 - \Phi 4.0\text{mm}$
The outer surface of it is round and smooth.

主要技术指标

填充绳直径	$\Phi 1.5 - \Phi 4.0\text{mm}$
收线盘规格	$\Phi 800\text{mm}, \Phi 1000\text{mm}$
挤出材料	PE
结构速度	800m/min
生产速度	500m/min
计米精度	2‰

Main technical data

Filling rope dia	$\Phi 1.5 - \Phi 4.0 \text{ mm}$
Take-up reel	$\Phi 800\text{mm}, \Phi 1000\text{mm}$
Extruding material	PE
Structure speed	800m/min
Production speed	500m/min
Accuracy of the counter	2‰

TD30 紧包光纤生产线

TD30 Tight Buffer Fiber extrusion Line



生产线用途

该生产线主要用于紧包、半紧包光纤的生产。适用材料：PVC,LSZH, Nylon及Hytrel.

This production line is mainly used for the production of tight buffer fiber and semi tight buffer fiber. And the applicable materials are PVC, LSZH, Nylon, and Hytrel.

主要技术指标

结构速度	600m/min
生产速度	400m/min (Φ 0.9mm,PVC)
光纤直径	Φ 0.25- Φ 0.40mm
紧包光纤直径	0.6mm及0.9mm
光纤放线盘数	2盘
放线盘规格	Φ 236 $\times$ 108mm; Φ 266 $\times$ 176mm
收线盘尺寸	Φ 400

Main technical data

Structure speed	600m/min
Production speed	400m/min (Φ 0.9mm,PVC)
Dia. of optical fiber	Φ 0.25- Φ 0.40mm
Tight buffer fiber dia.	0.6mm and 0.9mm
Number of optical fiber pay-off reel	2
Pay-off reel size	Φ 236 $\times$ 108mm Φ 266 $\times$ 176mm
Take-up reel size	Φ 400

高温光缆挤出生产线

High Temperature Optical Cable Extruding Line



生产线用途

生产线可用于挤制高温紧包光纤及单芯高温光缆生产，护套材料可以是ETFE,PEEK等。挤出外形圆整、直径均匀、光滑。

The machine is used for extruding high temperature tight buffer optical fiber cable and simplex high temperature cable, the sheath material can be ETFE, PEEK, etc. The outer extrusion shape is round, the diameter is uniform and smooth.

主要技术指标

光纤外径	0.20-1.0
紧包外径	0.6mm.0.9mm, 或客户要求
护套后外径	1.8-3.0mm
挤出机	Φ30
挤出材料	ETFE,PEEK,PEP及PFA
机头	自定芯机头
设备速度	100m/min
设备生产速度	50m/min

Main technical data

Optical fiber diameter	0.20-1.0
Tight buffer fiber diameter	0.6mm.0.9mm, or customer request
Cable diameter	1.8-3.0mm
Extruder	Φ30
Extruder head	ETFE, PEEK, PEP, PFA
Extruding material	self-centering head
Line structure speed	100m/min
Line production speed	50m/min

EPFU 护套线

Sheathing Line for EPFU Cable



设备用途

该设备主要用于对EPFU 进行护套，并收到梅花落纸桶内，防止EPFU的打扭。

The device is mainly used to sheathing of the EPFU, and take up with the plum blossom paper bucket to prevent the EPFU from twisting.

主要技术指标

放线盘尺寸	$\Phi 410 \times 390 \times \Phi 50.8 \text{mm}$
放线张力	1-10N
结构速度	100
工作速度	5-80m/min
挤出机	$\Phi 30 \times 25$

Main technical data

Pay-off reel size	$\Phi 410 \times 390 \times \Phi 50.8 \text{mm}$
Pay-off tension	1-10N
Structure speed	100
Working speed	5-80m/min
Extruder	$\Phi 30 \times 25$

Cable diameter and weight

品目Item	光纤数量、缆径及缆重Value				
光纤数量Fiber quantity	2	4	6	8	12
缆径Outer diameter(mm)	1.1	1.1	1.3	1.5	1.6
缆重Weight(kg/km)	1	1	1.3	1.8	2.2

单双芯及皮线光缆生产线

Simplex and Duplex Cable and FTTH Cable Production Line



生产线用途

生产线可用于挤制单、双芯（室内8字缆）室内软光缆，蝶形光缆的生产，护套材料可以是PVC、LSZH及PE。挤出外形圆整、直径均匀、光滑。

The line is mainly used to produce simplex and duplex cable(indoor figure 8 cable), FTTH cable and so on. The extruding material: PVC, LSZH and PE. The extruded outer shape is round, diameter is even and the surface is smooth.

主要技术指标

结构速度	200m/min
生产速度	150m/min(2.0mm单芯缆),120m/min(3.0mm,双芯缆),150m/min(2×5mm,皮线缆)
光缆种类	Φ2.0mm、Φ3.0mm；2.0×3.0mm、2.0×5.0mm
光纤放线盘规格	PN236mm、PN400mm
收线盘规格	PN400~PN800mm
芳纶头数	10盘
芳纶放线张力	0.5~5N±0.05N(可调)
光纤放线张力	0.4N~0.5N±0.05N(可调)

Main technical data

Structure speed	200m/min
Production speed	150m/min (2.0mm simplex cable); 120 m/min (3.0 duplex cable); 150m/min(2×5mm, FTTH cable)
Cable size	Φ2.0mm, Φ3.0mm；2.0×3.0mm, 2.0×5.0mm
Optical fiber pay-off reel size	PN 236mm、PN400mm
Take-up reel size	PN400~PN800mm
Aramid cops	10
Aramid pay-off tension	0.5~5N±0.05N(adjustable)
Optical fiber pay-off tension	0.4N~0.5N±0.05N(adjustable)

软光缆护套生产线

Premise Cable Production Line (SZ Stranding Type)



生产线用途

该生产线可以用于12芯以下软光缆的生产。挤出材料适用于PVC和LSZH等。挤出外形圆整、直径均匀、光滑。生产线可靠性高、外型美观。

The production line can be used for the production the premise cables below 12-core. The suitable extruding material is PVC and LSZH, etc.The extrusion shape is round, diameter is uniform and surface is smooth. The production line has high reliability and beautiful appearance.

主要技术指标

紧包光纤直径	$\Phi 0.6\text{mm}-\Phi 0.9\text{mm}$
软光缆直径	$\Phi 1.8\text{mm}-\Phi 6.2\text{mm}$
生产线速度	$\leq 60\text{m/min}$ (外径: 6.2mm, PVC)
紧包光纤盘尺寸	PN400
SZ绞合角	$0-\pm 6^\circ$
绞合节距	80-400mm
纺纶头数	10-18头
挤塑机	$\Phi 65$
收线盘尺寸	PN630-PN1250

Main technical data

Diameter of tight optic fiber	$\Phi 0.6\text{mm}-\Phi 0.9\text{mm}$
Diameter of premise cable	$\Phi 1.8-\Phi 6.2\text{mm}$
Line speed	$\leq 60\text{m/min}$ (Dia.: 6.2mm, PVC)
Size of tight fiber reel	PN400
SZ stranding angle	$0-\pm 6^\circ$
Stranding pitch	80-400mm
Aramid cops	10-18
Extruder	$\Phi 65$
Take-up reel size	PN630 -PN1250

TD65绞笼式多芯室内软光缆生产线

TD65 Multi core Premise Cable Production Line(Cage Type)



生产线用途

该生产线主要用于生产多芯室内分支软光缆和束状软光缆，挤出材料为LSZH、PVC及TPU，还可用于将12芯或12芯以下单芯缆或紧包光纤绞合在一起，经多股芳纶纱包覆后挤制护套。

This line is mainly used to strand break-out cable and distribution cable, the extruding materials can be LSZH, PVC and TPU. It is also used for sheathing of stranded 12-core or below 12-core simplex cable or tight fiber after multi cops of aramid yarn binding.

主要技术指标

紧包光纤直径	0.9mm
单芯缆直径	2.0mm
放线盘数量	12/24
结构速度	100rpm
生产速度	10-80rpm
绞合节距	20-800mm
挤出机	Φ65
芳纶纱	12-24头

Main technical data

Tight buffer fiber diameter	0.9mm
Simplex cable diameter	2.0mm
Number of fiber pay-off	12/24
Structure rotation speed	100rpm
Production rotation speed	10-80rpm
Stranding pitch	20-800mm
Extruder	Φ65
Aramid yarn	12-24cops

不锈钢松套管激光焊接生产线

Stainless Steel Laser welding Loose Tube Production Line



生产线用途

该生产线主要用于生产不锈钢束管，满足生产OPGW光缆或海底光缆的要求。

The machine is mainly used for producing SSLT to meet the requests of OPGW optic cables or submarine cables.

主要技术指标

不锈钢管成型外径	$\phi 2.5 - \phi 6.0\text{mm}$
不锈钢管外径	$\phi 1.0 - \phi 5.5\text{mm}$
不锈钢管壁厚	0.15-0.3mm
最大可连续生产长度	50km
生产线速度	3-20m/min
余长范围	2‰-7‰
光纤放线芯数	1-48芯
光纤放线张力	0.2N-1.4N $\pm$ 0.05N

Main technical data

Outer forming dia. of stainless steel tube	$\Phi 2.5 - \Phi 6.0\text{mm}$
Outer dia. of stainless steel tube	$\Phi 1.0 - \Phi 5.5\text{mm}$
Stainless steel tube wall thickness	0.15-0.3mm
Max continuous production length	50km
Production speed	3-20m/min
E.F.L range	2‰-7‰
Optical fiber pay-off number	1-48
Optical fiber pay-off tension	0.2N-1.4N $\pm$ 0.05N

软光缆复绕机

Indoor Cable Rewinding Equipment



生产线用途

该设备主要用于复绕紧包光纤及单双芯软光缆。特点：速度高，排线整齐。

The machine is mainly used to rewind tight buffer fiber, simplex and duplex cable. Its main characteristics is high speed and good traversing.

主要技术指标

光缆直径	$\phi 0.9\text{mm}$ 、 $\phi 2.0\text{mm}$
结构速度	500m/min
放线张力	$0.4-5\text{N} \pm 0.05\text{N}$
收线张力	$0.4-5\text{N} \pm 0.05\text{N}$
放线盘尺寸	PN400
收线盘尺寸	PN400

Main technical data

Cable dia.	$\phi 0.9\text{mm}$ 、 $\phi 2.0\text{mm}$
Structure speed	500m/min
Pay-off tension	$0.4-5\text{N} \pm 0.05\text{N}$
Take-up tension	$0.4-5\text{N} \pm 0.05\text{N}$
Pay-off reel size	PN400
Take-up reel size	PN400

TD02 芳纶绞合装置

TD02 Aramid Yarn Stranding Device



生产线用途

该设备主要用于非金属室外光缆的铠装，也可以用于室内光缆的芳纶铠装。该机一般与外护套线一起使用。

This equipment is mainly used for armoring of non-metal outdoor optical cables, and can also be used for aramid armoring of indoor optical cables. This machine is generally used together with the outer sheathing line.

主要技术指标

芳纶头数	12/18/24头
结构转速	200rpm
绞合节距	100-1000mm
张力调节范围	1-8N,4-25N
放线筒尺寸	Φ 290 × Φ 94 × 290mm
绞合材料	工业芳纶纱及玻璃纱
驱动功率	7.5KW

Main technical data

Number of yarn max.	12/18/24
Structure rotation speed	200rpm
Stranding pitch	100-1000mm
Tension adjustment range	1-8N,4-25N
Pay-off reel dimension	Φ 290 × Φ 94 × Φ 290mm
Stranding material	Aramid yarn and glass yarn
Drive power	7.5KW

螺旋钢带铠装设备

Spiral Steel Tape Armoring Machine



生产线用途

该设备主要生产钢带螺旋铠装光缆，该设备包括压扁机及螺旋铠装机。

The machine is used for manufacturing steel tape armoring cable. The equipment includes steel wire flattening machine and steel tape spiral armoring machine.

主要技术指标

压扁机速度	40m/min
螺旋钢带铠装速度	1.0m/min
压扁钢丝放线盘	PN266
压扁收线盘	Φ 400
螺旋钢管收线	不锈钢桶 Φ 400
光纤放线芯数	12

Main technical data

Line speed of flattening machine	40m/min
Line speed of steel tape spiral armoring machine	1.0m/min
Pay-off reel size of flattening machine	PN266
Take up reel size of flattening machine	Φ 400
Take-up reel for spiral steel tube	Φ 400 reel
Number of fiber pay-off	12

热印印字机

Hot foil printing machine



生产线用途

该设备主要用于各种线缆护套的热印计米。独立结构，主动放带，适宜大长度热印带(15km)，印字带可实现100%利用率，不浪费，具有断带报警功能。

The machine is mainly used for hot printing and length counting of all kinds of optical fiber cable or power cable sheath. It is individual structure, active type pay-off tape and suitable for big length tape (15km) hot printing. The printing tape's availability can reach 100%, without waste. It is with tape break alarm function.

主要技术指标

计米范围	0-9999m
计米精度	2‰
热印带长度	1km and 15km
热印带宽度	8mm/10mm
热印带颜色	白色，黄色
电机	servo motor
缆径	Φ5 ~ Φ60mm
线速度	最大100m/min

Main technical data

Metering range	0-9999m
Metering accuracy	2‰
Length of the tape	1km and 15km
The width of the tape	8mm/10mm
The color of the tape	white, yellow
Motor	servo motor
Cable diameter	Φ5 ~ Φ60mm
Line speed	Max.100m/min

光缆自动排线系统

Automatic Traversing System for Optical Cable



设备用途

该设备主要用于光缆收线的自动排线，可以保证无人状况下的排线功能，既能节约人员，也能有效降低人员的排线风险。

The machine is mainly used for traversing of take-up for optical cables. This system can achieve the traversing effect without human intervention. Not only the labor cost is saved, but also the risk of manual traversing is reduced, and related automatic function of traversing is realized.

主要技术指标

光缆直径范围	Φ6-40mm
设备结构速度	≤180m/min
生产速度	≤150m/min
收线盘尺寸	Φ1000mm-Φ2000mm
收线盘类型	Plywood reel, wood reel
电控方式	PLC+ Touch screen

Main technical data

Cable diameter	Φ6-40mm
Structure speed	≤180m/min
Operation speed	≤150m/min
Take-up reel size	Φ1000mm-Φ2000mm
Reel type	Plywood reel, wood reel
Electric control system	PLC+ Touch screen

履带牵引 Caterpillar



生产线用途

该设备主要用于各种光电缆生产线的牵引及线缆的复绕。

The device is used for the traction in optical fiber cable or power cable production line or rewinding line.

Main technical data

主要技术参数

Type & Spec 设备种类	100kg	200kg	300kg	500kg	800kg	1250kg
Cable Dia. 适宜缆径	1.5-4.0	2 ~ 20	5 ~ 25	5 ~ 40	8 ~ 60	10 ~ 80
Pulling force 拉力	100kg	200	300	500	800	1250
Speed 速度	400	150	150	100	100	80
Belt contacting length 皮带接触长度	532	520	620	750	1200	1500
Belt width 带宽	70	70	70	80	100	120
Number of cylinder 汽缸数量 (对)	2	3	3	3	5	5
Motor power 电机功率	3	3	4	5.5	7.5	7.5
Motor speed 电机速度	2000	1500	1500	1500	1500	1500
Overall dimension 外型尺寸	1200 *590 *1475	1450 *720 *1500	1500 *720 *1500	1800 *1000 *1600	2500 *1150 *1700	2750 *1150 *1700

地轨龙门收排线

Portal type rail take-up with traversing device



生产线用途

可适宜各种线缆的收排线，稳定可靠，通过西门子PLC及西门子文本显示器实现对设备的控制。

It is used for the take-up and traversing of all kind of cables. It is stable and reliable. It is controlled under Siemens PLC + Siemens text display.

Main technical data

主要技术参数

Type & Size 规格	630/1250	630/1600	800/2000	1250/2500
Cable Dia. 缆径	Φ3 ~ 30	Φ5 ~ 40	Φ7 ~ 70	Φ10 ~ 110
Reel size 线盘尺寸	Φ630 ~ 1250	Φ630 ~ 1600	Φ800 ~ 2000	Φ1250 ~ 2500
Reel width 线盘宽度	475 ~ 950	475 ~ 1180	600 ~ 1500	950 ~ 1900
Speed 速度	10 ~ 100	5 ~ 80	3 ~ 80	2 ~ 60
Traversing Pitch 排线节距	1 ~ 2	1 ~ 2	1 ~ 2	1 ~ 2
Loading Weight 承重	2T	4T	6T	8T
Overall dimension 外形尺寸	1700*2000*2100	1850*2000*2300	2080*2300*2550	2080*2600*3160

光缆设备部件

Optical Cable Machine Parts



大盘钢铝带放带
Big reel steel and aluminum tape pay-off



废纤收卷机
Waste fiber winding machine



束管复绕机
Loose tube rewinding machine



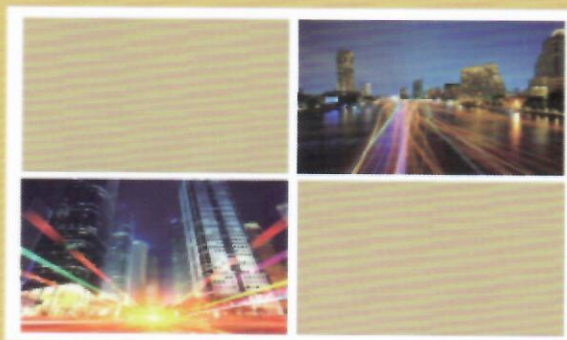
立式储线架
Vertical type Accumulator



余长测试台
E.F.L measure device



张力装置
Tension device



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