

常州鑫博轩设备制造有限公司

CHANGZHOU XINBOXUAN MACHINERY MANUFACTURING CO., LTD

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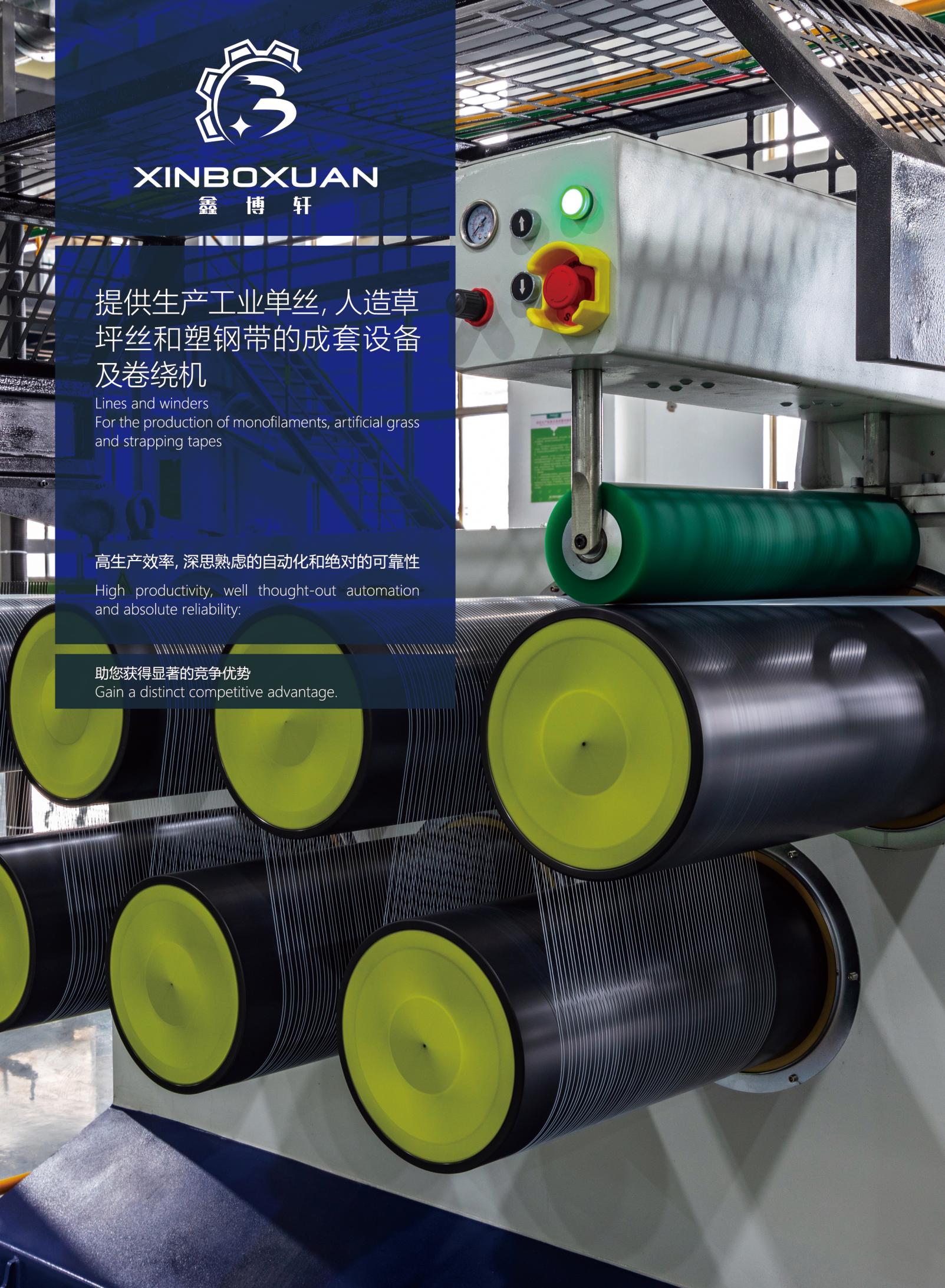
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**XINBOXUAN**  
鑫博轩

提供生产工业单丝, 人造草  
坪丝和塑钢带的成套设备  
及卷绕机

Lines and winders

For the production of monofilaments, artificial grass  
and strapping tapes

高生产效率, 深思熟虑的自动化和绝对的可靠性

High productivity, well thought-out automation  
and absolute reliability:

助您获得显著的竞争优势

Gain a distinct competitive advantage.

# COMPANY PROFILE

## 公司简介

常州鑫博轩设备制造有限公司位于经济发达的长江三角洲地区中心城市之一,同时也是拥有先进制造业基地和文化旅游名城的常州。公司临近常州机场,京沪高铁,沪蓉高速G42、京杭高速S39、338省道、122省道穿区而过。优越的地理位置、良好的经济氛围、便利的交通条件,为您的合作提供了最佳的环境。

十余年来鑫博轩致力于向全球用户提供高科技技术织物成套生产设备、单机设备及收卷设备。我们不仅提供设备,而且提供全套工程设计和工艺技术及专利。紧贴市场,与客户实现无障碍沟通,专设试验线可为用户提供定制化服务。系统的服务使得鑫博轩迅速成为当前单丝、PET塑钢带、人造草丝生产领域的优秀服务商。

鑫博轩创立以来,以“诚信、品质、服务、创新”作为公司的服务宗旨,符合我们合作伙伴的利益为愿景。

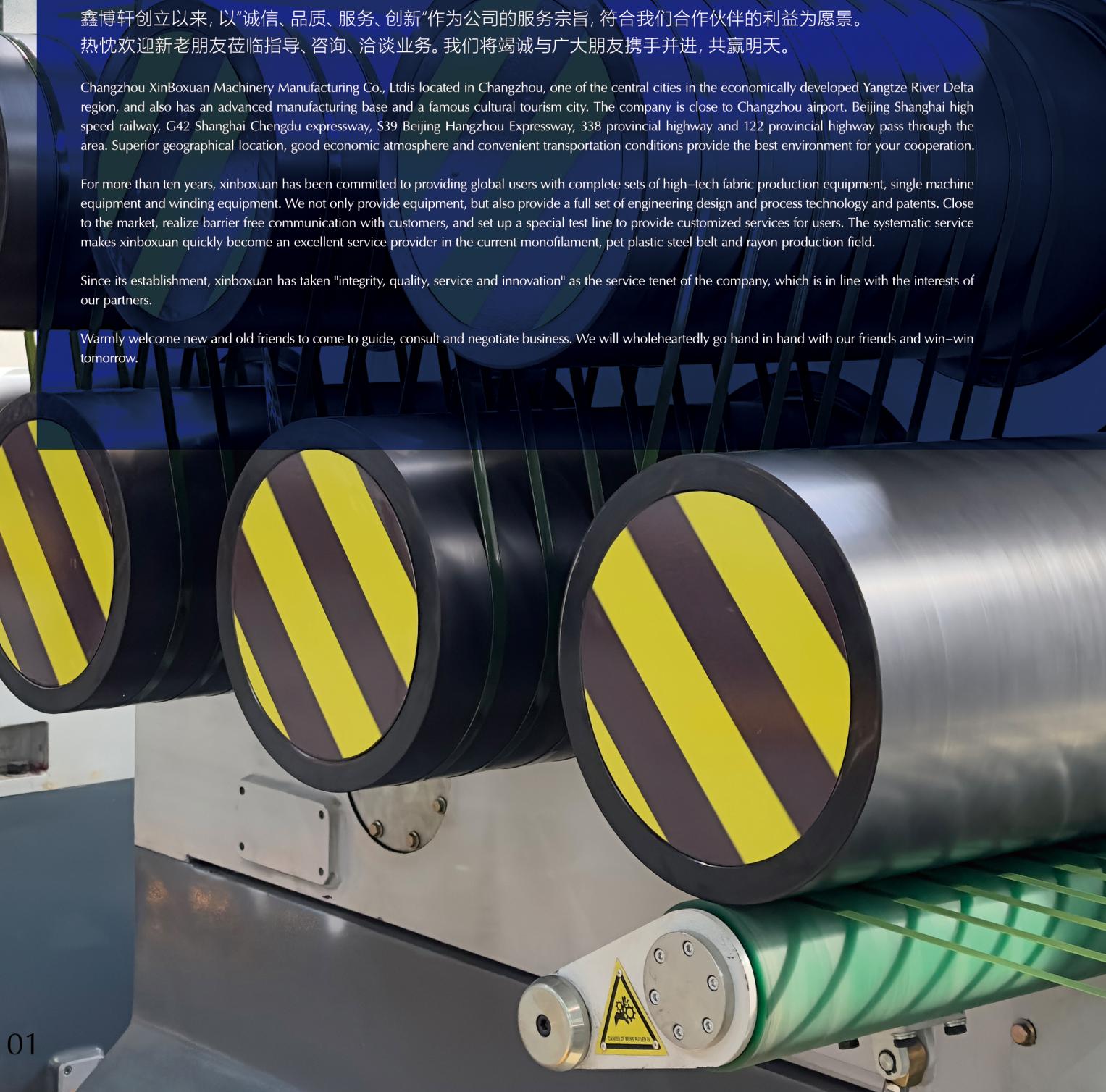
热忱欢迎新老朋友莅临指导、咨询、洽谈业务。我们将竭诚与广大朋友携手并进,共赢明天。

Changzhou XinBoxuan Machinery Manufacturing Co., Ltd is located in Changzhou, one of the central cities in the economically developed Yangtze River Delta region, and also has an advanced manufacturing base and a famous cultural tourism city. The company is close to Changzhou airport. Beijing Shanghai high speed railway, G42 Shanghai Chengdu expressway, S39 Beijing Hangzhou Expressway, 338 provincial highway and 122 provincial highway pass through the area. Superior geographical location, good economic atmosphere and convenient transportation conditions provide the best environment for your cooperation.

For more than ten years, xinboxuan has been committed to providing global users with complete sets of high-tech fabric production equipment, single machine equipment and winding equipment. We not only provide equipment, but also provide a full set of engineering design and process technology and patents. Close to the market, realize barrier free communication with customers, and set up a special test line to provide customized services for users. The systematic service makes xinboxuan quickly become an excellent service provider in the current monofilament, pet plastic steel belt and rayon production field.

Since its establishment, xinboxuan has taken "integrity, quality, service and innovation" as the service tenet of the company, which is in line with the interests of our partners.

Warmly welcome new and old friends to come to guide, consult and negotiate business. We will wholeheartedly go hand in hand with our friends and win-win tomorrow.



# 鑫博轩XBX

## 创新的解决方案提供了显著的生产率优势

Innovative solution for the distinct advantage in productivity

我们是经验丰富的单丝和塑钢带生产设备成套设备供应商,凭借高度的灵活性、创新能力和上百条现役生产线所积累的丰富经验,我们开发的技术可助您获得明显的竞争优势。

We are the experienced manufacturer in the production of monofilament and strapping tape lines. With high flexibility, innovativeness and experience from more than 100 commissioned lines, we develop technologies that give you a clear edge over the competition.

### 公司 / COMPANY 集设计、研发和制造于一体

All in one house

鑫博轩集设计、研发和制造一体于塑料挤出科技,并提供所有核心部件。这样生产线技术与产品转化得以紧密结合,从而实现整个产线的高效率。

XBX integrate design, research & development and manufacturing for plastic extrusion technology in one house, this network supplies us with all core components we use in our lines. This way, line technology and product conversion are closely connected – for a high productivity of the total line.

### 合作关系 / PARTNERSHIP 长期合作

Long term cooperation

对我们来说,与您分享我们的专利技术是理所当然的。作为生产者,我们将在整个过程中始终与您相伴,从生产线的规划、调试以及从产品开发到生产。这样,即使您是行业新手,我们也能让您成功生产出需要的优质产品。

For us, it is a matter of course to let you share in our knowledge. We accompany you as producer through the entire process, from planning the line to commission it and from product development to production. Thus we enable even newcomers in the industry to successfully start producing monofilaments and strapping tapes.

### 能力 / COMPETENCE 工程设计与咨询

Engineering and consultation

凭借十多年的机械与工厂设备制造经验,我们深知在产品的生产与转化过程中,哪些因素至关重要。我们在开发系统的过程中,始终将高产品质量、易操作性和生产线高适用性置于首位。您的竞争优势始终是我们的目标。

In more than ten years of experience in manufacture of machinery and plants we have learnt what really matters in the production of the products. In the development of our systems, we put priority on a consistently high product quality, easy handling and high line availability. Your competitive advantage is our goal at all times.

### 质量 / QUALITY 长期合作

Reliable quality management certification system

我们在开发和制造挤出设备和收卷机时,以最苛刻的质量要求为标准。在质量监督方面,我们并不仅仅依赖自己的判断:除了我们自己的内部评估系统外,我们还定期请外部机构来确认我们的质量。

We develop and manufacture our lines and winders to meet the most exacting demands for quality. We built perfect means of quality supervision and inspection systems.

## 单丝生产线

## Monofilament lines

### 生产稳定和高度自动化

Producing stability and highly automated

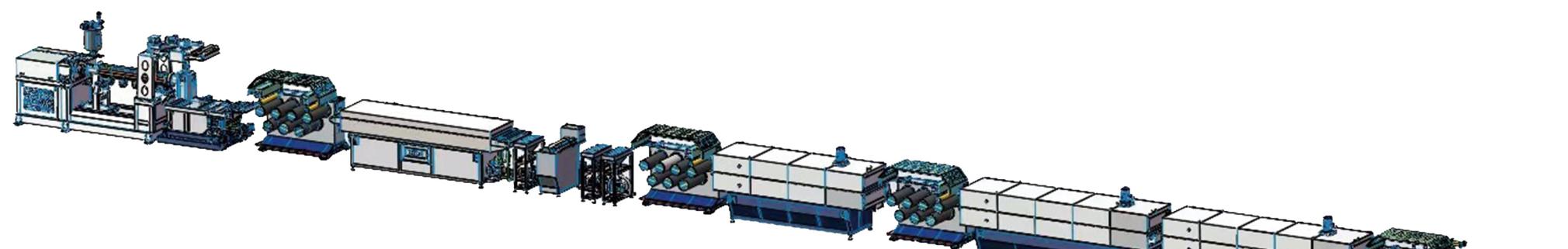
这个页面太素了，加些设备图片进来。

采用我们的生产线和设备, 生产出的高强度、低成本、高效能及均匀和高品质的产品将极大的说服你们的客户。

生产的单丝可满足造纸工业的最高质量要求, 还有丝网印刷, 过滤分离, 汽车行业 (间隔织物、编织绳, 轮胎帘子布), 传送带, 搭扣带, 窄幅织物等。

Using our machines and equipment you will convince your customers with high yarn tenacity, low maintenance costs, high efficiency as well as even and high yarn quality.

Monofilament yarns are used for technical fabrics, such as paper making cloth, screen printing, filtration & sieving, automotive, conveyor belt, hook & loop, narrow fabrics, for brush & broom, for concrete reinforcement, for twine/rope, nets and industrial fields.



高品质产品  
quality master XBX-MF  
线径公差小且稳定  
keep tolerances consistently low

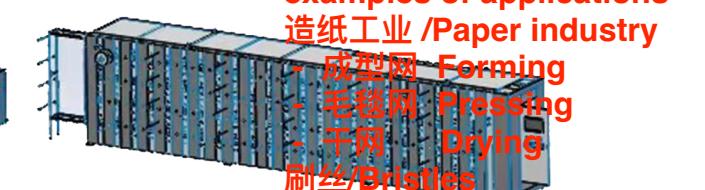
为了获得极小的线径公差, 在使用 XBX-MF 系统生产时, 除采用分区模头加热技术外, 你还可持续监测细丝的直径及均匀性  
For very low diameter tolerances we use die with segmented heating zone and continuously monitor the diameter and slub of monofil during production

高速/HIGH SPEED  
生产速度高达500m/min  
Producing monofil up to 500m/min

使用XBX-MF单丝设备, 细丝生产速度可达500m/min甚至更高。  
With XBX-MF monofilament systems, you can produce 500 meter filament per minute, even more.

挤出技术/Extrusion  
挤出机兼容原料的广泛性  
Processing a wide range of raw materials

XBX-MF能处理几乎所有聚合物。根据原料的选择, 我们能采取不同的加工工艺来应对。  
XBX systems can process almost all polymers. Depending on the selection, we configure the appropriate line concepte



应用实例  
examples of applications  
造纸工业 /Paper industry

- 成型网 Forming
- 毛毡网 Pressing
- 干网 Drying
- 刷丝/Bristles
- 扫把丝 Brooms
- 牙刷丝 Tooth brushes
- 人造草坪丝 Artificial grass
- 娱乐/Recreational activities
- 钓鱼线 Fishing lines
- 网球线 Tennis strings
- 混凝土纤维/Concrete fibers

# 塑钢带生产线

## Strapping tape lines

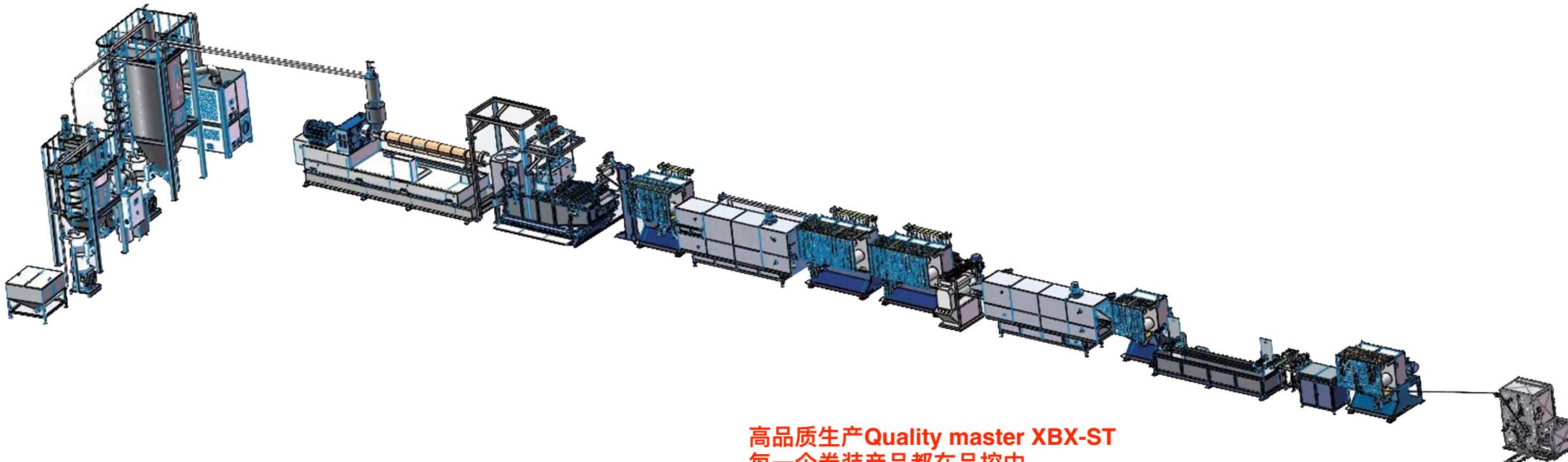
### 直接处理100%的再生材料

Direct process of 100% recycling material

利用XBX塑钢带生产技术, 能处理新料和100%回用PET片料。从聚合物到塑钢带的转换可在一个生产步骤里完成。能生产具有最高强度和最佳经济性的塑钢带。

With the XBX strapping tape technology you are able to process both virgin raw materials and hundred percent PET flakes. The conversion from polymer to strapping tape takes place in a single production step. Produce tapes of very high strength especially economically.

这页也放机器照片



高品质生产 Quality master XBX-ST  
每一个卷装产品都在品控中  
Every single spool under control

高速 / HIGH SPEED  
生产塑钢带速度高达240米/分钟  
Producing strapping tape up to 240m/min

XBX塑钢带生产线拥有市场上最快的生产速度。该生产线能以240米/分钟的速度高效生产小规格的塑钢带。市场上生产设备的速度很难达到200米/分钟。即便如此高速生产, 仍可百分之百生产稳定的高质量的产品。  
XBX strapping tape lines are the fastest on the market. Producing small tapes very efficiently, with a line speed of up to 240m/min. currently 200m/min is usual. You can always rely on one hundred percent on the product quality, even at such high speeds.

可持续性 / SUSTAINABILITY  
加工100%的再生材料  
Process 100% recycled materials

XBX技术能顺利将100%的瓶片料转化为高质量的塑钢带, 采用低成本的原料生产成为可能。  
The XBX technology can process hundred percent bottle flakes and turned it into high-quality PET strapping tape. That enables you to produce high quality products from cost-efficient raw materials.

采用XBX控制系统, 带子的宽度厚度  
可以随时记录, 并 及时纠正偏差  
**Reduce the reject rate in your  
production and create quality  
certificates or labels for each  
individual bobbin. XBX system.  
records and logs the width and  
thickness of all tapes at the same  
time. deviations can thus be  
corrected in time.**

塑钢带应用实例:  
examples of applications  
-- 棉花 cotton  
-- 饮料 Beverage  
-- 钢材 Steel  
-- 建材 stones  
-- 包装 packages  
-- 木材等. wood  
etc

钢带的替代品  
substitution of steel straps

原材料 raw materials  
PET 粒料或片料; PP粒子

单线产量 output  
120 ~ 1000kg/h

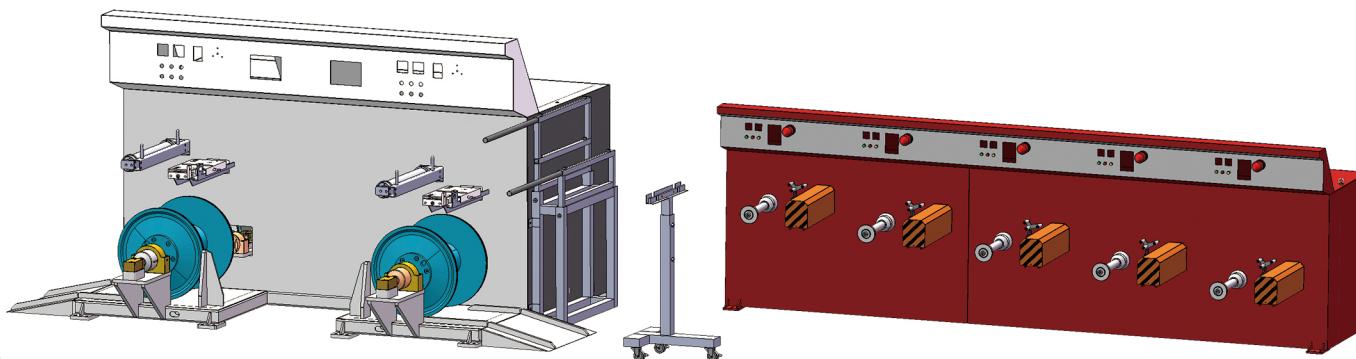
## 单丝收卷机

Winder for monofilament



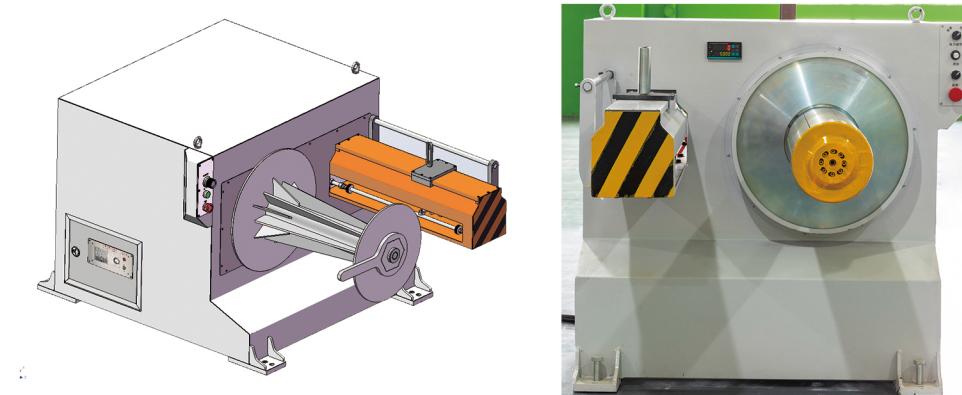
## 大盘收卷机

Jumbo winder for monofilament



## 开机收卷机

Start-up winder for monofilament



平行绕单丝直径0.06~4毫米; 复合丝600~6000丹尼尔。

– For the parallel winding of monofilaments from 0.06 to 6000 denier count into flanged bobbins, cops or bottle tubes.

终端产品用于织网, 割草绳, 鱼线, 造纸网等

– Product end use: nets, grass, trimmers, fishing lines, paper making cloth etc.

### 模块化结构

– modular structure

通过摆臂及独有的电子驱动来自动调节卷绕张力

– adjustable automatic tension control via dancer arm and proprietary electronic drive

### 附加计米器和除静电装置

– additional accessories such as meter counter and anti-static devices.

第九页与十页合成一页 文字描述放到单丝收  
卷机下面  
第九页加新的素材进来

## 人造草坪丝生产线

### Extrusion line for the production of artificial turf

草丝生产主要采用的原料为PP, LLDPE, PA, 鑫博轩提供运动草坪及景观草坪用单丝生产设备,可生产单组分/双组分单丝及双色或3色草丝。

PP, LLDPE, PA are the basic raw materials used for yarn for sports, leisure and landscaping applications. Various shape monofilament mono and bicomponent, bicolor or 3-color can be produced on Xinboxuan extrusion line.

#### 运动草坪丝

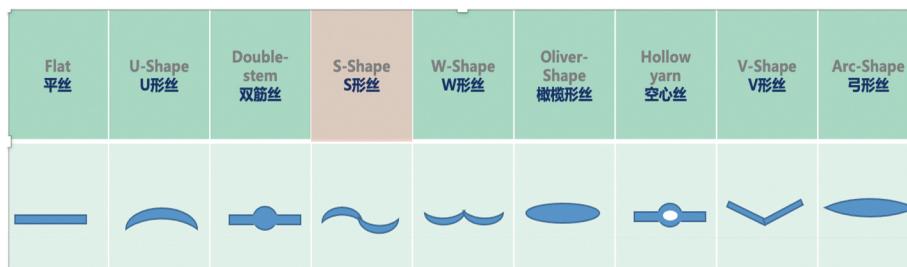
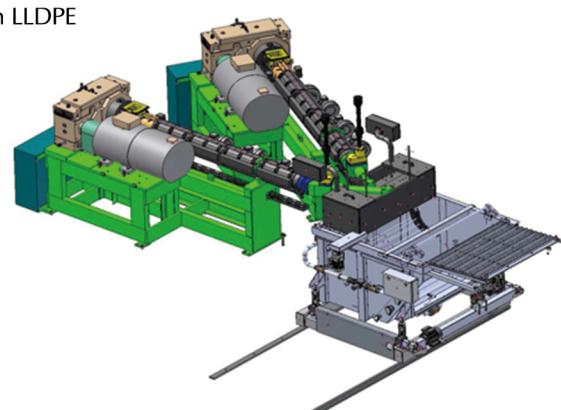
Sports

- 低收缩率、低弯曲度的LLDPE双色丝
- Bi-color monofilaments yarn from LLDPE with low shrinkage and low curl
- LLDPE双组份 (共挤工艺) 及双色丝
- Bi-components (co-extrusion) and bi-color monofilament yarn from LLDPE
- 提高草丝的回弹性和使用寿命
- Improved resilience and long sport life

#### 景观草坪丝

Landscape

- PP双色空变丝
- Bi-color textured monofilament yarn from PP
- 高速生产低成本并显著提升草丝的回弹性
- With high speed for low production cost and improved resilience



## 刷丝生产线

### Extrusion Lines for Bristles

#### 单螺杆/双螺杆挤出机

Single or Twin screw extruder

- 可采用 PET 回收料, PA,PBT,PP树脂
- Extruderlayout for PET Flakes \*); PET, PA, PBT, PP pellets
- 可达2000根单丝 (与线径及原料有关)
- Up to 2.000 filaments (depending on diameter and raw material)
- 采用半自动及全自动收卷
- Semi and fully automatic hank winders
- 半自动收卷机生产速度可达200m/min
- Production speed up to 200 m/min with semi- automatic hank winder

应用: 刷丝及扫把丝

Applications: Brushes , brooms etc.

