

## 公司简介

佛山市卡玛工业高温毡有限公司，始建于2002年，主要从事铝业用耐高温毛毡，主要产品包括卡玛牌的针刺高低温滚筒、无缝输送带、平板式毡条、时效毛毡套等。

公司结合国内铝材生产实际情况，引进国外先进技术及生产设备，制造出品质优良的卡玛牌系列精品，包括有：滑出台无缝输送带，高低温滚筒、平板式毡条、时效毛毡套、铝材防擦花保护条等产品，具有密度高，耐磨性能好，弹性好，柔软度适中，表面平整，产品经高速针刺而成，不易掉毛，提高酸洗池的洁净度几大特点。

卡玛工业高温毡有限公司秉承“顾客至上，锐意进取”的经营理念，坚持“客户第一”的原则为广大客户提供优质的服务，赢得了广大客户的高度认可和信赖，产品销售网络遍布全国，并覆盖了东南亚、欧盟等国家和地区。以先进的生产设备、精湛的生产工艺、优质卓越的产品与真诚的服务态度，与广大客户建立了长期稳定的友好合作双赢关系。

热忱欢迎各界朋友光临本厂参观指导，洽谈合作，同创机遇，共建未来。



Established in 2002, Foshan Calm Industrial Felt Co., Ltd. is mainly engaged in the production of high-temperature felts for the aluminum industry, whose main products include needle punched high & low temperature rollers, seamless conveyor belts, flat-style felt strips and aging felt sleeves.

According to the actual aluminum production conditions in China, the company has introduced foreign advanced technology and production equipment. Our Calm-brand high-quality products include seamless conveyor belts, high & low temperature rollers, flat-style felt strips, aging felt sleeves, aluminum scuff-resistant strips, etc., which are featured by high density, good abrasion resistance, excellent elasticity, moderate softness and smooth surface. In addition, the products are produced through high speed needle punching, which effectively avoids depilation and improves the cleanliness of pickling tank.

Adhering to the business philosophy of "Focusing on Customers, Forging Ahead with Determination" and the principle of "Customer First", Calm High-temperature Industrial Felt Co., Ltd. has been committed to provide high-quality products and services and won high recognition and trust from its customers. Its sales network spreads throughout China, and also covers Southeast Asia, European Union and other countries and regions. In reliance on advanced production equipment, exquisite production technology, excellent products and sincere service attitude, we have established a long-term stable, friendly, cooperative and win-win relationship with our customers.

We warmly welcome all friends to visit our factory to discuss cooperation and build a promising future together.



## 生产设备

卡玛始终把质量放在第一位，牢记“锐意进取”的企业精神。凭借先进的生产设备和精湛的工艺以及严格的检测手段，保证了卡玛产品的优良品质。

井然有序的生产车间工作。精益求精、一丝不苟的工作态度是卡玛员工一直保持着的作风，机械操控、生产材料放置、生产运作都在科学高效的生产管理规章监控之内，务求所有工作步骤都做到时满分，精益求精。

卡玛拥有当今最先进的进口多条先进的全套自动数控生产线及检测仪器。保证了产品的高质量和成本控制，使我们企业的产品在市场上具备了更强大的竞争力。

CALM always puts quality in the first place, keeping in mind the enterprise spirit of "Forging ahead with Determination". With advanced production equipment, exquisite technology and strict testing methods, good quality of Calm products is guaranteed.

The production in our workshops is maintained in orderly condition. Calm staff always makes continuous improvement and keep conscientious and meticulous in their work. Mechanical manipulation, storage of production materials and production operation are strictly controlled according to the scientific and efficient production management regulations, so as to ensure that all the work steps conform to the requirements.

CALM possesses multiple advanced full automatic CNC production lines and various testing devices, which ensure product quality and cost control, and make our products more competitive in the market.



■ 环带成型车间  
Seamless conveyor belt molding workshop



■ 第二半成品仓库  
Second semi-finished product store



■ 无缝环带机  
Seamless conveyor belt machine



■ 金属探测仪  
Metal detector



■ 成品仓  
Finished products warehouse



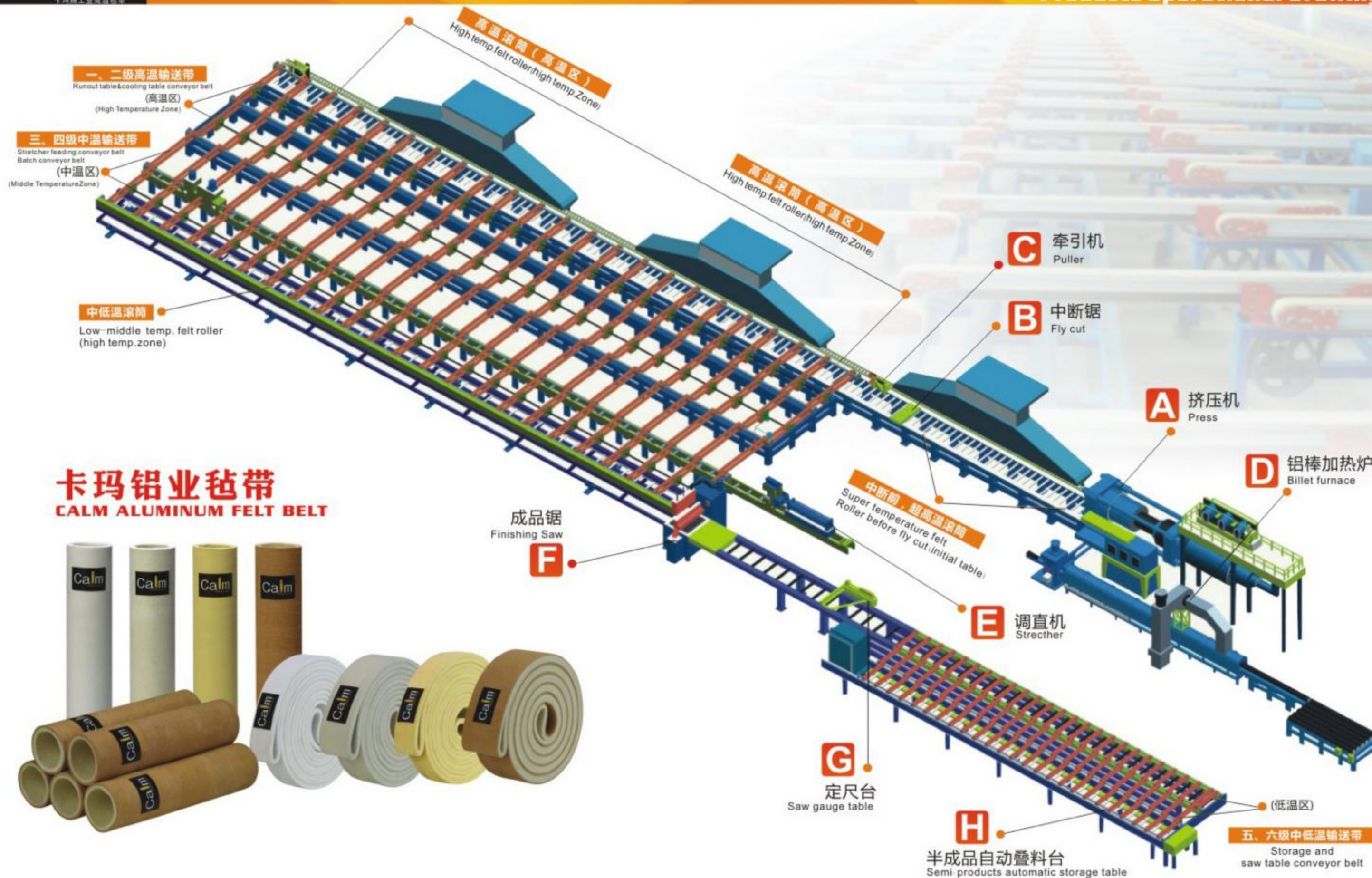
■ 拉力检测仪  
Rally inspection meter



■ 开料机  
Cutting machine



■ 高温进口纤维  
Imported high temp. Fibre



## (新技术无痕系列)滚筒

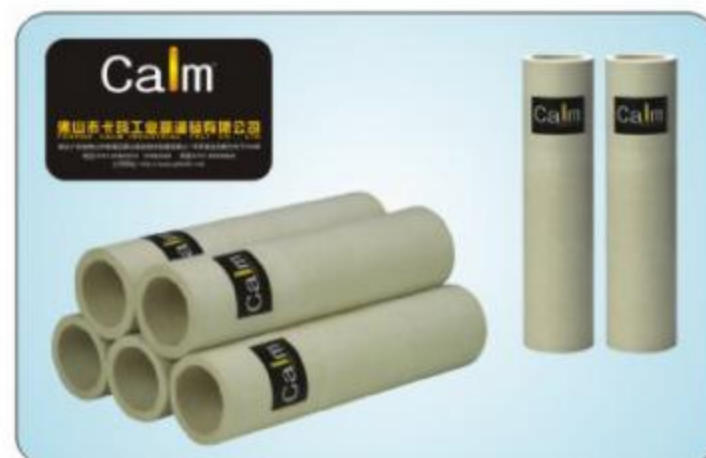
(New Technology Seamless Series) Roller



- (啡色+黄色)600°C超高温滚筒(PBO+Kevlar)600°C PBO roller
- 超高温滚筒 Super high temp. resistance felt roller
- 适合中断前使用,有效改善由石墨做成的伤痕。(超高温区)  
Suitable for use before fly cut, Effectively improve the scratch mark made by the graphite. (Ultra-high Temp. Zone)



- 480°C高温滚筒 480°C High temp.resistance felt roller
- 高温隔热筒 High temp.resistance felt roller
- 只适用于中断后使用的高温区滚筒。(高温区)  
Suitable for use after fly cut and run out table.(High Temp Zone)



- 280°C中温滚筒 280°C Middle-temp. roller
- 中温滚筒 Middle-temp. Felt roller
- 只适合调直机后的输出台使用(中温区)  
Only suitable for the output table after the straightening machine (Middle Temp Zone)



- 180°C低温滚筒 180°C PE roller
- 低温滚筒 Low temp.Felt roller
- 只适合成品锯台及常温度使用的滚筒。(低温区)  
Only suitable for use of finished saw table and room-temperature roller(Low Temp Zone)

| Type 型号   | Color 颜色                | Composition 组成                        |
|-----------|-------------------------|---------------------------------------|
| Roller-PK | Brown<br>褐色+黄色<br>600°C | mm PBO Outside+mmKevlar<br>PBO+Kevlar |
| Roller-K  | Yellow<br>黄色<br>480°C   | 100%Kevlar                            |
| Roller-PE | Beige<br>米色<br>280°C    | 100%Polyester                         |
| Roller-PE | White<br>白色<br>180°C    | 100%Polyester                         |

Available size 尺寸  
inside diameter 内径:  
Φ 41,43,44,45  
Φ 49,50,51  
Φ 60,61,62,63  
Φ 76,77  
Φ 80,81,82  
Φ 90,95  
Φ 100,101,102  
Φ 114,115  
Φ 120,127

我们可以根据您的要求加工不同尺寸的滚筒  
We can process different sizes of rollers according to your requirements

Length 长度  
All sizes are available 任意长度

Hard type 硬化:  
Treated with Silica  
经树脂处理加硬

- 卡玛牌无痕滚筒系列,只专门针对表面要求极高的客户群。  
卡玛品牌滚筒优点:不可能出现起毛层、凹凸、起鳞片、污染铝材现象。其产品表面平整,优良的新技术,让你体验到更耐用、更高的性价比。特别适用于生产电泳表面、抛光表面要求极高的铝材产品。

■ Calm-brand seamless roller series is specially developed for the customers who have a high requirement for surface. Advantages of Calm-brand roller: It resists to raising, unevenness, scaling, aluminum pollution and other defects. With smooth surface, the product adopts advanced new technology and is more durable and cost-effective. It is especially suitable for the production of high-quality aluminum products with electrophoretic or polished surface.

## (新技术无痕系列)无缝环型输送带

(New Technology Traceless Series) Seamless Ring Conveyor Belt



- (啡色+黄色)600°C超高温无缝环型输送带  
(Brown + yellow) 600°C ultra-high temperature seamless ring conveyor belt
- 超高温无缝带 Ultra-high temperature seamless belt
- 适合中断前使用，有效改善由石墨做成的伤痕。(超高温区)  
Suitable for use prior to interruption, it effectively reduces the traces caused by graphite. (Ultra-high Temp. Zone)



- 480°C高温无缝环型输送带  
480°C high temp.seamless conveyor belt
- 高温无缝带 high temp.seamless belt
- 只适合一、二级高温输出台(高温区)  
Only suitable for runout table and cooling table (High Temp Zone)



- 280°C中温无缝环型输送带280°C middle temp.seamless conveyor belt
- 中温无缝带 middle temp.seamless belt
- 只适合调直机后的输出台使用(中温区)  
After stretching conveyor only (Middle Temp Zone)



- 180°C低温无缝环型输送带 180°C low temp.seamless conveyor belt
- 低温无缝带 low temp.seamless belt
- 只适合叠料台，成品输出，喷涂上下线、氧化上下线(常温区)  
Application for storage table,saw table,loading & unloading line for anodizing and painting (Room Temp Zone)

Available size 尺寸

width 宽度：20mm-1500mm Length 长度：1700mm-11000mm Thickness 厚度：8、10、12mm

| Type 型号  | Color 颜色                       | Composition 组成                                                            |
|----------|--------------------------------|---------------------------------------------------------------------------|
| Belt-PKN | Brown+Yellow<br>褐色+黄色<br>600°C | PBO+Kevlar+one layer Nomex tension member<br>PBO+Kevlar+Nomex基布           |
| Belt-KN  | Yellow<br>黄色<br>480°C          | Kevlar+One layer Nomex tension member<br>Kevlar+Nomex基布                   |
| Belt-NNP | Off White<br>米白色<br>280°C      | 100%Nomex+one layer Nomex tension member<br>100%Nomex+Nomex基布             |
| Belt-PE  | White<br>白色<br>180°C           | 100%Polyester+one layer Nomex tension member<br>100%Polyester+Polyester基布 |

- 卡玛牌无痕环型输送带系列，只专门针对表面要求极高的客户群。  
卡玛品牌环型输送带优点：不可能出现撕裂、脱层、起鳞片、跑偏、拉长、变形、污染铝材现象。其产品表面平整，优良的新技术，让你体验到更耐用、更高的性价比。特别适用于生产电泳表面、抛光表面要求极高的铝材产品。
- Calm-brand seamless ring conveyor belt series is specially developed for the customers who have a high requirement for surface. Advantages of Calm-brand ring conveyor belt: It resists to tearing, delamination, scaling, deviation, elongation, deformation, aluminum pollution and other defects. With smooth surface, the product adopts advanced new technology and is more durable and cost-effective. It is especially suitable for the production of high-quality aluminum products with electrophoretic or polished surface.

## 毛毡条 Felt Pad



Available size 尺寸: Hard type 硬化: 经树脂处理加硬  
width 宽度: 30mm-1500mm Length 长度: UP to 20000mm Thickness 厚度: 8、10、12mm Treated with Silica

| Type 型号  | Color 颜色                           | Composition 组成                    | 温度    |
|----------|------------------------------------|-----------------------------------|-------|
| PBO-100% | 褐色<br>Brown<br>褐色双面<br>Brown+Brown | 纯PBO+PBO基布<br>(超高温双面出料口专用毡)       | 600°C |
| Pad-PKK  | Brown+yellow<br>褐色+黄色              | PBO+Kevlar基布<br>(普通单面机口专用毡)       | 600°C |
| Pad-PK   | Brown+yellow<br>褐色+黄色              | PBO+Kevlar<br>(平板式PBO毡条)          | 600°C |
| Pad-KK   | Yellow<br>黄色                       | 100%Kevlar<br>100%Kevlar+kevlar基布 | 480°C |
| Pad-NP   | off White<br>米白色                   | Nomex+Kevlar                      | 280°C |
| Pad-PE   | White<br>白色                        | 100%polyester+100%polyester+基布    | 180°C |

## 装料框双面保护毡条 Nomex Felt Strip



- 280°装料框双面保护毡条  
280° Two side protection Nomex,felt strip for packing iron rack



装料框未加工(未保护)  
Iron rack without felt protection( unprotected)



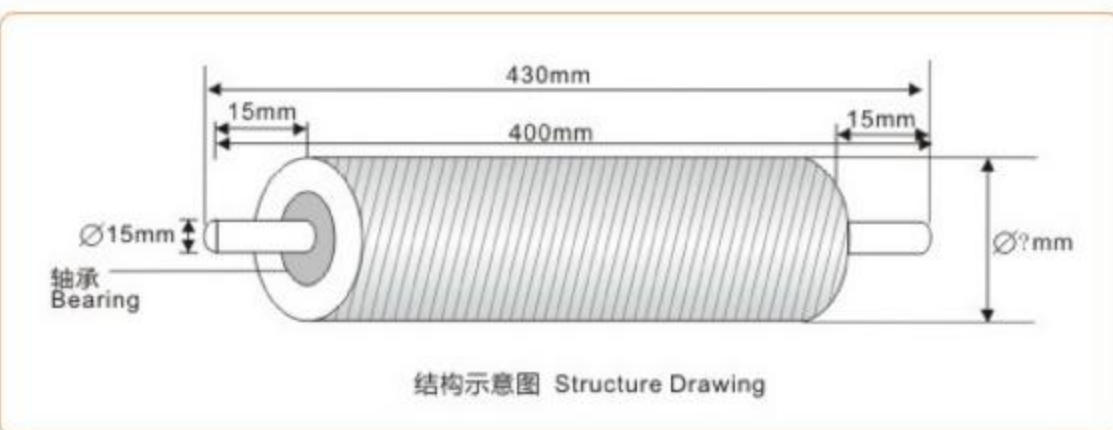
加工后的装料框(已保护)  
Iron rack with felt protection

- 常用规格: 30-50mm 长度: 20000mm(20米/卷)
- 壁厚: 6mm、8mm、10mm
- 适应温度: 与时效炉工艺一致, 完全满足工艺要求。
- 特点: 有效的改善了铝材表面的保护作用。可以减少装框、坯料中转过程中颠簸而造成的擦花、碰伤现象。
- 最适合: 表面要求极高的铝材产品。避免了按订单生产时, 因中转碰伤、擦花而二次作业的损失。
- Standard size:30-50mm length:20000mm(20m/roll)
- Thickness:6mm、8mm、10mm
- Working Temp:Consistent with the ageing oven process,fully meet the technical requirements
- Features:improve the aluminum surface protection effectively,reduce the scrath caused by the iron rack,profile transfer process.
- Mostly suitable for:the aluminium profiles with the high quality surface requirement,avoid the loss in second operation' s and transit bumps or rub when order is in production.

### 镀锌钢滚筒 Galvanized iron roller



镀锌钢滚筒 Galvanized iron roller



#### 常用规格：

- 档边滚筒：ΦxΦ50x100x180
- 成品输送滚筒：
  1. Φ15xΦ50x450x480
  2. Φ15xΦ60x450x480
- 初出台输送滚筒(高温区)：
  1. Φ15xΦ60x400x430
  2. Φ15xΦ76x400x430
- 15#凹型托片(输送滚筒两边的托片)

#### Standard specification:

- Side Roller: Φ15xΦ50x100x180
- Finished products Conveyor Roller:
  1. Φ15xΦ50x450x480
  2. Φ15xΦ60x450x480
- Initial table conveyor roller (high Temp):
  1. Φ15xΦ60x400x430
  2. Φ15xΦ76x400x430
- 15# Mitrix supports (to hang the rollers)

### 链条式(重型输送带) Chain text conveyor belt



- 链条式(重型输送带) 480° 国家专利产品 State patent products Chain text conveyor belt (heavy-duty conveyor belt)

- 适合 2500T-10000T 挤压生产线;
- 优点:有强劲的拉力,解决了常规的打滑现象,从而达到输送顺畅的效果;
- 规格按客户实际需求生产,毡面有效范围为5mm.
- 技术参数:
  - ◇ 齿距:12.7mm,内弧最小为300mm
  - ◇ 齿距:15.87mm,内弧最小为330mm
  - ◇ 长度:11000mm
  - ◇ 壁厚:10mm
  - ◇ 宽度:80mm-130mm
  - ◇ 适应温度:480°C-280°C

- Suitable for 2500T-10000T Press.
- Advantage: Strong pull, solving the conventional slipping, achieve the effect of smooth delivery.
- According to customer specifications, felt surface effective range of 5mm.
- Technical parameter

- ◇ Teeth Space: 12.7mm, Minimum inner Arc: 300mm
- ◇ Teeth Space: 15.87mm, Minimum inner Arc: 330mm
- ◇ Length: 11000mm
- ◇ Thickness: 10mm
- ◇ Width: 80mm-130mm
- ◇ Suitable Temp: 480°C-280°C

## 同步带 Timing Belt



- 同步带 Timing Belt 型号：H12.7、T10、HPD14m
- T10 Belt-毛毡粘合式  
T10 Belt-felt bonding
- H12.7 Belt-毛毡粘合式  
H12.7 Belt-felt bonding
- HPD14m Belt-PVC粘合式  
HPD14m Belt-PVC bonding
- 适合常温区的输送带，可选择PVC粘合式或毛毡粘合式  
Select PVC bonding or felt bonding for room temp.Conveyor
- PVC无缝钢丝结构环型同步带  
PVC seamless steel structure timing belt  
1.毛毡粘合式 bonding type with felts
- PE无缝钢丝结构环型同步带  
PE seamless steel structure timing belt  
2.双层聚脂粘合式PE+PE bonding type

## 毛毡套 Spacer Sleeve



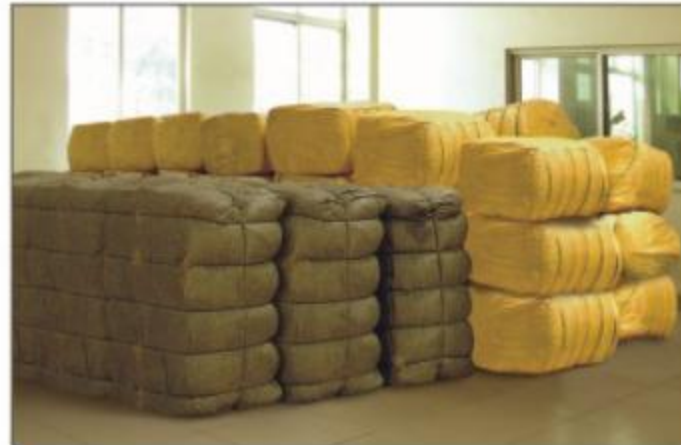
- 时效炉用毛毡套 280°C/180°C 厚度 1.3/1.6/1.8/2.0/3.0  
Aging furnace felt Thickness
- 您需要提供您们使用的铝压条长度、宽度、高度，给我们。  
我们根据您提供的不同尺寸加工成不同规格的时效隔热毡套。  
Please Kindly provide us the aluminium spacer size:length\*width\*height:  
according to your requirement,we can produce viours specification spacing  
material,spacer sleeve for the aging furnace...
- 时效毛毡套 Nomex spacer sleeve felt for aging furnace
- Type 型号：N-S Color 颜色：Off white/米白色 Composition 100% nomex Temp.up to 220-280°C
- Thickness 厚度：1.3、1.6、1.8、2.0、3.0、( 230g/m<sup>2</sup>-1000g/m<sup>2</sup> )

## 高档进口原材料 High-grade imported raw materials

卡玛毡带的原料均来自进口，确保了其“高强度、高密度、高品质”的产品品质。  
All the raw materials of Calm felts are imported from abroad, ensuring the product quality of "high strength, high density and high quality".



■ 原装进口原材料  
raw materials imported with original packaging



■ 进口耐高温材料  
Heat-resistant materials imported



■ 滑出台  
Slip issued



■ 铝型材毛毡平移式输送生产线  
Aluminium profile felt parallel type handling table



■ 铝型材毛毡皮带式输送生产线  
Aluminium profile felt belt type handling table



■ 平移式自动滑出台生产线  
Auto-pan run-out table production line

### 销售服务 Sales Service

经过多年的发展，卡玛已经在全国建立起一套完善的售前、售中、售后服务体系。给各个环节都赋予了深刻的内涵，让客户在踏入公司的第一步就感受到我们服务的细致与周到。从售前的调研与沟通，到售中的供货与交付，再到售后的指导与反馈，都注入了“客户利益始终在第一位”的营销理念。

After years of development, Calm has established a complete pre-sales in-sales and after-sales service system in China. Calm pays attention to every service detail, so that the customers can feel our meticulous and considerate service in their first impression. From the pre-sales research and communication, then the in-sales supply and delivery to the after-sales guidance and feedback, we have been adhering to the marketing philosophy of "putting customers' interests in the first place".



|                  |                 |             |                |
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| 佛山市南海金达机械有限公司    | 广东省肇庆科达机械制造有限公司 | 广东鑫丰铝材有限公司  | 山东松竹铝业有限公司     |
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Note: The names listed in this directory are in random order. Due to space constraints, some customers are not listed, please understand.