

# KINGDOM HEMP

金达纤维大麻

KINGDOM



# INTRODUCTION

## 前言

几千年来，纤维大麻都是种多功能型、可持续，且充满了意义的天然纤维。

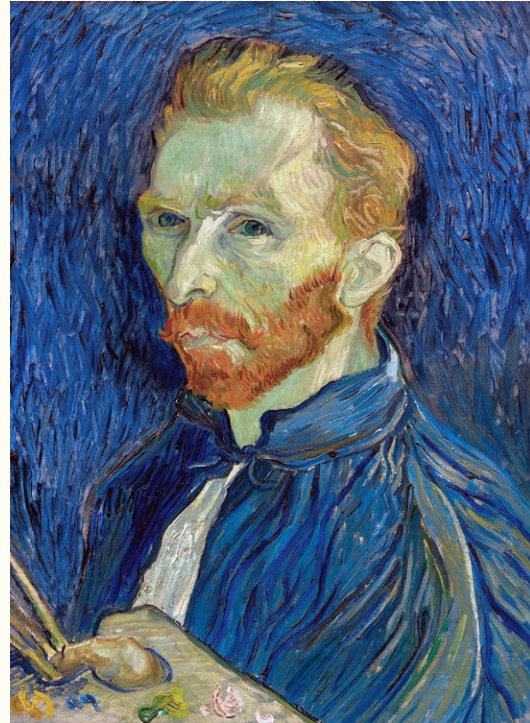
For thousands of years hemp has been a versatile, sustainable and vital fabric.

拥有着独一无二的历史，从上古时期用来包裹埃及木乃伊，到制成船帆伴随哥伦布远航美洲，承载了《独立宣言》上每一个具有深远意义的文字，成为梵高绚烂巨作的背景……

It has a history like no other, from wrapping Egyptian mummies, to creating the sails for Christopher Columbus' voyage to America. The American Declaration of Independence was written on hemp, and Van Gogh used hemp for some of his finest masterpieces.

通过现代技术，金达已将这种历史悠久的材料变成了属于未来的重要面料。除了优越的天然特性外，纤维大麻对地球环境也有好处。纤维大麻田吸收的二氧化碳量与同等面积的热带森林一致。

Using modern technology Kingdom has turned this historical material into an important fabric for the future. In addition to it's inherent advantages hemp's natural qualities make it good for the earth's environment; a field of hemp absorbs as much carbon dioxide as the equivalent area of tropical forest.



# BENEFICIAL NATURAL FEATURES

## 卓越的自然属性



优越天性



带来多重效益



Excellent natural property

在可持续解决方案中，纤维大麻所需水资源很少，整个种植生长过程不需任何人工灌溉，且无需杀虫剂；

As a sustainable solution hemp can be grown with very little water. Hemp does not require any artificial irrigation and pesticides during the growing period.


纤维大麻在自然界中分解很快，具有极强的生物降解性，不会对环境造成负担；

Owing to an extremely strong biological degradability, hemp decomposes quickly in nature, without adding to environmental insecurity.

不同于其他农作物，纤维大麻对土壤有修复作用，能够吸收重金属元素，修护被污染的土地，并能提高后续作物的产量。

Contrary to most crops, hemp has a recovery effect on the soil: it absorbs heavy metals, does good for land restoration and increases the yield of subsequent crops.





我们是全球规模最大的纤维大麻纱供应商

We are the largest supplier of hemp yarn in the world





世界知名奢侈品牌 Loro Piana 的 Willy 先生说道：“金达进入纤维大麻领域是全球纺织行业的里程碑事件。”

Mr. Willy [Head of Sales] of world-renowned luxury brand Loro Piana described Kingdom's entry into the hemp industry as, "A milestone in the textile industry".

*Loro Piana*



## PREMIÈREVISION®<sup>PV</sup>

金达是全球有机纤维大麻的引领者和主要推动者。

Kingdom is the main driver and promoter of organic hemp over the world.

2019 年及 2020 年，金达参加法国第一视觉展（Premiere Vision Paris）。在 PV 展的历史上，首次出现了以纤维大麻为主题的独立展区，引起了纺织业界的关注。

In 2019 and 2020, Kingdom attended Premiere Vision Paris. For the first time, an independent exhibit themed with hemp was displayed in the exhibition. This generated huge attention and was a turning point for the textile industry.





H&M

MUJI  
無印良品

ZARA

Levi's

BOSS  
HUGO BOSS

众多知名终端品牌也对这种可持续纤维日趋重视，其中许多品牌已推出纤维大麻服装。Sustainability is becoming ever more important and famous brands are attaching greater importance to this naturally versatile solution. Many brands have launched dedicated collections of hemp garments.



金达纤维大麻，一根与众不同的天然纤维  
**Kingdom Hemp, a unique natural fiber**

天然的 / 可持续的 / 可追溯的 / 创新的  
**Natural / Sustainable / Traceable / Innovative**



# Heilongjiang Kingdom Co., Ltd

黑龙江金达麻业有限公司

麻纺行业内至今唯一国家级绿色工厂

*the only national green factory in the industry*



## 纤维大麻纺纱项目

### **Hemp Spinning Project**

2016年5月开工建设，2018年6月全面达产。项目总投资3亿元，年产4000吨精纺纤维大麻纱。

Kingdom's Hemp spinning project was initiated in May 2016 with an investment of 300 million Yuan. The project was put into operation in June of 2018 and now 4,000 tons of worsted hemp yarn are produced annually.



## 纤维大麻粗纺项目

### **Hemp Semi-wet Spinning Project**

2019年开工，2021年8月底投产，项目总投资1.5亿元；引进国外先进设备93套，年加工粗纺纱线2500吨。

Hemp semi-wet spinning project went into operation in 2019 with an investment of 150 million Yuan and began production at the end of August 2021. 93 sets of advanced foreign equipment now support an annual capacity of 2,500 tons of semi-wet hemp yarn.





# Kangyuan Seed Project

康源种业项目



意在培育优良纤维大麻种子，目前已自主培育了 3 个纤维大麻品种。2021 年预计出产 1000 吨纤维大麻良种。

Cultivating superior hemp seeds with three distinct types of hemp fiber rolled out so far. In 2021, it is expected that 1,000 tons of hemp seeds will be produced.

作为新型纤维大麻生态圈中重要的一环，金达纤维大麻实现了从种子开始的生产过程可追溯性。

As a vital part of the new ecosystem of hemp, Kingdom hemp has achieved traceability of the whole production process originating from the seed.

# Heilongjiang Kingdom Co., Ltd

黑龙江金达纤维大麻有限公司



纤维大麻供应链  
管理配送中心  
**A center of hemp  
supply chain  
management &  
distribution**

项目总投资 2 亿元，实行订单农业。通过与农民签订订单、加强农民培训和科学种植，实行专业的检测、管理方法与储存技术，提供优质纤维大麻资源。

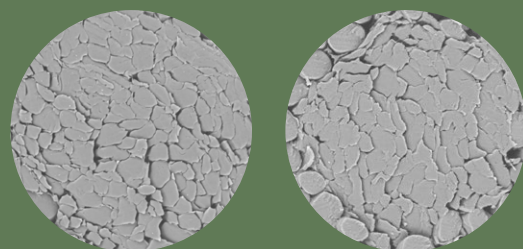
Contract Farming Mode with a total investment of 200 million Yuan. Kingdom works closely with farmers to strengthen training and scientific cultivation, to apply professional detection, and to manage methods and storage techniques. All this enhances production to improve hemp resources.



金达纤维大麻  
VS

普通纤维大麻纤维横截面的对比  
Cross Section Comparison Between  
Kingdom Hemp and General Hemp

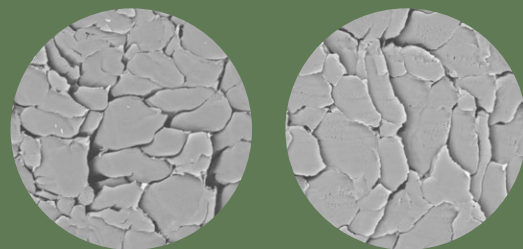
放大 600 倍  
Magnifying 600 times



金达纤维大麻  
Kingdom Hemp

普通纤维大麻  
general hemp

放大 1500 倍  
Magnifying 1,500 times



金达纤维大麻  
Kingdom Hemp

普通纤维大麻  
general hemp



创新的金达纤维大麻  
INNOVATIVE KINGDOM HEMP

纺织技术与染整技术的结合

A Combination of Textile Technology and Dyeing & finishing Technology

通过纤维横截面的对比实验证明，金达纤维大麻以现代科技打开了单纤维周围空间，使面料更亲肤，拥有更好的弹性与垂感。

A cross section analysis of Kingdom hemp and general hemp showed that using modern technology, Kingdom hemp stretches the space around the filament. This allows for a superior fit through better elasticity and durability.

KINGDOM

# Uniquely versatile

## 独特的多功能性

一根天然的抗菌纤维，拥有与生俱来的抗菌性能  
An antibacterial fiber with inherent anti-bacterial property

紫外线阻隔率高达 99.6% 以上  
The UVR block percentage reaches over 99.6%

花粉隔绝率高达 96% 以上  
The anti-pollen percentage is over 96%

拥有棉布双倍的颗粒过滤效率  
Double filter efficiency compared with cotton textiles

良好的吸湿性与透气性  
Excellent breathability and moisture absorption

适用于防飞沫和抑制传染扩散  
Applied to droplet prevention and virus inhibition





# KINGDOM HEMP IS GOOD FOR THE EARTH

金达纤维大麻对地球有益

## A GREEN DISCOVERY 一个绿色的发现

每公顷金达纤维大麻在 100 多天的生长期能够吸收多达约 13.7 吨的二氧化碳，其效益相当于 1 公顷的热带森林。

Each hectare of Kingdom Hemp can capture up to 13.7 tons of CO<sub>2</sub>, making it as efficient as one hectare of tropical forest.

## Carbon Neutral 碳中和

东华大学研究团队发布的《大麻纱线碳足迹报告》显示，金达纤维大麻纱已实现碳中和。

According to the Carbon Footprint Report of Hemp Yarn released from Donghua University, Kingdom Hemp goes carbon neutral.

*\*数据来源于的《大麻纱线碳足迹、水足迹和化学品足迹核算与评价报告》*

*Sourced from Report of the Carbon Footprint, Water Footprint and Chemical Footprint Accounting and Evaluation of Hemp Yarn.*

# KINGDOM A SUSTAINABLE FUTURE

金达的可持续明天

## **FOR OUR TEAM**

为团队

## **FOR OUR COMPANY**

为公司

## **FOR CHINA**

为中国

## **AND FOR THE WORLD**

为世界

## **CREATE A SUCCESSFUL FUTURE**

创造一个成功的未来



# KINGDOM

## 金达控股有限公司

金达控股有限公司

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