

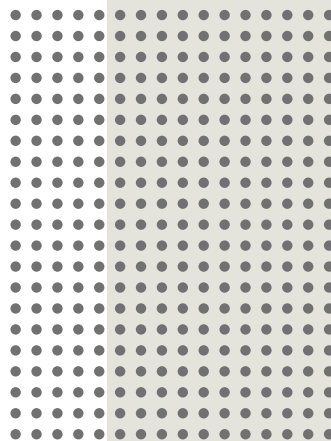
Knitting

a Better Future

-Live Green Live Great-



意创坊  
**YABNS & COLOBS**  
- connects you seamlessly -



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## YARNS & COLORS INTERNATIONAL CO., LTD.

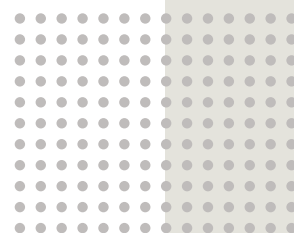
於2015年創立於臺灣，是YARNS & COLORS集團旗下致力於無縫針織設計織造的專業團隊，也是臺灣目前精密紡織產業中首創以日本SHIMA SEIKI 3D自動化控制與電腦自動精密織造的針織設計中心，提供專業設計提案、設計編程製作、3D設計模擬、打樣、生產、銷售一站式服務之設計平台。

Founded in 2015, Yarns & Colors was the first knitting design center in Taiwan's precision textile industry that uses Japanese SHIMA SEIKI 3D automation control and automatic precision woven knitting. These machines provide diverse design platforms – from professional design proposals, design programming, 3D design simulation, proofing, production and sales of one-stop services.



同時，意創坊也在實踐大學創立專業人才培育中心，透過產學合作的方式，為台灣培養具備國際最新專業技術的設計編程人才，成為接軌國際時尚舞台的橋樑。此外，意創坊於2018年10月於台中精密科學園區設立智能機械工廠，真正落實數位設計與智能化、自動化生產無縫接軌。意創坊擁有豐富的國際通路以及市場資源，期望藉由台中的智能工廠設立，善用現有資源，結合台灣人才、台灣設計、台灣製造的工業4.0模式，讓產業落地生根，拓展世界。

Within this time, Yarns & Colors international also established a talent cultivation center at Shih-Chien University. Combining industry with education, we aim to train Taiwan's talented design and programming creatives with the latest in international expertise and become a bridge for the international fashion arena.



## 設備

意創坊與日本島精機製作所合作，引進全球唯一最新型的超細無縫織造技術，所有的機械設備皆進行雲端連線，由終端電腦控制管理，建立統一的程序資料庫以及內網管理系統。所有生產線電腦與設備都為內網管控，此外亦可進行遠端控制解決，即時供應在地品牌生產需求。

## Equipment

All devices are connected, controlled by the terminal computer, and established through a unified program database and internal network management system.

All production line computers and equipment are controlled by the internal network. In addition, it can also be remotely controlled to satisfy local brand production demand in due time.



## 產能 Annual Yield

300,000 PCS/YEAR

## 服務 Service

針織設計完整解決方案

KNITTING DESIGN SOLUTION

SKETCH DESIGN



KNITTING PROGRAM



STYLE 3D SIMULATION



SAMPLING



PRODUCTION



INSPECTION



SALES CHANNEL

### 一體成型3D針織機 SEAMLESS 3DKnit

MACHINE MODEL機型	GAUGE針型	UNIT台數
MACH 2S M183S08	8GG	10
MACH 2X 173	12GG	6
MACH 2XS 153	15GG	20
MACH 2X 153	18GG	20

### 仿梭織花型機 INLAY KNIT

SVR 123 SP	14GG	12
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### 全成型生產週期 3DKnit LEAD TIME

3DKnit PROTO TYPE 全成型初樣	12 DAYS
3DKnit SALES SAMPLE 全成型銷樣	2-3 WEEKS
3DKnit BULK PRODUCTION 全成型大貨	45 DAYS
3DKnit MINIMUM 全成型起訂量	50 PCS/TYPE

### 仿梭織生產週期 INLAY KNIT LEAD TIME

SVRSP PATTERN SWATCH 仿梭織提花布樣	3 DAYS
SVRSP PROTO TYPE 仿梭織提花初樣	12 DAYS
SVRSP SALES SAMPLE 仿梭織提花銷樣	25 DAYS
SVRSP BULK PRODUCTION 仿梭織提花大貨	55 DAYS
SVRSP MINIMUM 仿梭織起訂量	50~150 PCS/COLOR

什麼是3DKnit？3DKnit註冊商標是意創坊擁有的專業無縫針織技術及永續發展的專利保證。

3DKnit使用一體成型無縫針織技術，結合專業編程設計的導入，由一根紗線進行編織，下機即為一件完整的針織服裝。

紡織行業為僅次於石油的全球第二大污染產業，高占比的廢水和碳排放量，3DKnit產品由一體成型無縫針織機台織造，源自於日本一雙手套的革新技術，全自動化生產，僅需人工提前設定參數。

一般針織服裝的織造過程是先分別編織前身、後身、左右袖及衣領後進行縫合，而意創坊所使用的一體成型機台是先繪製編織工藝之後，將編織程式傳送到一體成型機台，再由專業人員進行紗線作業及參數設定，機器會根據編織程式進行全自動化的編織，其編織過程不需進行任何剪裁及縫合。

3DKnit不僅代表的是一個革新技術，同時也因生產工序的突破，生產過程中幾乎零廢料產生，意創坊跟隨母公司錦祥集團對環境保護及永續發展的堅持，致力於改善並降低紡織產業的污染產生，進而達到地球永續發展及企業社會責任的承諾。

What is 3DKnit? 3DKnit registered trademark is the patent guarantee of professional seamless knitting technology and sustainable development owned by Yarns & Colors International Co., LTD.

The best in innovative knitting technology, 3D knit combines its knitting technology and programming design to knit a completed garment.

3Dknit specializes in sustainable development by reducing pollution and eliminating wasted energy.



**3DKnit**  
3D針織 無縫智造  
Knitting a Better Future.



**3DKnit**

由專業的編程設計製圖到完成一件衣服，無縫接軌。  
傳統的針織服裝經剪裁縫製而成，而3DKnit的智能全自動化編程，在生產工序上技術革新的突破，減少並降低紡織產業的污染，對環保及永續發展做出極大貢獻。

3DKnit is one of the best in innovative knitting technology. It combines professional programming design with seamless knitting to create knitwear in one piece.

While reducing pollution and waste generation in the textile industry, 3DKnit continues to make great contributions towards environmental protection and sustainable development.

-  AI PRODUCTION  
智能生產
-  ACCELERATED DELIVERY PERIOD  
加速交期
-  MINIMAL USE OF RAW MATERIALS  
最低限度使用原料
-  RECYCLABLE SEAMLESS KNITWEAR  
無縫針織可回收
-  REDUCING CARBON DIOXIDE EMISSIONS  
減少二氧化碳排放量
-  WASTE-FREE 3D KNIT PRODUCTION  
減少紡織廢棄物
-  AQUATIC PRODUCTION  
無水生產

**YARNS & COLORS**





### 社會責任

Spinning A Better Future是我們母公司—錦祥集團的初衷與經營願景，也是意創坊成立的原因之一。因為唯有與環境共好，才能使生活更美好，這是我們對環境永續發展不遺餘力的堅持，從環保原物料的引進、改善生產流程、降低生產污染、節能減碳等，都是我們不斷努力的證明。

### Socially responsible

Spinning A Better Future is Yarns & Colors Group's vision and one of the main purposes behind the establishment of Yarns & Colors international Co., LTD. The introduction of environmentally friendly raw materials, the improvement of production processes, the reduction of production pollution, energy conservation and carbon reduction, are all proof of our unremitting persistence and continuous effort in sustaining our environment.



### 永續發展

紡織廢料的產生，造成地球日益嚴峻的污染產生，而3DKnit在織造過程中使用最少量的原料織造出無縫針織服裝，實現不浪費資源，大幅減少紡織廢片產生，而意創坊從紗線開始選擇「環保」類型的素材，在織造的過程中同時可節水、節能、減廢等，將紡織廢料污染降到最低，讓環保可以兼併時尚共存。

### Sustainable development

By decreasing the amount of raw materials to produce our garments, 3DKnit helps to reduce the generation of textile waste pieces. Choosing environmentally friendly materials can save water and energy while also minimizing the pollution of textile waste allowing fashion to comfortably coexist with environmental sustainability.

COOPERATION BRAND



CONTACT

TEL : +886-2-26973963

E-mail : yci\_tw@yarnscolors.com

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a Better Future*



**YARNS & COLORS**