



# [X-Cotton Manual]

How to Use X-Cotton?

[sales@xcolorinternational.com](mailto:sales@xcolorinternational.com)  
[www.xcolorinternational.com](http://www.xcolorinternational.com)

T: +82-70-8676-0202  
Skype id : papafrog77

101-101  
SinheungJugongApt.  
SinheungDong, SujeongGu,  
Sungnam city, Gyunggi do,  
Korea

## What is X-Cotton?

X-Cotton is dyesublimation solution for cotton fabric. We invented precoating liquid which helps to dyesublimate various types of fabric from cotton to blended fabrics. Our product is water-based and eco-friendly.

By using X-Cotton, conductivity can be improved while it generates vivid color. Furthermore, X-cotton protects against fading in washing and light.

To coat on fabric, silk screen method should be applied. X-cotton can be utilized either in small production or mass production. Our product is available for cotton fabric, clothes, TR, TC, CVC. It can also be adopted to black t-shirt, still it produces brilliantly colored images.

Our X-cotton is a new solution for printing on cotton fabrics. It is optimal when Xcolor RIP Software and Xcolor Inks are used together.

### Benefit of X-Cotton

	X-Cotton	Silk screen	Reactive printing	DTG printing	Transfer Paper
Price	○	○	×	×	×
Small quantity production	○	×	×	○	○
Mass Productivity	○	○	○	×	×
Color development (Vivid color)	○	○	○	×	○
Color fastness to washing	○	○	○	×	×
Eco friendly	○	×	×	○	×
Softness	○	×	○	○	×
Printing area (whole area printing available)	○	×	○	×	×
Productivity	○	○	○	×	×
Cost for printing A3 image(USD)	0.5	0.8	2	2	3

# Instructions

---

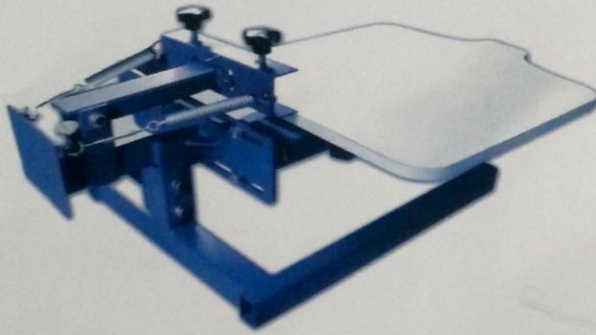
## Process

1. First shake coating liquid bottle enough to mix, or when using large quantity then stir with stick or mix motor.
2. Be ready for silkscreen process. Set silkscreen frame.(mesh counts 150~200) Likewise water-based silk screen ink does, you should spray the frame with water and wipe it since X-cotton is water-based, too.
3. After squeezing, dry it fully enough. More than 302°F(150°C) heat has to be applied. We recommend to use dryers or conveyor dryers. If you produce small quantity, press heat at least 10 seconds to dry out moisture, or air-dry it at least 10 minutes.
4. Confirm the area which has coated, then dyesublimate on coated area. (356°F(180°C) degree for 45 seconds is recommended) Cut the edge of the dyesublimation paper appropriately as possible and be careful not to apply too much heat to avoid from color change such as yellowing.
5. Sunlight endurance and washing fastness could be diminished with normal sublimation inks. To solve the problem, please use our product, 'Xcolor Ink' , which is for dyesublimation and makes fine quality outputs.
6. We recommend to use dyesublimation paper, and it is important to adjust color for vivid color by RIP software. We are selling Xcolor RIP Software, so please check on our website.  
([www.xcolorinternational.com](http://www.xcolorinternational.com))
7. You can also use X-Cotton to blended fabric. It enhance sunlight endurance, washing fastness, and more vivid color. But you need to test for blended fabric before mass producing; reducing time, raising heat(392°F(200°C) degree for 30~40 seconds is recommended for T/C, T/R, CVC and etc.)
8. For SOHO workers, we have single-frame silk screen press in stock. Please refer to the image attached below, and ask us for detailed information through email.  
([sales@xcolorinternational.com](mailto:sales@xcolorinternational.com))

## Caution

1. Washing T-shirt with cold water. (Default washing machine option is 100~140°F (40~60°C) degree, you must change as using cold water. ) And make t-shirt inside out.
2. Do not iron on T-shirt, if you wish, then must using paper between iron and T-shirt.
3. If you wash T-shirt your own hand, do not washing hard.

# 1 COLOR SCREEN PRESS WITH ADJUSTABLE PALLET INSTRUCTION MANUAL



Based on the needs of the consumers and market, our company R&D this kind of 1 color screen press with adjustable pallet, which is easy operated but with very low cost and is especially suitable for single color T-shirt printing.

By using this machine, with its adjustable pallet, you can print many images at the same time.

Just put the substrate on the pallet, adjust the screen to a suitable position and then apply the first image printing. Then adjust the pallet to a suitable position for apply another image printing by moving it all around because the adjustable pallet can be adjusted, from forward to backward from left to right. It's very easy and convenient.

## Applications

? This machine is specially designed for one color T-shirt screen printing because of its dedicated T-shirt pallet which can guarantee the accurate positioning and good printing effect.

? It can also be applied to printing on substrates which need overprinting, such as pillowcase, bag, non-woven bags and so on. The user can only change the pallet according to the substrates to satisfy the needs of different kinds of printing and it is easy to dismantle the pallet.

## Main Features

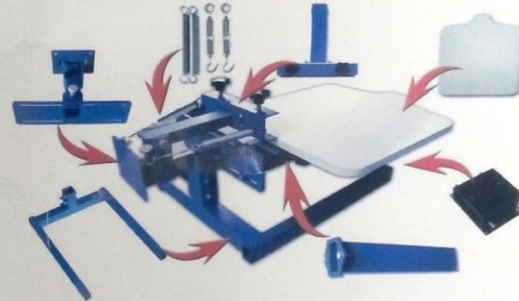
- The pallet is adjustable; It can be adjusted from forward to backward from left to right.
- It's overprintable which is especially suitable for printing onto t-shirt, pillowcase, bag, non-woven bags and so on.
- Special design of spring devices in screen adjusting up and down makes it easier for the user operations according to the sizes and weight of the screens, which guarantee a proper spring intensity to avoid squeegees expelling and inks splashing in higher intensity and screen unfixing because of higher weight of screen frames and squeegees in loose intensity.
- Screen clamp can be moved up and down, which is suitable for screen frame within 1.8" (4.5cm) thickness.

- ? It adopts full metal structure with parts of stainless steel materials, which is in advanced electrostatic spraying, elegant appearance, convenient in cleaning and no rust.
- ? Composite structure & excellent packaging for convenient transportation.
- ? Equipped with installation video, manual instruction, full set installing and maintenance tools and spare parts.

## Parameters

- Pallet Size: 17.7"x21.7" (45x55cm)
- Net Weight: 33Lb (15kg)
- Gross Weight: 38Lb (17kg)
- Package Size: 24"x20"x11" (60x50x28cm)

## Installation Instruction



## PACKING LIST OF 1 COLOR SCREEN PRINTING PRESS WITH REMOVABLE PALLET

It includes 1 package; please check the followings before installing (1, CD; 2, Instruction; 3, Package List)

Name	Unit		Picture
Mainframe 1	Set	1	
Mainframe 2	Set	1	
Mainframe 3	Set	1	
Screen frame chuck	Set	1	
Platen Bracket	Set	1	
Pallet 17.7"X21.7" (45*55cm)	pc	1	
Spring	pc	1	
Turn-buckle	pc	1	
Platen Screw	pc	1	
Tool	Set	1	