

# New Technologies and Techniques for Garment Decoration

<https://marketpublishers.com/r/N31701C343CEN.html>

Date: October 2012

Pages: 33

Price: US\$ 785.00 (Single User License)

ID: N31701C343CEN

## Abstracts

Manufacturers are using a wide range of creative and ingenious decorative techniques to add value to their fabrics. The development of these new decorative techniques has been facilitated partly by recent innovations in garment decoration technology. As a result, the range of economical design options for designers and manufacturers has been widened. These innovations have centred around machinery for: direct to garment digital printing; sublistatic printing; embroidery; conventional sewing; embellishment attachment; heat transfer; and laser decoration. Additionally, interesting advancements in electronic textiles have taken garment decoration beyond the field of aesthetics by enhancing the functionality of garments for their wearers. This report discusses recent developments in garment decoration techniques and includes detailed descriptions of new technologies and machinery.

## Contents

### **SUMMARY**

### **INTRODUCTION**

Conventional sewing  
Direct to garment digital printing  
Embellishments  
Embroidery  
Heat transfer  
Laser decoration

### **DIRECT TO GARMENT DIGITAL PRINTING**

Advantages and disadvantages of digital printing technology  
Examples of innovative digital direct to garment printing machinery  
AnaJet USA: mPower  
Brother: White Ink GT-782  
Brother: GT-3  
DTG Europe: DTG Digital M2  
DTG Europe: DTG Xpress  
Sublimation printing

### **EMBROIDERY**

Examples of innovative embroidery machinery  
Barudan: BEVX-HLCLZ1104  
Happy: HCR-1508  
Hirsch International: SEIT  
Melco Industries: Amaya XT  
SWF East: SWF K-UH1506D-45  
SWF East: Dream Machines  
Tajima: TFMS  
Toyota: Expert ESP9100Net  
ZSK Stickmaschinen: ZSK-Sticktronic

### **CONVENTIONAL SEWING MACHINERY**

Examples of innovative sewing machinery  
Kansai Sewing Machinery Company: DFB BX series  
Reymatex: SW-10412Pmr  
ViBeMac: Double Colour Technology  
ViBeMac: 1010V4DCS  
Weixiang Machinery: W-A118XXL3-16

## **PLEATING**

Examples of innovative pleating machinery  
Anne Selby: Complete Arashi Shibori  
Clerici: Clemipiega Soleil  
Clerici: Soleil P30  
Clerici: Clemipiega Fantasy 320

## **RHINESTONE, SEQUIN AND STUD EMBELLISHMENTS**

Examples of innovative rhinestone, sequin and stud attachment machinery  
All American Manufacturing and Supply Company: AASP-300  
Gemfix: Gemfix 5550  
Nagel & Hermann: Sequinlibero  
Nagel & Hermann: Sequinmachine

## **LASER DECORATION FOR DENIM APPLICATIONS**

Examples of innovative laser decoration machinery for denim applications  
Epilog: Zing Laser Starter Series engraving line  
Iberlaser: Laser Tube  
Laser Systems Technology: IrCure

## **CHEMICAL SPRAYING AND MULTIFUNCTIONAL DENIM**

### **DECORATION**

Examples of innovative chemical spraying and multifunctional denim decoration machinery  
VAV Technology: Picasso SS 330  
TPM Germany: multifunctional denim decoration machinery

## **ELECTRONIC TEXTILES**

Fraunhofer Institut and TU Berlin: interactive dress

King's Metal Fiber Technologies: smart garments

King's Metal Fiber Technologies: Fabric speakers

Sensing Tex: Luminous Tex optical fibres

Luminous EI Tex: electro-luminous plastic sheet and wires

Fabric King: washable optical fibre and LED technologies for use in textiles and garments

Diffus: The Solar Handbag

Diffus: The Climate Dress

## I would like to order

Product name: New Technologies and Techniques for Garment Decoration

Product link: <https://marketpublishers.com/r/N31701C343CEN.html>

Price: US\$ 785.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N31701C343CEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970