Mimaki

Application example

On a variety of fabrics, short-run, any location and easy...
TRAPIS Supports for all involved in the textile productions.

TRAPIS
Transfer Pigment System

Textile Printing made Incomplex

Friendly to the environment and people, next-generation textile printing system

Interior Decoration

Curtains (Linen / Nylon)

TRAPIS enables printing on a veriary of fabrics wth a single system, and supports in-house productions insituations where a various types of fabric are used for different functions and applications.

Furniture coverings (Hemp / Spandex)

Even a few meters of fabrics can be easily patterned and can be made from a single set. Even printing on elastic fabrics requires no special skills.

Fashion Apparel

Jacket (Cotton-Polyester / Cupro)

Being able to produce apparel made of different fabrics on front and back sides.

Bag & Pouch (Canvas / Polyester)

The same product can be easily produced by simply sharing a sesign even if the location are far apart. TRAPIS produce what you need, where you need it, in the quantiry you need,with no waste.

■ Software

Textile RIP Software for Apparel and Interior Applications

TxLink4
More Advanced Textile RIP Softwate for Professional Use

- Parallel RIP improving production efficiency
- 16-bit rendering for smoother gradation expression
- Possible to add logos, seam allowance and barcode etc. by Image add-on function

Mimaki

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Textile printing system that anyone can easily print and installable anywhere

Printer + **Dedicated Ink** + **Dedicated transfer paper** + **Dedicated heat press**

Simple processes, easy for everyone. Designs you want now, take shape now.
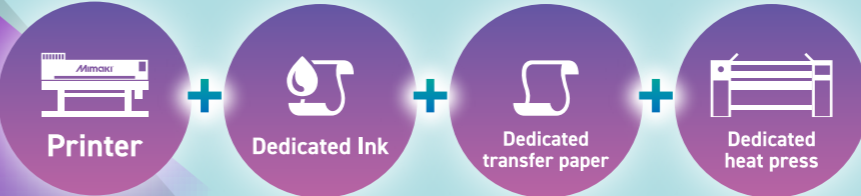
TRAPIS System Configulation

That's all you need! Start textile printing easily, on multi-variety fabrics with no expetise.

1 Print (Dedicated Transfer Paper & Dedicated Ink)

2 Transfer (from the Paper to Fabric)

TS330-1600

Print

Transfer +

Final Product

Dedicated Ink
M C Y K
R G B Lk

Transfer machine

Transfer

Complete

M C Y K
R G B Lk

Print

⟨Application example⟩

Features

Creativity

A single system - multi variety of fabrics

TRAPIS allows textile printing on a wide variety of textiles with only one type of ink. It can be used not only as a main textile printing system, but also as subsystem forlarge-scale textile printing facilities.

Operability

Simple textile printing, start anywhere

TRAPIS can be installed by only small space and power supply. The process consistes of only2 steps, print and transfer, and can be operated by anyone. No special expetise or skills are required.

Sustainability

Friendly to environment

TRAPIS is a transfer printing system, occurs no wastewater.Its conpact system enables short-run, multi variety production in various region of the world, contributes to reduction of inventory dosposal and CO2 emmission.

Use no fabric conveyor belt
No chemical use, easy maintenance

TRAPIS is a transfer print system, no fabric conveyor in use like a traditional dye printing, making maintenance very easy. No strong chemical are used - secure operator's safety.

*Fabric conveyor belt maintenance in our conventional textile printer.

Printer

Inkjet Printer

TS330-1600
*Special firmware is required due to the use of dedicated ink

Power	Single-phase AC100-120/200-240V±10% 1,440W x 2 or less
Interface	Ethernet 1000 BASE-T(Recommend)/ USB2.0 Hi-speed
Dimensions / Weight	W3,170 x D820 x H1,305mm(124.8 x 32.3 x 51.4")/ 240kg(529.1lb)

■Two options(sold separately) must be installed to use as TRAPIS.
① OPT-J0562 / TP Ink Heater Unit 1600
② OPT-J0359 / AMF160 kit

Ink

Ink
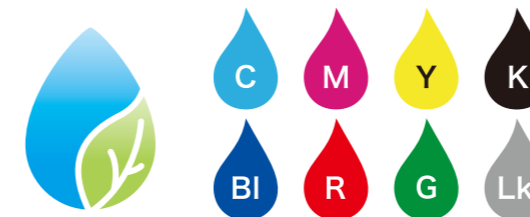
TP410 Textile pigment ink

The 8-color set expresses a wide range of colors. Compared to conventional textile pigment printing, it achieves the same color reproduction with less ink usage. It is also a safe and environmentally friendly product that conforms to ZDHC MRSL Lv.3*.

C M Y K
Bl R G Lk

PN	TP410-xx-2L(xx denotes color code)	
Color	C Cyan M Magenta Y Yellow K Black	BL Blue R Red G Green LK Light Black
Capacity	2L Ink pack	

*ZDHC is a non-profit organization based in Amsterdam, the Netherlands, that works to eliminate the emission of hazardous substances in the textile and leather industry. There are MRSL conformity levels, the highest being Level 3.

Transfer paper

Pigment transfer paper (Dedicated paper)

TC115-1450 Mimaki Texcol paper

Dedicated transfer paper with a special coating on its surface for textile pigment ink transfer. Prints efficiently with less ink usage. ECO-PASSPORT certification is planned, it has proven to be highly safe and can be used for a variety of textile application.

PN	MTW-115-145-110
Size / Weight	W1,450mm x L110m(57.1" x 360.9')/ Approx. 19kg(41.9lb)
Paper core diameter	3 inch
Basis weight	115g/m²

Transfer machine

Transfer machine (Recommended)

Higher pressure transfer macine for TRAPIS

Please contact Mimaki's sales office or distributors for compatible manufacturer and product models.