

Application example

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

Interior Decoration



Curtains (Linen / Nylon)

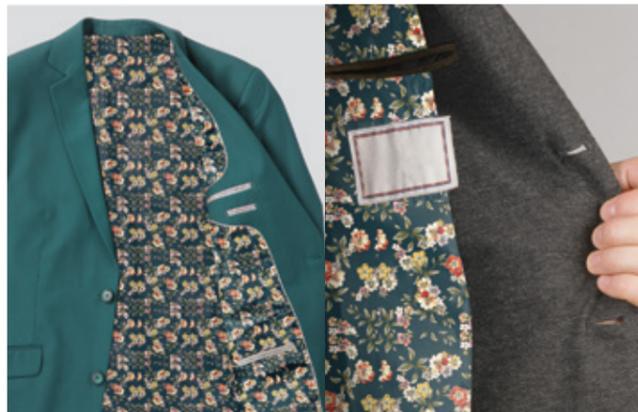
TRAPIS enables printing on a variety of fabrics with a single system, and supports in-house production situations where a variety of types of fabric are used for different functions and applications.



Furniture coverings (Hemp / Spandex)

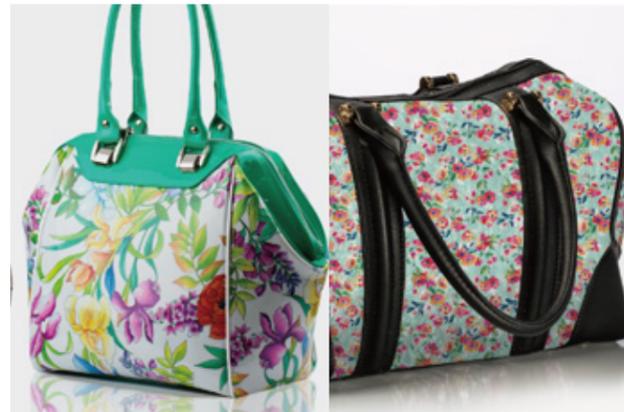
Even a few meters of fabrics can be easily patterned and can be made from a single set. Even printing on elastic fabrics requires no special skills.

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 design even if the locations are far apart. TRAPIS produces what you need, where you need it, in the quantity you need, with no waste.

Software

Textile RIP Software for Apparel and Interior Applications

TxLink4™

More Advanced Textile RIP Software 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

● Some of the samples in this catalog are artificial renderings. ● Specifications, design and dimensions stated in this catalog may be subject to change without notice (for technical improvements, etc). The corporate names and merchandise names written on this catalog are the trademark or registered trademark of the respective corporations. ● Inkjet printers print using extremely fine dots, so colors may vary slightly after replacement of the printing heads. Also note that if using multiple printer units, colors could vary slightly from one unit to other unit due to slight individual differences. ● The specifications described in this catalog are as of April 2025.



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For
TEXTILES &
APPAREL



TRAPIS

Transfer Pigment System

Textile Printing made Incomplex

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



Textile printing system that anyone can easily print and installable anywhere



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

TRAPIS System Configuration

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)



<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 for large-scale textile printing facilities.



Operability

Simple textile printing, start anywhere

TRAPIS can be installed by only small space and power supply. The process consists of only 2 steps, print and transfer, and can be operated by anyone. No special expertise or skills are required.



Sustainability

Friendly to environment

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

**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

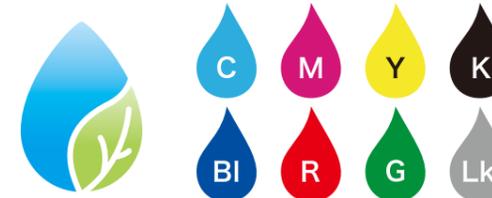
TS330-1600

*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.
 - OPT-J0562 / TP Ink Heater Unit 1600
 - OPT-J0359 / AMF160 kit

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*.

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/m ²

Transfer machine



Transfer machine (Recommended)

Higher pressure transfer machine for TRAPIS

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