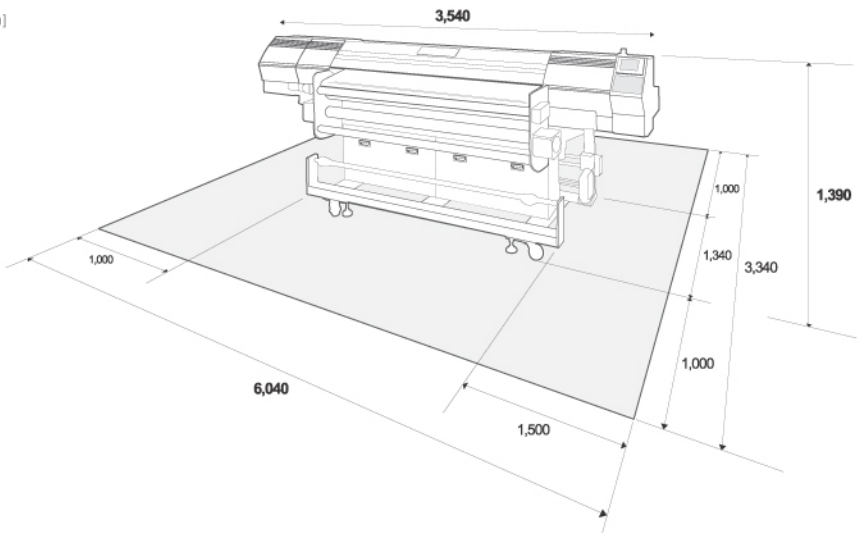
Artrix

The professional Digital Printer for all kinds Textile including chiffon and 2-way spandex.

MODEL	d·gen 748TX/Be		
Maximum Printing Width	210 ~ 1,879mm		
Printing Method	Piezo Inkjet		
Printing Head / Color	4 x 2, 8 x 1 color		
Maximum Resolution	1,440 x 1,440 dpi		
Printing Speed		8-Color Printing	4-Color Printing
	Draft Mode	28㎡/h, 450 dpi, 2 pass	57㎡/h, 450 dpi, 2 pass
	Production Mode	19㎡/h, 540 dpi, 3 pass	38㎡/h, 540 dpi, 3 pass
	Quality Mode	14㎡/h, 720 dpi, 4 pass	28㎡/h, 720 dpi, 4 pass
	High Quality Mode	7㎡/h, 720 dpi, 8 pass	14㎡/h, 720 dpi, 8 pass
Media Feeding System	Belt Type (Feeding all the Fabrics Including 2way-Spandex without Curvature)		
Fabric Thickness	Height Adjustment Max 53mm		
Head Height Adjustment	3mm, Fine Adjustment		
Printing Precision Level	0.3mm, 0.3%		
Ink Feeding System	1 or 2Kg per Color Big Ink System		
Head Cleaning	Automatic and Manual Head Cleaning		
Ink Types	Reactive Dye Ink		
	Acid Dye Ink		
	Disperse Dye Ink		
	Pigment Ink		
Interface	Ethernet 10 Base-T		
Outside Dimensions	W 3,540mm x D 1,340mm x H 1,390mm		
Power	Belt System: AC 380V, 3-Phase+ N+PE, 15A, 50/60Hz		
	Print Mode: AC 220V, Single-Phase, 2A, 50/60Hz		
Operational Environment	Power On - Temperature: 16 ~ 24℃ / Humidity: 40 ~ 65%		
	Power Off - Temperature: 10 ~ 50℃ / Humidity: 20 ~ 60%		
Weight	1,150Kg		

Setup Space [unit : mm]



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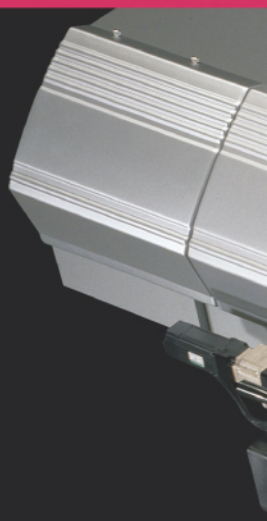
The professional Digital Printer for all kinds Textile

The most advanced digital textile printer fitted with adhesive blanket technology

d·gen Artrix offers a belt type feeding system that is able to print on any kind of fabric including strong elastic fabrics such as 2-way spandex



The true Digital Textile Printer dedicated to all kinds of fabric including chiffon and 2-way spandex

1 **Run-ability:**
Equipped with a stable solution (Printer, Ink, Software), d·gen Artrix provides you with high productivity without any loss in mass production or strike-off.

2 d·gen Artrix produces unique fine quality samples for each individual customer in a short time.
When printing less than 1,500㎡ by d·gen Artrix, the production cost is even lower than traditional screen printing.
Digitally printed samples can even produce traditional textile prints.

3 The belt type feeding system with adhesive blanket technology utilizes a stable fabric feed to achieve unattended printing available on not only chiffon, cotton, silk but also strong elastic 2-way spandex.

4 The belt operation mechanism of d·gen Artrix can be re-used when new printing units are released by d·gen providing professional manufacturers with economical efficiency.

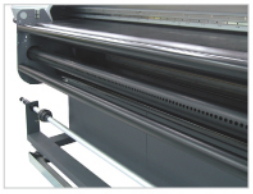
Main Features

State-of-the-art "8 heads printing"

d·gen Artrix boasts the most advanced 8 heads printing configuration, which provides millions of color varieties using 8 color modes or dual 4 color modes and a maximum print speed of 28㎡/hour at 720dpi resolution.

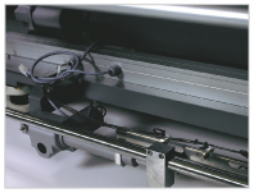
Wrinkle Free Expander

The Wrinkle Removal Expander eliminates the edge rolling of elastic fabrics like 2-way spandex and provides even-feeding from the beginning to end of the printing process.



Fabric Heater

All kinds of fabric drying by temperature control (Hot/Cold) are enabled to suit the characteristics of any fabric.

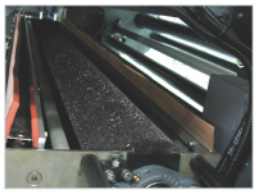


Fabric Feeding Position Controller

Enables fabric rolls to be fed in correct position depending on the various widths of fabric rolls.

Large Volume Ink Feeding System

The Bulk Ink Feeding System consists of 8 color combinations with a maximum 1 kg/color or double 4 color combinations with maximum 2kg/color, enables ink refills during printing without getting your hands dirty.



Belt Cleaning System

The Belt Cleaning System eliminates contaminants from the rear side of thin chiffon and mesh media with holes. Thus not only removes the shag and fluff from media on the surface of sticky belt, it also prolongs the adhesiveness of sticky belt.

Artrix

d·gen Digital Studio

d·gen dDS - innovative printing operation management software - implements the most desirable color representation and perfect reproduction support not only for traditional printing specialists but also for digital printing beginners. It controls color systematically and numerically so that you can get the exact color you want. Furthermore, dDS simulates and reproduces digitally printed samples in a traditional production methods.

d·gen Textile Ink

Optimized for d·gen Digital Textile Printers, d·gen Textile Ink features stable ink flow without any clogging even in high speed printing of more than 100㎡ per hour. It realizes superb run-ability without any loss of media, labor or time.

Offers a Variety of Business Opportunities

With high productivity, d·gen Artrix can print directly on all kinds of fabrics without any curvature that can produce strike-off within the shortest time. In addition to known applications like luxury suits, scarves, neckties, bags, sportswear, stage costumes, automobile seat covers, and interior decoration, Artrix will bring you unimaginable variety in new business opportunities.