

Racing on Fabric

adapto
expansion

soft
signature

home
interior

home textile

high
fashion



No coating and steaming using pigment inks with d.gen's new way of digital textile printing.

One of the first companies who finally made it!

Possible to relocate your production site into the urban area.

The greatest colors and fastness with d.gen's all-in-one coating and post processing units.

d.gen is proud to be one of the first companies in the world to commercialize in the textile printing business, featuring waterless and low energy consumption.

*Thanks to d.gen,
digital textile printing becomes easier than ever.*

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MADE IN KOREA



138m²/hour

8 different colors in many
ink types

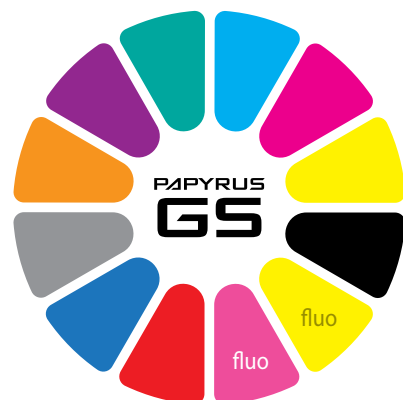
Over a 40% of
cost reduction

PAPYRUS G5

"the game changer comes now with 6 colors"

Just a single Papyrus G5 can produce up to 2,500m²/day

1,000m long roll feeding unit and a 5kg per color ink supply system combined with an overnight production, is possible to reach a 2500m²/day productivity like an industrial printer.



138m²/hour high speed productivity printing and a superb run-ability

- 1280 nozzles/color and 10.8cm printing band width, Papyrus G5 can run at 138m²/h with a native 600dpi high resolution print head.
- Non-stop printing and superb run-ability allows a 24/7, 365 days production.

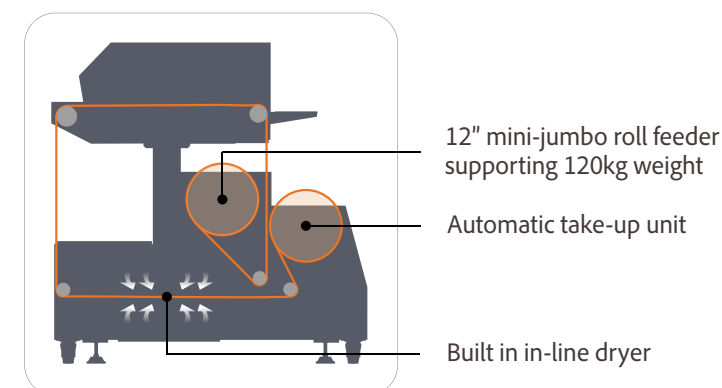
Printer for a low cost production

- Over 40% lower production cost compared to other printers.
- Possible to use of a low weight transfer paper in mini jumbo rolls and a low consumption high density d.gen inks.

6 colors printing for eye-catching vivid colors

- Papyrus G5 meets today's trends in the sportswear, flag and banner industries.
- Prints deeper blacks, rich reds, fluorescent colors, purples, etc.

Papyrus G5 workflow diagram



	Papyrus G5 / H6	Papyrus G5 / H4
Max. printing width	1,880mm	
Print speed	600 dpi	138 m ² /h
	900 dpi	102 m ² /h
	1200 dpi	78 m ² /h
Print head	native 600 dpi, 7 pl/ dot. 8 level grey scale	
No. of colors	6 colors	4 colors
No. of heads	6 heads	4 heads
ink	sublimation ink, graphic pigment, pigment	
Color of ink	C, M, Y, K, fluorescence Yellow, fluorescence Pink, LcLm	

ARTRIX

Professional digital printer with the most economic way!

- Professional digital textile printer equipped with a sticky belt and a belt washing system.
- Can print on all kinds of knitted and woven fabrics.



Specifications

Max. printing width : 1,850mm
 Print head : native 600 dpi, 7pl/ dot. 8level grey scale
 No. of colors : 8 colors
 No. of nozzle / colors : 1,280 nozzle
 Fabric feeding system : Sticky belt type
 Recommended Fabric : Knit, Span, Woven
 Textile inks : Textile pigment ink , Reactive dye ink, Disperse dye ink, Acid dye ink

Printing Speed	
900 dpi	92 m ² /h
1200 dpi	72 m ² /h
1800 dpi	50 m ² /h
2400 dpi	38 m ² /h

ARACHNE HEXA

The world's most economic printer that prints directly on fabrics

- d.gen's patented roll to roll feeding system for direct printing makes possible direct printing on all kinds of woven fabrics and low elastic fabrics.
- Can print on cotton, rayon, poly and blended fabrics using genuine d.gen inks.



Specifications

Max. printing width : 1,880mm
 Print head : native 600 dpi, 7pl/ dot. 8level grey scale
 No. of colors : 6 colors
 No. of nozzle / colors : 640 nozzle
 Fabric feeding system : roll to roll type
 Recommended Fabric : Woven
 Textile inks : Textile pigment ink , Reactive dye ink, Disperse dye ink, Acid dye ink

Printing Speed	
900 dpi	52 m ² /h
1200 dpi	40 m ² /h

Pigment ink for all,

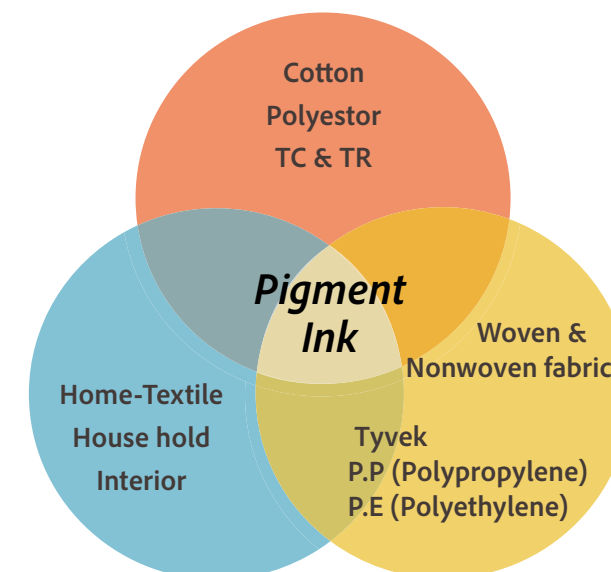
Printing on fabric without coating and steaming!

It becomes possible with textile pigment inks.

- No coating and steaming using a digital printer and pigment inks on cotton, rayon and even blended fabrics!
- Since 2010, d.gen has been supplying outstanding digital textile pigment inks.
- Vivid colors and excellent fastness without getting your print head's nozzles clogged!
- Low energy consumption with waterless printing and digital textile pigment inks.
- Possible to relocate your production site to the urban area.

all for pigment ink

- Home Textile
- Beddings / Curtain / Blinds
- Wall paper / Wall Coverings
- Shades & Earning
- Tents, Yacht Mast



- Cotton / polyester / Blended fabric (T/C, T/R)
- Viscose Rayon / Nylon
- Velvet / Micro fiber
- Knit / Spandex / chiffons

TELEIOS GRANDE/H6

More colors, more valuable machine

142m²/hour using 6 colors at a better price and performance than ever before!
It's design is simply beautiful. Colors now become more vivid using a 6 color system.

Teleios Grande for soft-signage

- Is the world's most installed 3.3m width digital textile printer.
- Creates richer blacks than coal and richer reds even than blood!
- Many competitors are trying to imitate d.gen, but none of them can beat us.

Teleios Grande for home textile

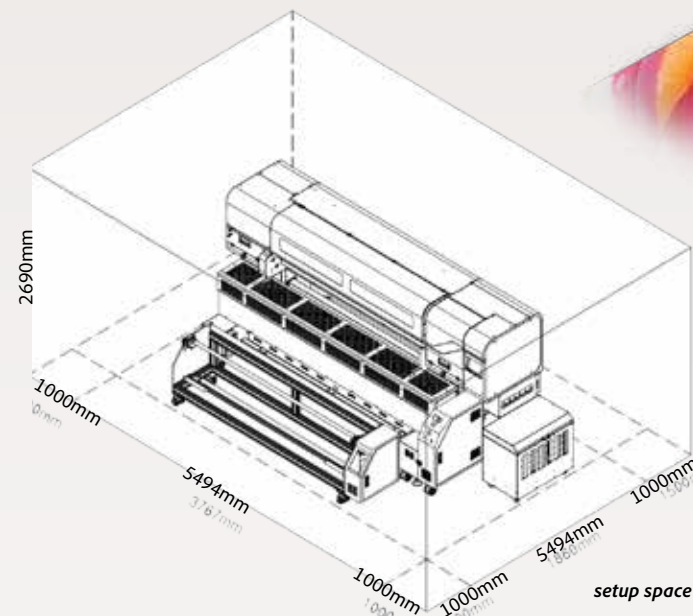
- Widely used in the home textile market.
- The best in many businesses such as bedding, curtain, blinds, sofa cover, etc.

Specifications

Maximum Printing width : 3,200 mm
Printing Head : native 600 dpi, 7 pl/ dot. 8 level grey scale
Maximum Resolution : 2400 dpi
No. of colors : 6 colors
No. of heads : 6 heads
No. of nozzle / colors : 1280 nozzles/color
Ink types : Disperse dye ink, Textile Pigment ink
External shape : 5,021 (W) X 1,447 (D) X 1,516 (H) mm
Power
Printer : 220V, 19A (4.2kw) + with Dryer
Fixation : AC 380V, 3phase + N + PE, ±10%, 23A, 50/60Hz(15kw)
Fume buster : AC 220 V, 3.4 A, 50/60 Hz

Speed: 142m²/h by 600dpi width 3300 mm

Target Printing Speed	600 dpi	142 m ² /h
	900 dpi	97 m ² /h
	1200 dpi	74 m ² /h
	1800 dpi	50 m ² /h



setup space



Patented textile feeding system

Easy and a great run-ability printing on most woven fabrics used for back-lit, flag, banners, bedding and curtains.



5kg/color continuous ink supply system

Designed to be refilled with inks while printing. Level of ink is easy to check visually or by sensor. Provided with a double filtering system to protect against harmful substances.



Using disperse dye and textile pigment inks
Teleios covers an ultimate range of applications



Soft-stignage for indoor and outdoor



Very easy to print on textile
just like printing on normal paper



Soft-signage on Textile

TELEIOS GRANDE GS



Specifications

Maximum Printing width : 3,300 mm
Printing Head : native 600 dpi, 7 pl/ dot. 8 level grey scale
Maximum Resolution : 2400 dpi
No. of colors : 4 colors / 8 colors
No. of heads : 8 heads
Ink types : Disperse dye ink, Textile Pigment ink
External shape : 5,900 (W) X 1,130 (D) X 1,750 (H) mm

Printing Speed	600 dpi	-	154 m ² /h
	900 dpi	-	119 m ² /h
	1200 dpi	154 m ² /h	90 m ² /h
	1800 dpi	119 m ² /h	61 m ² /h
	2400 dpi	90 m ² /h	46 m ² /h

TELEIOS HEXA

More colors, more speed for
“The original direct print and fixation”

- Able to expand the color gamut and reproduce eye-catching colors like rich reds, deeper blacks, royal purples, fluorescent yellows and pinks.
- Excellent penetration for great looking prints at both front and rear sides.
- Superb color-fastness and water-resistance for outdoor printings.

The world’s most installed printer in the soft-signage market

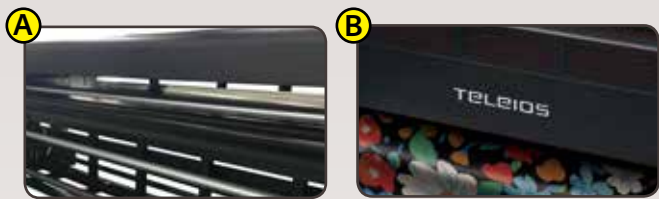
- State-of-the-art patented textile feeding system provides an easy and excellent run-ability.
- Excellent printing on woven fabrics and low elastic fabrics used for back-lit, flag, banners, bedding and curtains.

Soft-signage on Textile

- Eye-catching rich reds, deeper blacks and royal purple colors with our Teleios: the world’s most installed digital textile printer in the soft-signage market.

Superb fastness and water-resistance

- Excellent penetration and a superb colorfastness.
- Water-resistant flags will look great on both sides.

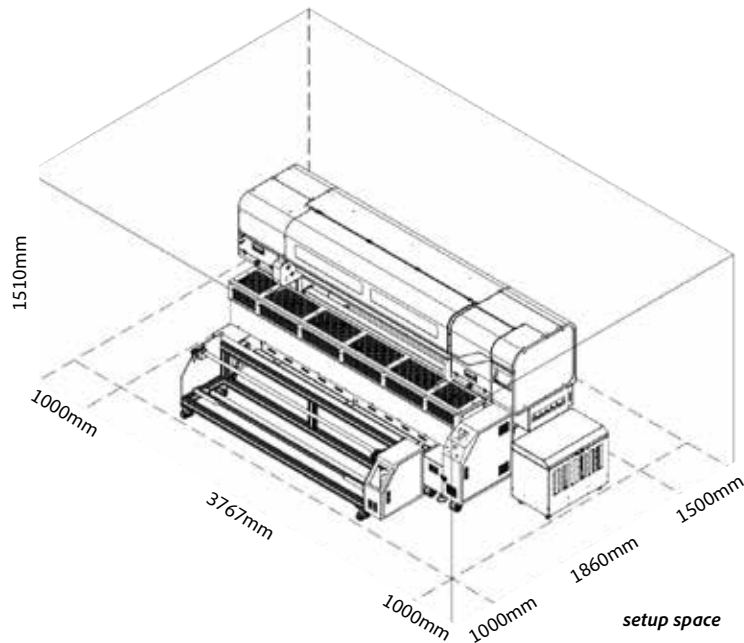


Patent textile feeding system

This state-of-the-art device provides an easy and excellent run-ability for printing on fabrics.

Heat-Fixation unit

Allows an uniform printing and fixing with no color differences between the front and the back side.



Specifications

Maximum Printing width : 1,880 mm
Printing Head : native 600 dpi, 7 pl/ dot. 8 level grey scale
Maximum Resolution : 2400 dpi
No. of colors : 6 colors
Prin band width : 5.4 cm
No. of nozzle / colors : 640 nozzles/color
Ink types : disperse dye ink
External shape : 3300(W) x 1500(D) x 950 (H) mm
Power
Printer : 220V, 2A (0.44Kw)
Fixation : AC 380V, 3phase (R+S+T+N+PE), 15A, 50/60Hz(9.87Kw)

Speed: 72m²/h by 600dpi width 1880 mm

Target Printing Speed	600 dpi	72 m ² /h
	900 dpi	52 m ² /h
	1200 dpi	40 m ² /h
	1800 dpi	28 m ² /h