Teleios

The Original Direct Printing & Fixation

True Digital Textile Printer
Featuring High Productivity and Great Economy !

d·gen

Speed up to **38**m²/h
by 540dpi, 3pass

Teleios

The Original Direct

Teleios

Increase your profit just like printing money !

Enjoy at full-productivity, without any loss !

Saving labor costs remarkably !

Easy to print textile just like printing paper !

1

The most installations in the soft-signage market

Teleios has great tact in printing fabric, such as flag and banner. Even very thin fabric, like chiffon, can be processed – no loss even in 24-hour long consistent printing.

2

High quality printing featuring eye-catching colors

Teleios can make a flag with vivid eye-catching colors like rich red, deeper black as well as brilliant purple featuring superb color-fastness, water-resistance and excellent penetration, for great looking prints, front and back.
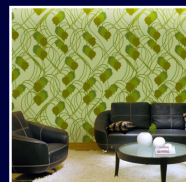
* Requires d.gen original ink and approved fabrics for optimal printing results.

3

Environment friendly !

The most green textile printing solution Teleios! During color activating, Teleios never use a drop of water. And it uses water-based ink which has neither smell nor toxic. Teleios is the most eco-friendly and the safest solution on the market.

4

Increased business opportunities !

By using d.gen Textile ink, Teleios can print on most fabrics such as silk, cotton, blend, microfiber, non-woven fabric like velcro as well as polyester to provide a variety of business opportunities including Soft-signage, Decorative Product and Home Textile like curtains, beddings and wallcoverings.

Large Capacity Ink Feeding System

The Large Capacity Ink Feeding System for 8-color (1kg/color) or 4-color (2kg/color) kit. This easy-to-use ink feeding system enables you to refill inks while printing without leaving nasty stains on your hands !

Heat Fixation Unit

Heat Fixation Unit allows Teleios to handle printing and heat-fixation at the same time. Automatically, embedded computer controls its heating speed and temperature in proportion to amount of jetted-ink. This in-line workflow enables you to go high-quality mass production efficiently.
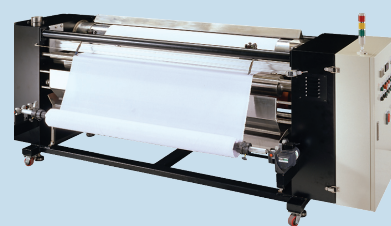
Textile Feeding System

The textile feeding system of the Teleios is a key component for good run-ability. This system allows for easy printing even on mesh, chiffon and flag & banner fabrics without curvature and twisting .

PM-180
(Pre-coating Machine)

PM-180, a high-speed pre-coating machine specially designed for polyester flags and banners. It has compact-size for small space users. PM-180 can instantly dry the pre-coated polyester and trim its edges away so that users can immediately print the pre-coated polyester.

HC-200 (Heat Cutter)

HC-200 is a device for trimming and cutting of polyester. With easy operations and compact design, HC-200 can be installed in a small space. Also users can easily set optimal cutting condition up to 45 liner m/h depending on media types. The position sensor allows precise cutting. HC-200 can make the maximum 3 individual free size pieces automatically. And it trims each piece neatly.

Fumebuster

d.gen Fumebuster, with a powerful suction function, can absorb and filter fume, which consist of most likely vapor and a few dust, emanating from heat fixation process. It allows Teleios to work in a small indoor space.

d.gen Fumebuster filters can be reused by washing with water every 3~6 months(Some filters need to be replaced every 3~6 months)

* Images are for display only. The Teleios is not intended to print on paper or print currency of any kind.

Want to get the competitive edge?

The solution for cutting labor costs.

Printing without any loss of production!

Teleios V8/74

Speed up to 38 m²/h by 540dpi, 3pass

- Optimum for professional printing provider
- True digital textile printer with best performance

Teleios 54

Speed up to 19 m²/h by 540dpi, 3pass

- Optimal sampling strategy for in-house users or designers
- Special digital textile printer with price performance

Printing & Fixation

d·gen Teleios

•*Expand your color gamut and have eye-catching color like true red, deep rich black and brilliant purple.
•*Excellent penetration for great looking prints front and rear.
•*Superb color-fastness and water-resistance outdoors.

• Enjoy at full-productivity, without any loss !
• Saving labor costs remarkably !
• Easy to print textile just like printing paper !

* Requires d.gen original ink and approved fabrics for optimal printing results.
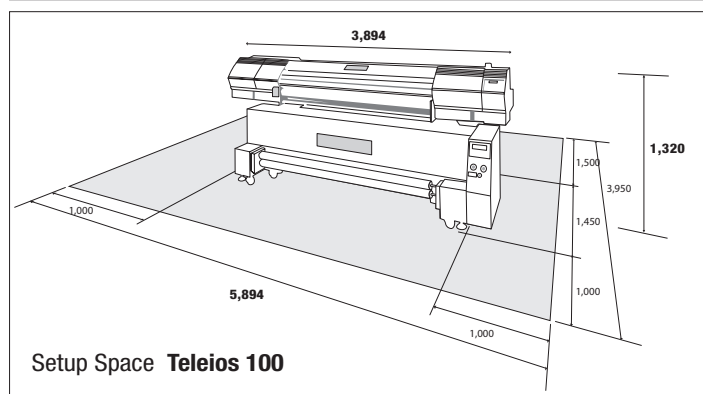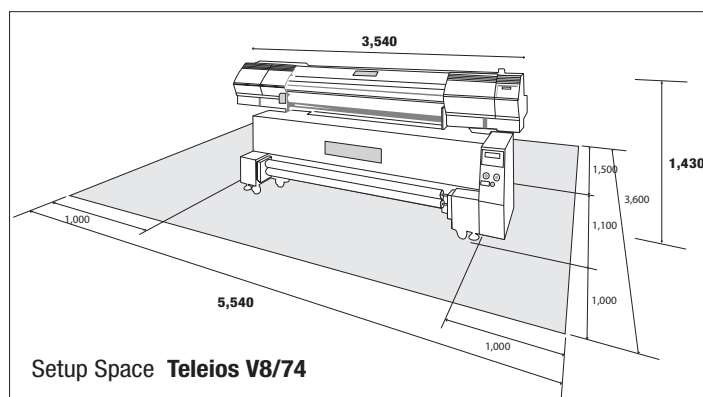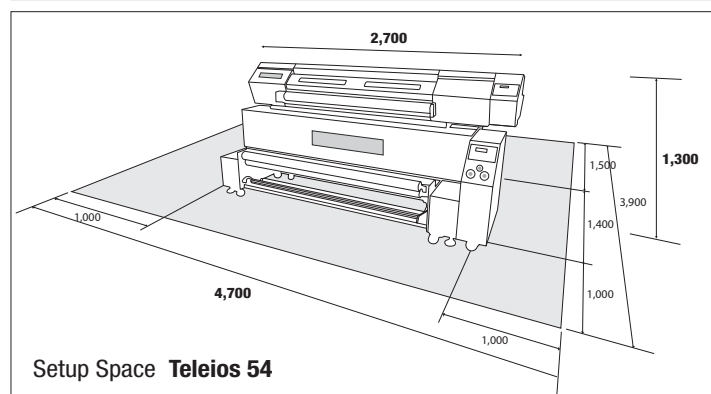
Teleios

MODEL	Teleios V8/74		Teleios 54	Teleios 74	Teleios 100
Maximum Media Width	1,879 mm (74 in.)		1,371 mm (54 in.)	1,879 mm (74 in.)	2,641 mm (100 in.)
Printing Method	PIEZO Inkjet method				
Print Color	4 × 2 Color, 8 × 1 Color		6 Color		
Printhead Height Control	Seamless 3mm (0.118 in.) fine adjustment				
Maximum Resolution	720 dpi				
Printing Speed	4 Color	8 Color	6 Color		
Standard Mode	2 pass	57 m²/h (616 ft²/h)	28 m²/h (308 ft²/h)	26 m²/h (280 ft²/h)	30 m²/h (322 ft²/h)	28 m²/h (301 ft²/h)
Quality Mode	3 pass	38 m²/h (409 ft²/h)	19 m²/h (205 ft²/h)	19 m²/h (205 ft²/h)	21 m²/h (226 ft²/h)	19 m²/h (205 ft²/h)
Superior Quality Mode	4 pass	28 m²/h (308 ft²/h)	14 m²/h (155 ft²/h)	14 m²/h (155 ft²/h)	15 m²/h (161 ft²/h)	14 m²/h (155 ft²/h)
Supreme Quality Mode	8 pass	14 m²/h (155 ft²/h)	7 m²/h (78 ft²/h)	7 m²/h (78 ft²/h)	7 m²/h (78 ft²/h)	7 m²/h (78 ft²/h)
Media Size	Maximum Media Thickness : 1.0 mm (0.039 in.) / Maximum External Diagram for Media Guide : 300 mm(118 in.)				
Maximum for Roll Media	25kg (55 lb) (In case of loading over 1mm thick media and/or over 25kg heavy media roll, there is possibility to cause unstable printing result.)				
Ink Feeding System	1 or 2 Liter per Color				
Printing Precision Level	±0.3 % or 0.3 mm				
Interface	Ethernet (10Base-T/100Base-T, Automatic switching)				
Operational Environment	Power on - Temperature : 16~24℃ / Humidity: 40~65% Power off - Temperature : 10~50℃ / Humidity: 20~60%				
Power Resources	Thermal Fixation Unit : AC 380 V, 3 Phase + N+ PE, 13 A, 50/60 Hz / Print Mode: AC 220 V, 2 A, 50/60 Hz				
Power Consumption — Printer	0.44kw				
Power Consumption — Heat Fixation Unit & Others	8.7kw		8.6kw	8.7kw	8.8kw
Weight	720kg (1587 lb)		496kg(1093 lb)	523kg(1153 lb)	870kg(1918 lb)
External Shape (W×D×H)	3,540 × 1,100 × 1,430(mm) 139 × 43 × 56(in.)		2,700 × 1,300 × 1,400(mm) 106 × 51 × 55(in.)	3,134 × 1,100 × 1,430(mm) 123 × 43 × 56(in.)	3,894 × 1,450 × 1,320(mm) 153 × 57 × 52(in.)

Ink & Media Guide

Ink \ Media	Polyester	Cotton	Silk	Nylon	Transfer paper
Sublimation Ink	○	×	×	×	○
Disperse Dye Ink	○	×	×	×	×
Acid Dye Ink	×	×	○	○	×
Reactive Dye Ink	×	○	○	×	×
Pigment Ink	○	○	○	×	×

Setup Space **Teleios V8/74**

3,540 / 5,540 / 1,000 / 1,000 / 1,000 / 1,100 / 1,500 / 3,600 / 1,000 / 1,430

Setup Space **Teleios 54**

2,700 / 4,700 / 1,000 / 1,000 / 1,400 / 1,500 / 3,900 / 1,000 / 1,300

Setup Space **Teleios 100**

3,894 / 5,894 / 1,000 / 1,000 / 1,450 / 1,500 / 3,950 / 1,000 / 1,320

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