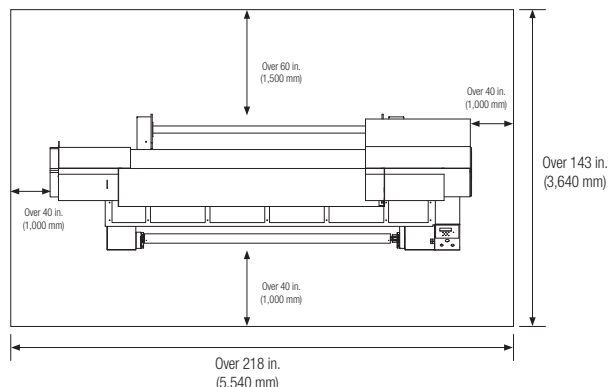
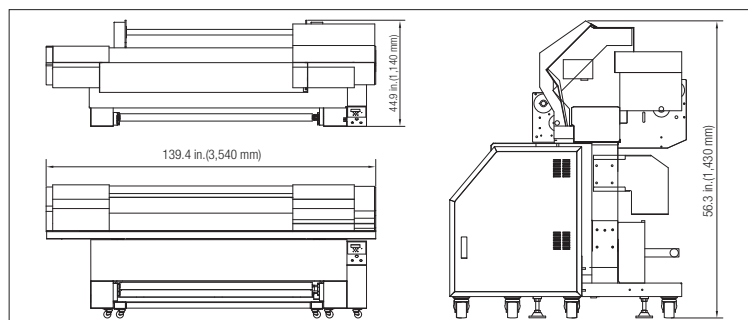


Model	d-gen™ 1377TX/V8		d-gen™ 1377TX/100	
Maximum Media Width	8~74 in. (210~1,879 mm)		8~102 in. (210~2,600 mm)	
Printing Method	PIEZO Inkjet			
Print Color	4 × 2 Color, 8 × 1 Color		Double CM 4-Color or 6-Color	
Printhead Height Control	Seamless 0.118 in. (3 mm) fine adjustment			
Maximum Resolution	1,440 dpi			
Printing Speed	4-Color	8-Color	4-Color	6-Color
Draft Mode	616 ft²/h (57.2 m²/h), 450 dpi, 2 pass	308 ft²/h (28.6 m²/h), 450 dpi, 2 pass	334 ft²/h (31 m²/h), 450 dpi, 2 pass	301 ft²/h (28 m²/h), 450 dpi, 2 pass
Production Mode	409 ft²/h (38 m²/h), 540 dpi, 3 pass	205 ft²/h (19 m²/h), 540 dpi, 3 pass	230 ft²/h (21.4 m²/h), 540 dpi, 3 pass	205 ft²/h (19 m²/h), 540 dpi, 3 pass
Quality Mode	308 ft²/h (28.8 m²/h), 720 dpi, 4 pass	155 ft²/h (14.4 m²/h), 720 dpi, 4 pass	172 ft²/h (16 m²/h), 720 dpi, 4 pass	155 ft²/h (14.4 m²/h), 720 dpi, 4 pass
High Quality Mode	155 ft²/h (14.4 m²/h), 720 dpi, 8 pass	78 ft²/h (7.2 m²/h), 720 dpi, 8 pass	93 ft²/h (8.7m²/h), 720 dpi, 8 pass	78 ft²/h (7.2 m²/h), 720 dpi, 8 pass
Media Size	Maximum Media Thickness: 0.039 in. (1.0 mm) Maximum External Diagram for Media Guide : : 11.8 in. (300 mm)			
Ink Feeding System	Big Ink System (1 or 2 Liter per Color)			
Printing Precision Level	±0.3 % or 0.3 mm			
Head Cleaning	Automatic and/or Manual			
Interface	Ethernet 10Base-T			
Power-saving Function	Automatic Sleep Feature			
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, 13A, 50/60 Hz Print Mode: AC 220V, 2A, 50/60Hz			
Weight	720kg			
External Shape (W×D×H)	139 x 43 x 56(in.) (3,540 x 1,100 x 1,430(mm))		153 x 57 x 52(in.) (3,894 x 1,450 x 1,320(mm))	
Ink Types & Colors				
Disperse Dye Ink	Cyan, Magenta, Yellow, Black (Deeper Black) + Light Cyan, Light Magenta, Orange, Green, Blue, Gray			
Acid Dye Ink	Cyan, Magenta, Yellow, Black + Light Cyan, Light Magenta , Orange, Blue, Gray			
Reactive Dye Ink	Cyan, Magenta, Yellow, Black + Light Cyan, Light Magenta, Orange, Red, Blue, Gray			
Media Types				
Disperse Dye Ink	Polyester, Blended fabric(Polyester+Cotton)			
Acid Dye Ink	Silk, Wool, Nylon (Pre-coating required)			
Reactive Dye Ink	Cotton, Linen Fabric, Tencel, Silk, Wool (Pre-coating required)			

Setup space of d-gen™ 1377TX/V8



Specifications of d-gen™ 1377TX/V8



d-gen International, Inc. may change the product and/or media specifications or accessories without any prior notice and has no liability for printing results in any case, d-gen International, Inc. is not responsible for any incidental and/or inevitable damage from using this product.

Teleios

The Original Direct Printing & Fixation



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



Evolution?



Revolution!

d·gen™ Teleios

Printing graphic art images or photo images on textile

No need paper for textile printing

No need separate heating process after printing

No need wide space required for screen printing

Print directly on polyester fabric just like printing on paper.

This is all you need to do.



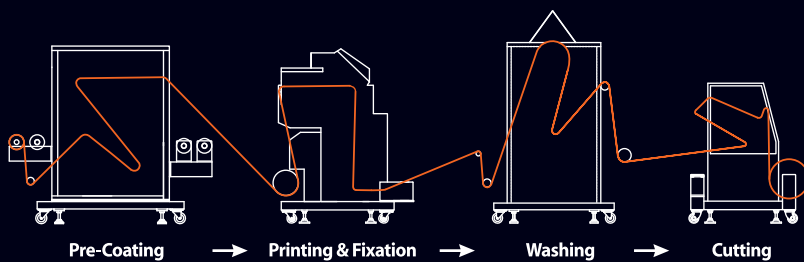
In-Line Workflow

With remarkable productivity,
for the production of over 2000 m² of
flags and banners a day,

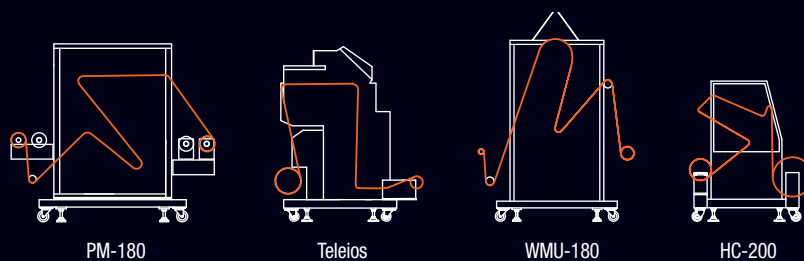
**In-line workflow system by Teleios
only needs 2 to 3 operators in a less than
150 m² of operating area.**

(With 3 units of Teleios, 1 coating machine and 1 cutting machine)

Continuous process by In-Line Workflow System



Used as stand-alone



* The devices shown here, as a stand-alone or a part of in-line workflow, use same take-up and automatic feeder of Teleios. Each device can take care 3 to 4 units of Teleios.





The Original Direct Printing & Fixation

d·gen™ Teleios

With d·gen Teleios, direct printing and fixation machine, manufacturers who want to make eye-catching flags and banners with photorealistic images of products can print directly on polyesters as easy as printing on papers.

Until yesterday, for the printing photorealistic image for flags and banners, 2 separate processes were needed – printing on paper, then transfer image from the paper to fabric. So it was necessary to purchase additional thermal transfer machine (calendar machine) and needed to spend money for papers!

From today, with Teleios, no need calendar machine, no need paper, no need big operational space, no need fussy process of sublimation and skilful paper transfer operators either!

Key Features of Teleios



Heat Fixation Unit

The integrated heat fixation unit is completely controlled by the embedded computer. It provides textile printing and heat fixation at the same time. The heat fixation unit is corresponding with temperature, printing speed and ink consumption. This in-line workflow enables you to get vivid color and synchronizes with high quality textile printing and heat fixation. Moreover, it gives you no further complicated process after printing.



Textile Feeding System

The textile feeding system of Teleios is a key component for good run-ability. This system allows you to have easy printing even on meshes, chiffon and any flag banner fabrics without curvature and twist.



Ink Tray

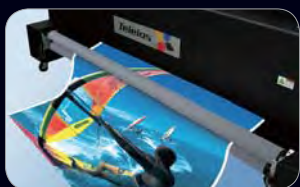
The excessive ink passing through a thin mesh kind fabric exactly drops into the ink tray to prevent stains on the rear side.



Large Capacity Ink Feeding System

The Large capacity Ink Feeding System for 4 color (2 liters per color) and 8 color (1 liter per color) kit. This is controlled by micro captive air pressure with degree of pico-gram precision. This easy-to-use ink feeding system enables you to refill inks while printing without stain on your hands.

Optional Devices for Teleios



Take-Up Roller

In addition to the standard take-up unit, the optional take-up roller enables one single cut of printout without waiting of rewinding the whole printout as a roll base.



PM-180 (Pre-coating Machine)

PM-180, a high-speed pre-coating machine specially designed for Teleios, provides easy operation for high quality pre-coating on polyester in a small space. PM-180 can process pre-coating for high quality printing without loss of fabric by eliminating wrinkles and misalignment of fabric while passing through rollers. The pre-coated polyester can be instantly dried and the edges of each side are trimmed out for immediate printing.



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 and provide 45 liner m²/h high cutting speed. Users can select optimal cutting condition based on the characteristic and thickness of polyester. The position sensor allows precise cutting. With 3 blades and 1 take up unit (max. 5 blades and 2 take up units as option), HC-200 can make automatic cuts for 2 or 3 individual free size pieces within 74". And both side edges are neatly trimmed.



Fumebuster

The fume generated during the heat fixation of Teleios contains mostly vapor, minimal amount of oil and dust. When the temperature of fixation unit goes down, those mixtures can be liquidized and cause stain to the output. For this reason, Teleios users must need any kind of fume buster. Specially tuned for Teleios, d.gen Fumebuster can absorb and filter fume with a powerful suction function.

Most filters in the Fumebuster are very economical since they can be washed by water and reused (Few filters need to be replaced once every 6 months).

Teleios

Increase your profit just like printing money!

Easy to use just like printing on papers!

Unmanned consistent overnight run-ability without loss!

Dramatically reduced production cost!

High productivity to save labor costs!

Low Production Cost

- No need post-treatment like steaming and thermal transfer saves operation time and labor.
- No need transfer paper and de-coupling paper.
- No need calendar machine and large space.

High Productivity

- 38 m²/h practical printing speed and outstanding run-ability for over-night printing without banding and color deflection
- Daily printing volume is more than 600 m² (16 hours a day) by one Teleios.

More Business Opportunities

- Teleios offers business opportunities by variety of applications that comes with ability to print directly on most kind of polyester fabrics.
- d.gen Teleios greatly saves production cost without curvature, fabric twist, banding and color deflection even longer than 30 m² continues printing.
- Superior light-fastness and water-resistance under the rain.
- Vivid eye-catching colors with rear penetration, Teleios produces spot colors on polyester identically seen from front and rear side of flag.
- Super size printing without color deflection becomes easier since Teleios eliminates color deflection by easy CMS (color management system) during the tiling printing.



* These images are just fictional.
Teleios does not have any function to print on papers nor bills.



Offers a Variety of Business Opportunities

Teleios can print directly on any kind of polyester fabrics that can be found at any place in markets. In addition to applications like swimming suits, umbrellas, bags, flags, track shoes, banners, parasols, curtains, wallpapers, sportswear, stage costumes, automobile seat covers, and interior decoration, Teleios will bring you more variety of new business opportunities as you can imagine.

