

Specifications

Technical Key Specifications

Print Technology	Drop-on-demand Micro Piezo Inkjet Technology
Print Head	4 (staggerd setup)
Nozzle Configuration	180 nozzles x 8 lines/head
Drop Mass Range (pl)	4.5 to 45.9
Head Heights (mm)	>5 +/-
Colour Set-up	2 x 4 CMYK (speed set-up) or 8 colour (gamut set-up) CMYKorRdViGr

Media Specifications

Max. Print Width	1900mm (74.8")
Max. Print Depth	650mm (25.6")
Max. Media Thickness	Platen dependent

Ink Specifications

Ink Type	Pigment
Ink Volume	1000/2000ml per color
Average Ink Consumption	22 - 34ml/m ² Image/fabric dependent

Performance (A4 image)

Quality per shirt	(720 x 720dpi) 300+ white
Production per shirt	(360 x 720dpi) white 500+ (Dual CMYK)
Maximum Speed	204.3 m ² /h

Power Consumption

During Printing	200W
Stand-by/Sleep/Power Off	38W / 30W / < 3.8W
Power Supply (Printer only)	AC 100-120V/AC 200-240V @ 60/50Hz

Noise (dB)

Noise (dB)	± 69.8 (printing) / ± 60.5 (standby)
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Recommended Working Environment

Temperature	22°C - 30°C with Δt: max. 2°C/h
Humidity	40% - 60% (non condensation) with ΔRH: max. 5 % RH/h

Machine Measurements

Width x Depth x Height (mm)	2970 x 1290 x 1500 (117" x 70" x 59")
Weight [Box weight may vary]	650kg



Print trials must be undertaken prior to production – no warranties, express or implied, are given in connection with the accuracy or completeness of any of the information contained herein. GoTx, Roto-trac, DTG Digital, Forward Thinking and PigmentInc are registered trade marks and or copyright of Impression Technology Pty Ltd, Australia. All copyright reserved.

NEW HI-SPEED DTG PRINTER



**UP TO
300+SHIRTS
PER HOUR**

DTG-QM8

DTG Series builds on over a decade of remarkable success in the finished garment decorating markets. With over 8000 installed printers globally for direct to garment applications. We've brought all that combined experience over to create the world's fastest industrial garment and fashion panel printer. We have learnt a lot over our time and helped thousands of successful garment printing businesses grow and succeed. What we do hear loud and clear is that an incredible growing number of printers now require a faster production process.

So in the past few years we have been prototyping and refining a new series of printers that were designed with one thing in mind... SPEED.

Naturally we wanted to continue with IQ Interweave and superior ink drop sizes for high resolution prints that have made the DTG Digital the most recognized and used. It was also imperative that we used the same inks and print heads that have generated all that success so far. To build on this legacy our engineering team had to start from ground up in designing a printer that will deliver on all fronts... the DTG-QM8.

DIRECT²GARMENT

If your market is t-shirts, fashion, bags, hoodies, apparel manufacture or any wearables then our inks and advanced print heads will make production "easy". All at a very affordable price.





300+ WHITE PER HOUR

DTG-QM8 for Direct Prints.

The "greener" digital textile printing market for natural fibers is growing faster than ever. Make the switch to a greener solution that requires no water, no steaming or washing in process. The P60i PigmentInk® range ensures that you have an ink solution that can deliver the same quality and performance you've come to expect from traditional printing techniques. An enhanced 8 color ink range delivers extended colour gamuts, great hand and wash and light fastness to all natural fibers, 100% polyester and blends. Designed for continual use in the latest generation hi-speed QM engine.



Features:

- High dye loading
- Bright striking colors
- Excellent jetting performance
- Excellent end-use properties
- 8 Colors to choose from
- Suitable for cotton, viscose, silk, wool, linen, polyester & blends
- Wide colour gamut



Intelligent Features

- **New QM print engine** A quad (4) staggered head printer array with 32 channels of variable 3.5 pcl to 48 pcl drop sizes across all resolutions for rapid penetration and extreme colors. Lower viscosity ink controls for a finer drop placement and faster more precise under-basing and registration. Better colors and more saturation.
- **300+ White shirts/panels** per hour with an A4 image (8" x 11") at 720 x 720 dpi. Images are incredibly sharp and the color gamut supported far exceeds any printer in the market.
- **Dual CMYK 16 channel** dedicated color print heads with increased pressurization and larger pressure release manifolds at the print head – no ink replenishment issues – there's always the correct ink delivery ready to print 24/7 – all shift.
- The **DTG-QM8 workflow** follows traditional multi head embroidery and screen-printing loading systems for easier integration onto the shop floor. An operators best friend.
- The **DTG-QM8** is a hi-speed production ready garment printer that brings cost effective ink management with superior color to mass decoration volume requirements. It delivers all the unique features that the **DTG** range has previously, but in a highly affordable in-line print production station with features that set it apart. It prints faster than any previous model. Requires less maintenance and has the lowest consumable and service cost in the market... truly industrial.



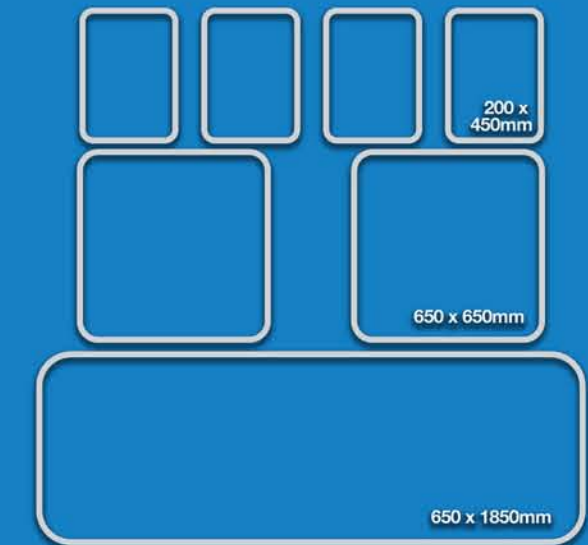
Platen options available for single or all over prints



4-6-8 Pallets and large field 650 x 1800mm panel options

CUT PIECE, PANELS AND FINISHED GARMENTS

PLATEN OPTIONS



4 head - QM print engine



Interchangeable platens



Print quality and features within a RIP – do make a difference to your overall design – if color and knock out graphics are important to you and your customers, then the new IQRip for the DTG-QM8 will leave you breathless.