



PROFITS. PRODUCTION AND AMAZING PRINTS

100% DESIGNED FOR
INDUSTRIAL APPAREL PRINTING



FORWARD THINKING®



QUICK FACTS

- ➔ Standard: 6 cartridges WWCMYK
- ➔ Clean individual head capable
- ➔ Ink level sensors enabled
- ➔ Ink temperature sensors enabled
- ➔ On the fly waveform change in firmware, correct viscosity adjustment automated
- ➔ Degassed ink bags in cartridge
- ➔ Air release dampers fitted (world first)
- ➔ Rated to 30khz head frequency for high speed printing
- ➔ Easy to set-up and designed for industrial applications
- ➔ 7" Touch screen interface
- ➔ Auto clean cycles
- ➔ Has WIMS onboard – white ink management
- ➔ Two year warranty first year including print heads

The **DTG Digital G4** garment printer establishes a new standard for professional direct prints for all finished garments and fashion panels. Designed and produced by DTG Digital® division of Impression Technology, the G4 was developed to be the most affordable industrial DTG printer in this market segment. Delivering speed, performance and quality prints with unprecedented trouble free operation.

APPLICATIONS

The **DTG Digital G4** offers magnetic quick lock inter-changeable platens in various sizes for infant through to ultra wide and long garment prints, cut piece work and fashion panel capabilities are also available with specialty large field tables to accommodate most strike off requirements. Built for industrial all shift operation, with features that make any novice operator a pro in no time at all – it is by far the easiest DTG printer in the market to run and maintain.

EASE-OF-USE

The **DTG Digital G4** meets the production requirements of demanding users along with being super simple to install and use. Starting with an IKEA®-type of installation which takes less than 30 minutes after unpacking, the use of the printer is also as simple as 1-2-3. With a simple to use intuitive touch 7" display panel, any operator will be using the unit in minutes after set-up. The feature set works for both entry level personnel to sophisticated users since its full capabilities are similar to far more expensive DTG printers in the market today.

BUILT TO LAST

Constructed of steel components, the **DTG Digital G4** is built to last. With a two year conditional warranty including one year on print heads, the unit is the only printer in its class to offer an added second year warranty at no cost. The warranty covers all parts with the exception of any consumable parts which experience daily wear and tear.



NEW IQ PRINT PRO COLOR RIP

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 G4 will leave you breathless.





PROFITS, PRODUCTION AND AMAZING PRINTS

A full coloured image printed on a shirt in 28sec

Interchangeable magnetic quick lock platens

Industrial strength steel construction

Intuitive touch 7" display panel

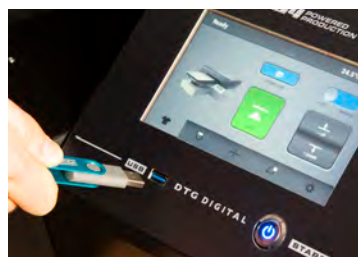


GREAT RESULTS

Using advanced industrial Ricoh piezo print head technology, the overall operation life cycle is extended due to the robustness and automated cleaning functions of the G4 engine. With higher print head kilohertz frequency – speed is a major advantage along with minimum and maximum drop values of 2 - 37pcl. Up to 1200dpi resolution, an increased firing rate and faster scan speeds, deliver pinpoint registration and vibrancy. The G4 print heads are rated for billions of actuations delivering 150% more speed, power and reliability than previous DTG printer models. The G4 is profits, performance and speed built into a compact printer.

On the fly wave form variants – your G4 printer knows what ink is sitting in the dampers and adjusts automatically to the correct wave form while printing. Eliminating starvation, blockages and associated ink issues.

Auto degassing – each print channel has a set of pressure release dampers mounted at the print head – this is a first, and provides unparalleled performance especially in eliminating re-gassing of the ink feed delivery, commonly experienced with white ink in printers.



USB printing



200 or 500mL Cartridges

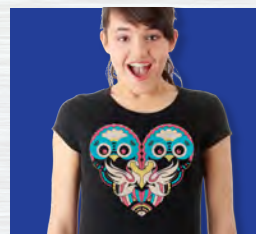
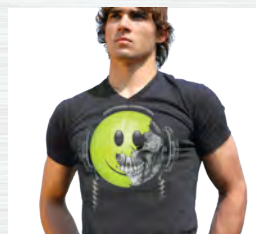
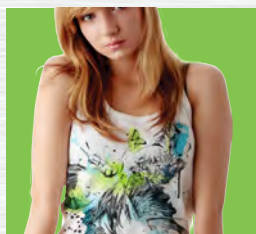
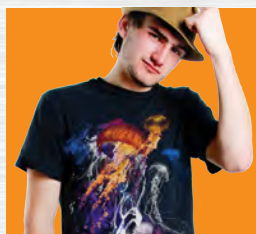


Magnetic quick change platens

WHAT IS YOUR TEXTILE APPLICATION?

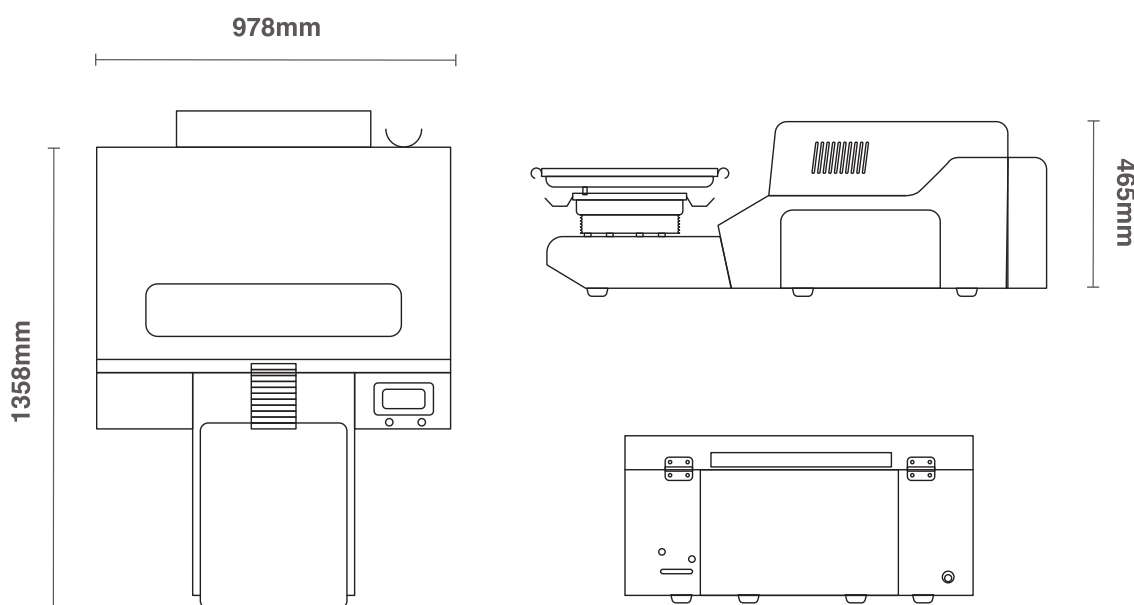
TYPICAL INDUSTRIES

- ➔ Fashion panels
- ➔ Soft furnishings
- ➔ Promotion
- ➔ Hi Vis workwear
- ➔ Sportswear
- ➔ Team wear
- ➔ Handicrafts
- ➔ Fashion strike off
- ➔ Internet sales
- ➔ Sports apparel
- ➔ Corporate wear
- ➔ Jeans
- ➔ Advertising materials
- ➔ Baby clothes
- ➔ Sleepwear
- ➔ Sampling
- ...and many more



SPECIFICATIONS

Maximum Print Size	16" x 20" (Bed Size)
Print Head	4 x Ricoh Piezo (CMYK + White)
Nozzle Dedicated to Color	192 nozzles per color
Nozzle Dedicated to White	768 nozzles (192 x 4)
Max. Print Resolution - Color	1200 x 1200 (16 pass)
Ink Cartridge	200/500ml cartridge with encrypted chip
Ink Cartridge Configuration	6 Cartridges (CMYKWW)
Maximum Ink Drop Size	Up to 37pl
Print Speed (actual printing times) (Size 10" x 8")	Fast - 28 sec (C) / 55 sec (C+W) Normal - 53 sec (C) / 102 sec (C+W) Quality - 79 sec (C) / 165 sec (C+W)
User Interface	7" Touch Resistive Display (Android ICS 4.03)
Table Height Adjustment	Automatic 50mm
Standard Connectivity	10/100 Base-T Ethernet
Power	AC 100V or AC 200V
Size and Weight	1358 x 978 x 465 mm / 98kg



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. DTG DIGITAL, G4 POWERED, FORWARD THINKING and PIGMENTINC are registered trade marks and or copyright of Impression Technology Pty Ltd, Australia. All copyright reserved.

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BY **IMPRESSION
TECHNOLOGY**

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