General Inkjet Printing:
Digital inkjet garment printer
:ARGUS X2

➕ Unique print head technology
Two printing stages with RICOH Gen 5 print head. First, a base layer of white ink is paved as canvas for millions of color ink drops to form a pattern on the garment to create your image.

➕ Concurrent white and color ink printing technology
Concurrent white and color ink printing technology is adopted with white ink as base layer and color inks printed concurrently on white ink positions to reduce print cycle time.

➕ Dual-Pallet alternate printing
Dual-pallet configure allow printing on one pallet while loading and unloading on the other pallet, which reduces operator's waiting time and increases efficiency.

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Hot folders are preset with different colors, media size and print modes , to meet the different pre-process requirement from customer.

Different printing modes can be selected for white ink: image mode, grayscale mode and full coverage mode, etc.

Hot folders for T-shirts with different colors can be preset according to customer requirement to reduce ink consumption; for instance: a T-shirt is black in color, the printer is preset to use black color as image color output to conserve black ink consumption.

Automatic circulation function is adopted for white ink to prevent ink sedimentation which could reduces white ink quality.
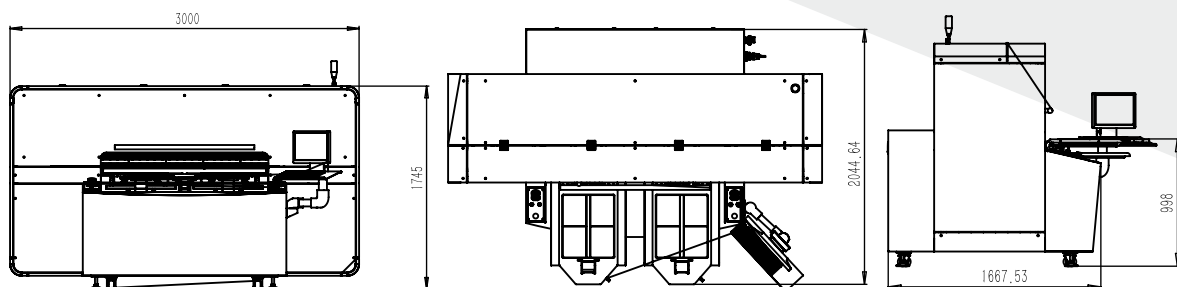
Periodic spitting is performed at designated positions during printing to prevent clogging of unused nozzles.

Humidifier runs automatically during print process, to stabilize humidity of printing environment.

Model	Argus X2	Argus X2S
Tenchical specifications		
Print heads	RICOH Gen 5 Print Head	
Number of print heads	5	10
Resolution	600×600dpi(2pass);600×1200dpi(4pass) ; 600×1800dpi(6pass) ;600×2400dpi(8pass)	
Ink set	CMYK＋3W	
Ink type	Water-based pigment ink	
Printing method	Scanning	
Substrate	Supports printing clothes of various thicknesses such as T-shirts, polo shirts and hoodies.	
System components		
No. Of Pallet	2	
Max print size	410mm*500mm	
Pallet working mode	Loading on one pallet while printing on another pallet	
Print mode	Uni-directional / Bi-directional	
Loading and unloading method	Dual Pallet - Manual loading and unloading in turn	
Ink supply method	Automatic ink supply and degassing module	
Cleaning method	Automatic cleaning and ink scraping	
Negative pressure method	Independent negative pressure	
Motion control	Servo motor drive + linear motor. Supports carriage Z-axis motion	
Environment Control	Automatic humidifying	
Equipment specifications		
Equipment dimensions	3000mm*1668mm*1663mm	
Equipment weight	740kg	750kg
Power	Single-phase 220V, 50/60Hz	

Product layout ▶

Unit : mm

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