

QUANTUM
DIGITAL TECHNOLOGIES

GD-620 DTF MAX

- Intelligent powder control system
- Print heads installation free
- Longer service life

2/3/4 i3200-A1 Print Heads

GD-620 DTF MAX

Not sure which direct-to-film printer is right for you and your project?

Come to OEM customization

Our vision is to become a one-stop manufactory that meets your personalized customization requirements for DTF equipment, providing excellent DTF machines and factory services. And we can provide your company with powder shaker machine matching items to meet the needs of different dealers for personalized brand customization !



- ◉ Self-contained heads for shipment, Head without installation ;

- ◉ Tension bar media feeding system ;

- ◉ Automatic print head moistening & Ink heating to prevent print head from clogging ;

- ◉ Powder Control System ;

- ◉ Built-in smoke filter (upgradeable) ;

- ◉ Electric pinch roller control systems .

GD-620 DTF MAX

Features

HIGH VOLUME DTF PRINTING SOLUTION



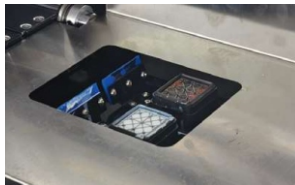
● Sprinkler free installation

After you receive the printer , there is no necessary to install the print heads . After installing the ink and simple debugging , it can be printed directly .



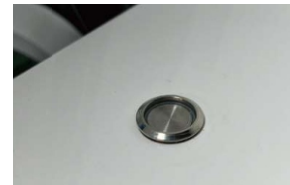
● Tension bar media feeding system

The intelligent tension bar film feeding system makes feeding more accurate and stable .



● Automatically moisturize online

To prevent the ink from clogging the heads, moisturizer at regular intervals to keep the heads clean and moist . Online humidification system , which can keep the best working condition of the .



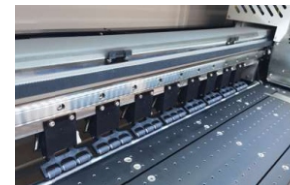
● Electric pinch roller control systems

The electric control pinch roll, the PET film evenly stressed, feeding more accurate, one-button easy operation .



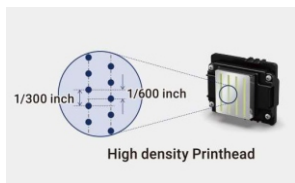
● Print Heads base heating

The print heads base has an external heating function, make the printer can work normally in an environment with large temperature differences, ensure good ink mobility during the printing process .



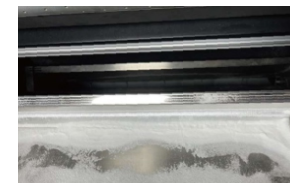
● THK mute guide

Imported high quality THK guide . Highly stable printing with low noise and with longer life , the first choice for high-end inkjet printers .



● Nozzle broken hole compensation technology

The printer can automatically monitor the printing process during the printing process, and will compensate if there is an problem of printing leakage to ensure the perfect output .



● Powder Control System

Better control the precise amount of powder, avoid unnecessary waste, reduce the number of powder return & powder pouring, reduce manual operation costs .

GD-620 DTF MAX

HIGH VOLUME DTF PRINTING SOLUTION

SPECIFICATION

T-shirt Digital Heat Transfer Printing Machine

Model	GD-620 DTF MAX	
Print Head	2/3/4 Print Heads	
Printing Technology	Piezoelectric Inkjet	
Acceptable Media	Width	620 mm
	Thickness	Maximum 39 mil(1 mm)
Printing Width	600 mm	
Ink Cartridges	Type	Transfer Pigment Ink
	Capacity	Continual Ink Supply System (220ML)
	Color	2 /4 Heads - 5 Colors , 3 Heads - 9 Colors CMYK / LcLm / Fluorescent Colors Optional
Applicable Medium	Transfer film	
Color Manage	ICC or density curve	
Media Heating System	Powder & color fixing machine	
Interface	RJ-45/LAN	
RIP Software	Main top & PhotoPrint	
Power Supply	50HZ/60HZ,220V/110V/10A	
Environment	Temperature	20 °C to 28 °C
	Humidity	65% to 75%
Printer Dimensions(With Stand)	L1840mm*W780mm*H1400mm	
Packing Dimensions	L1900mm*W930mm*H1320mm	
Weight	165kg	

* Dual Print Heads Speed

720x1200dpi - 4pass	12 m ² /h
720x1800dpi - 6pass	9 m ² /h

* Three Print Heads Speed

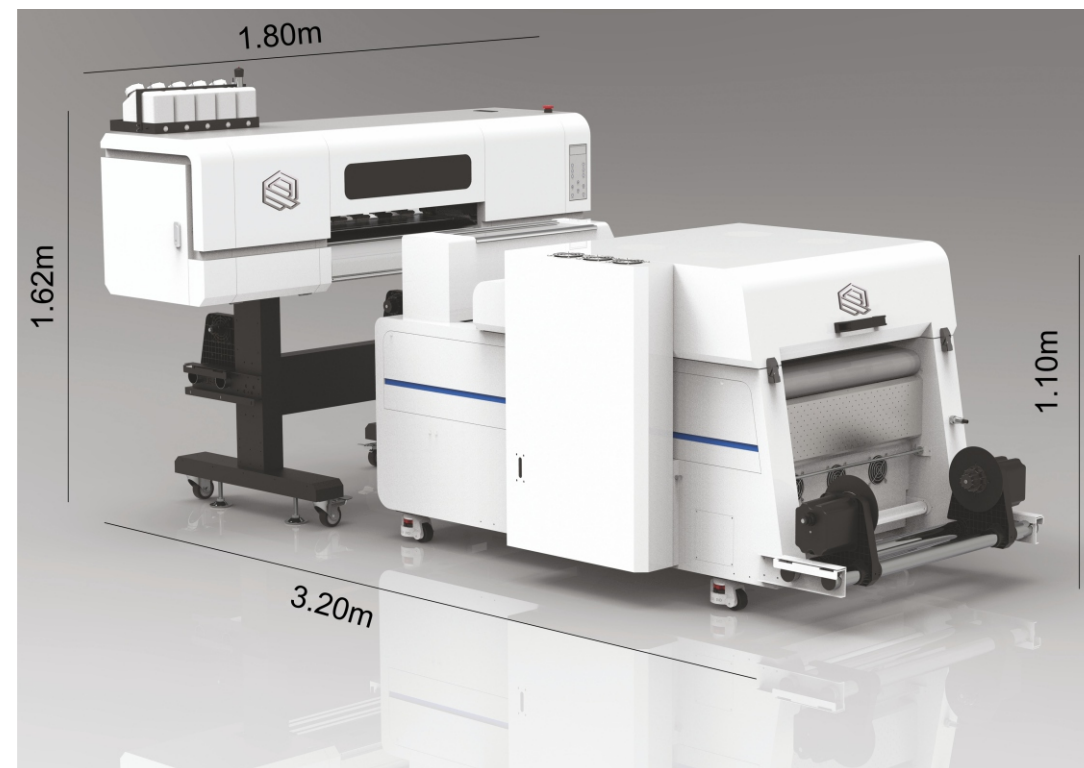
720x1200dpi - 4pass	12 m ² /h
720x1800dpi - 6pass	9 m ² /h

* Four Print Heads Speed

720x1200dpi - 4pass	24 m ² /h
720x1800dpi - 6pass	18 m ² /h

Shaking Powder and Color Fix Machine

Model	GD-620 DTF MAX Powder Shaker	
Media Width	0-600mm	
Applicable Medium	Nylon, Chemical Fiber, Cotton, Leather, Swimwear, Wetsuit, PVC, EVA, etc.	
Powder Control	Powder shake control, powder control, powder direction and volume control	
Heating & Drying Function	Multi-stage heating system, drying, cold air fan function	
Rewind Function	Automatic induction winding	
Electrical Parameters	Rated Voltage: 220V	Rated Current: 20A
	Rated Power: 3.42KW	Power Consumption: 1KW-2.5KW
Packing Size & Weight	1900* 1120* 1180mm	
	G.W. 235kg N.W.210kg	
Powder Shaker Size	1780*980*1040mm / 1780*1100*1040mm (Built-in smoke filter)	



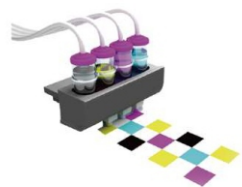
GD-620 DTF MAX

HIGH VOLUME DTF PRINTING SOLUTION

• QUANTUM DTF INKS

All our DTF inks are specially developed and test to ensure vivid colors and maximum fastness

- Highest health standards
- Vivid colors



9 Colors Optional

C M Y K W

C M Y K Lc Lm Fy Fm W

More Spot Colors Available

QUANTUMDTF is carefully designed to reduce maintenance to a minimum. With popular RIPsoftware each print will be produced in a quality way beyond any competition, but still ainkjet dtf every aspect of the print will be optimized in order to make it cost effective.

More Intelligent

Self preservation function

Low Maintenance

More convenient operation

High volume production

With upgradeable options

• WIDE RANGE OF PRINTING SUPPLIES

QUANTUM supports wide range of printing supplies

- All QUANTUMDTF supplies are certificated with CE
- Various types of powders (white and black)
- Various types of DTF films (dazzling film/warm film/ luminous film/single side film/double side film)



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HIGH VOLUME DTF PRINTING SOLUTION

Applications of DTF Printer

Commonly used products such as T-shirts, hats, backpacks, lanyards, shoes and more to create unique fashion pieces. It can also be used in denim clothes, non-woven bags, gift bags, pearl clothing, baseball caps, fabric gift boxes, etc. Make your travel outfit unique .

- T-shirt
- Canvas
- Backpacks
- Shoes
- Baseball Caps
- Sweaters and more.....
- Denim/Jeans
- Hoodies
- Lanyards
- Gift Bags
- Fabric Gift Boxes

