

INKGIANT[®]
Focus on inkjet printing solution



*Let's make printing
different together*

DTF PRINTER SOLUTION

Intelligent · 5/9-Color Performance



🌐 www.bigfootprinter.com

✉ info@inkgiant.com.cn

☎ 86-0371-5596-0872

ZHENGZHOU BIGFOOT DIGITAL TECHNOLOGY CO., LTD

BF-60E6-S1 PRO

BF-60E6-S1 PRO DTF PRINTER

- **Optimized for POD Production**
- Advanced Tension Rod & Moisturizing System
- **Reinforced Cabinet Structure for Stability & Easy Maintenance**
- 6 Pcs Epson I3200A1 ● 2400DPI
- **High Speed & Precision Output**

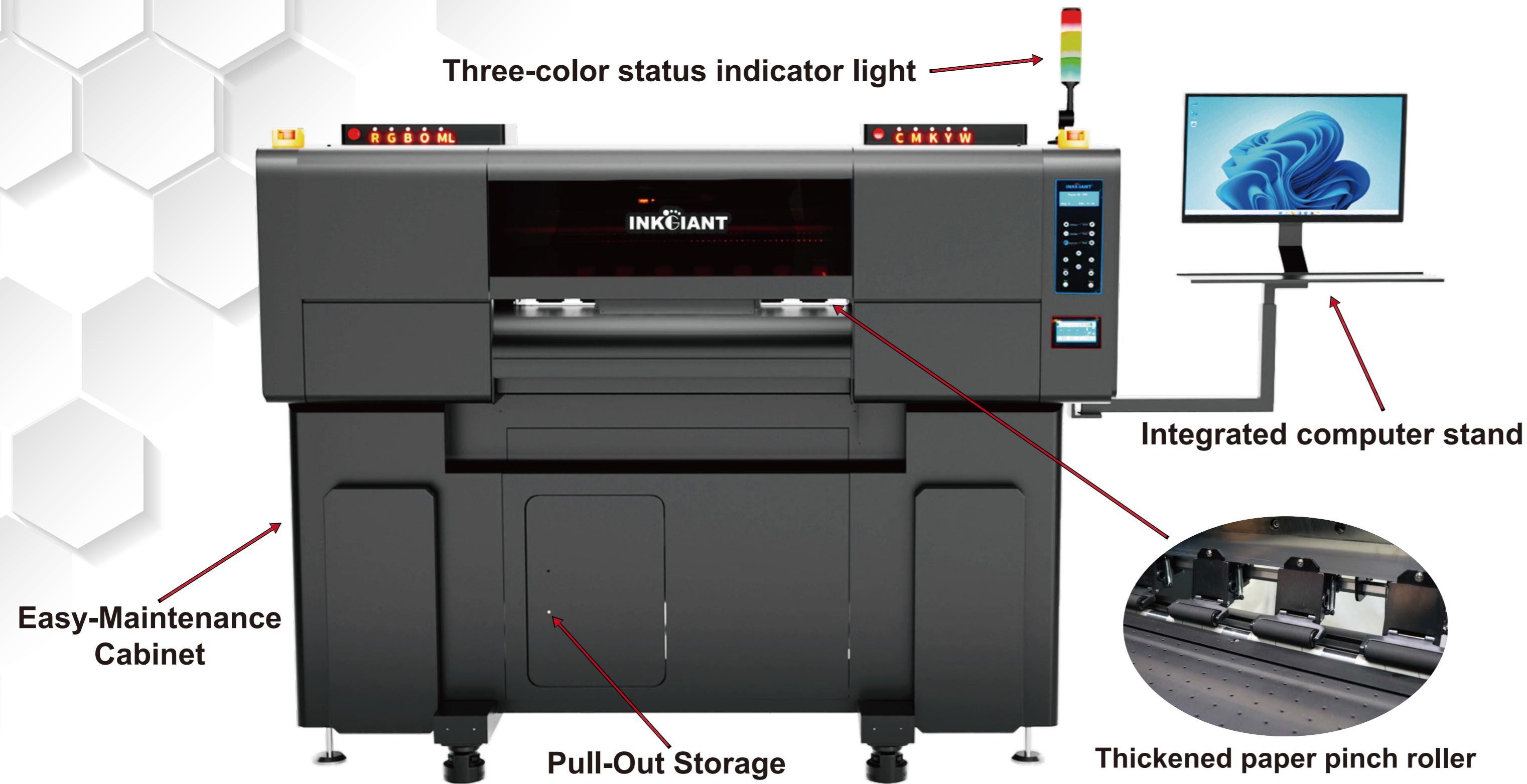


- ◆ **Extended Powder Shaker**
- ◆ Auto Powder Return & Fume Purification
- ◆ **Vacuum Platform**

Machine parameters

Model Type	BF-60E6-S1 PRO	
Color option	CMYK+W	CMYK+R/G/B/OR+W CMYK+FO/FG/FM/FY+W
Printing speed	15-30m ² /h	
Print head	I3200A1/6pcs	
Printing medium	Pet film	
RIP software	Flexiprint(SAI)	
Operating system	Windows10 and Above	
Picture format	Tiff,Jpeg,Eps,Pdf	
Print width	600mm	
Ink	Water Based Pigment INK	
Resolution	4Pass: 720*1200 DPI 6Pass: 720*1800 DPI 8Pass: 720*2400 DPI	
Environment	Temperature20°C-30°C Humidity 50%-70%	
Power	50Hz/60Hz 110V/220V 10~22A	
Interface	Gigabit network card	
Machine size	1940*900*1500mm	2670*1010*1105mm (L*W*H)
Packing size	2120*1000*1680mm	2270*990*1300cmmm (L*W*H)
Weight	305KG/418KG	320KG/400KG

DTF PRINTER

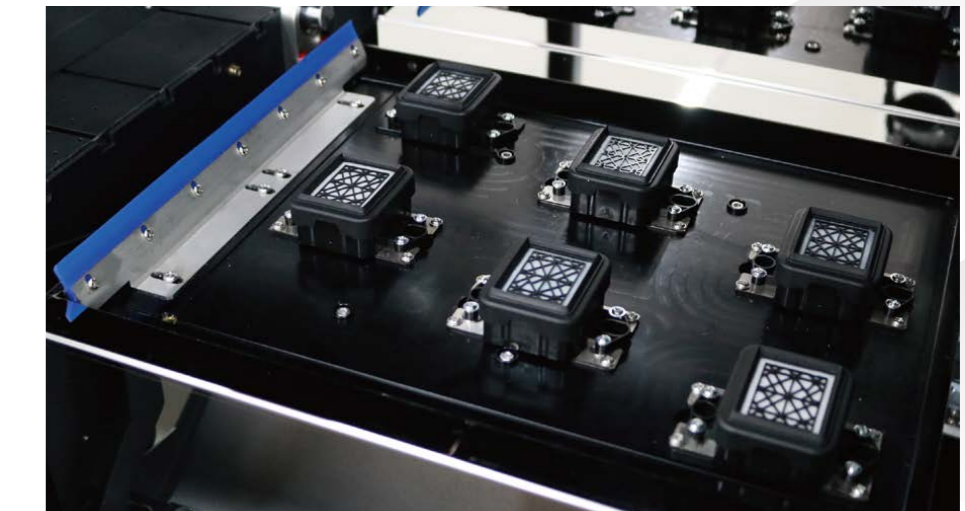


Apply to nylon, chemical fiber, cotton, leather, swimsuit, diving suit.

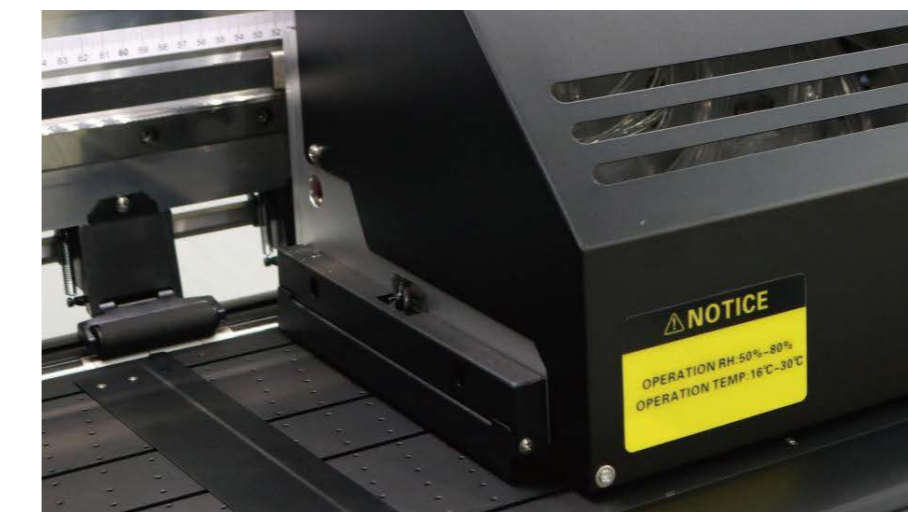
Machine Introduction



Integrated control panel



Staggered Printhead Layout for Maximum Speed



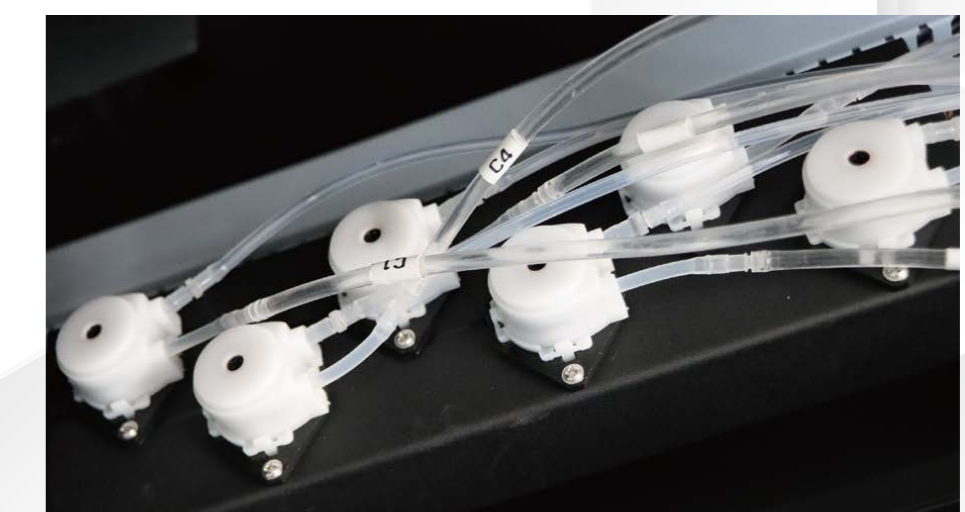
Anti-Collision Protection



Hidden 3L capacity ink tank



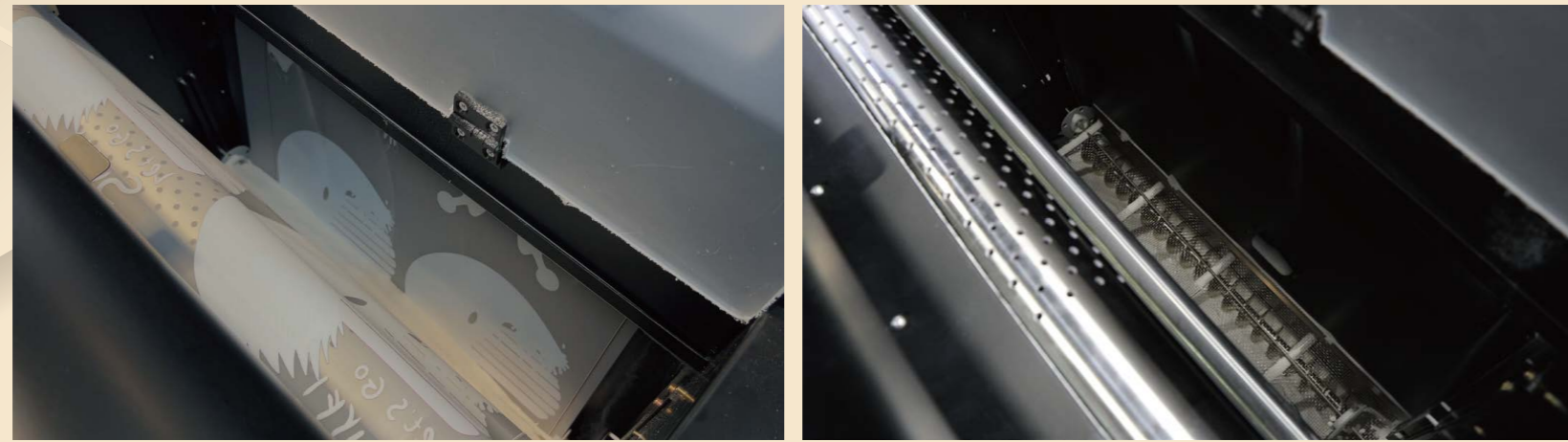
Upgraded tension rod system supporting 100–300m film rolls



Moisturizing System

POWDER SHAKER

Automatic powder recycling system



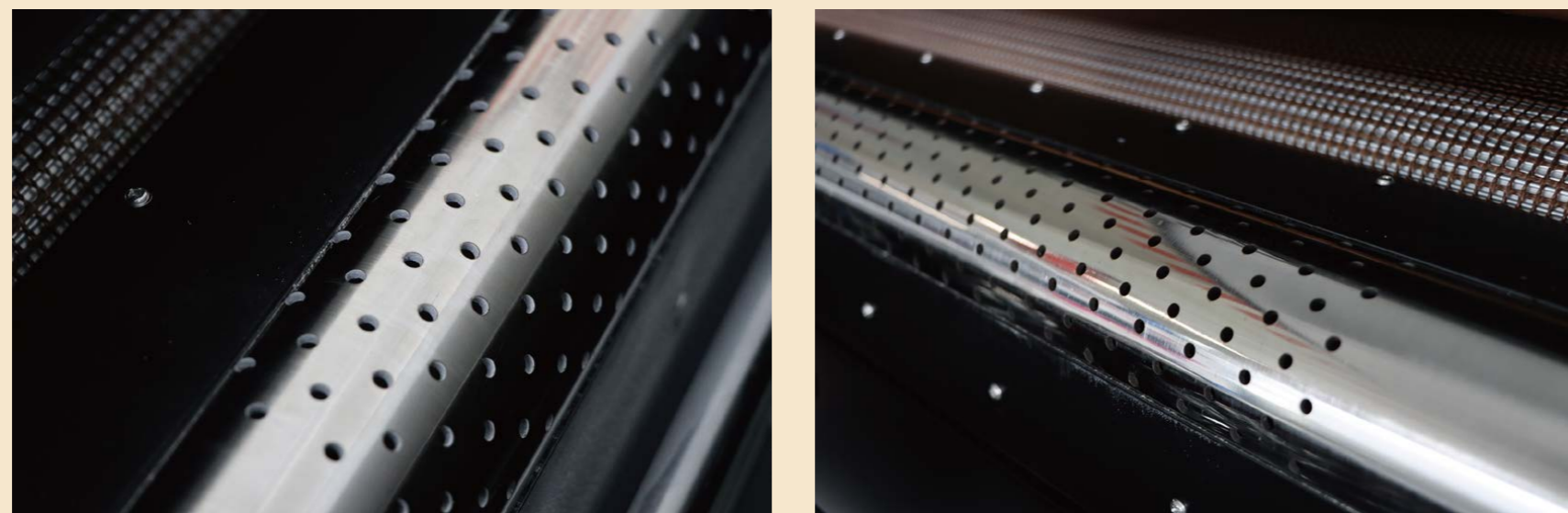
Vibration powder Shaking



Powder Return & Re-feeding System

Visualized follow-back

Intelligent air suction



Front Vacuum

Black Vacuum

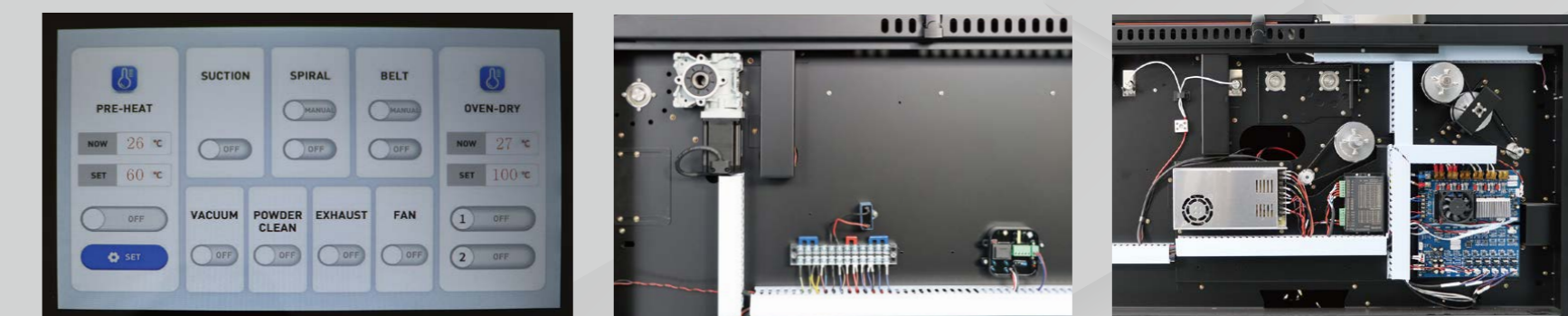


Multiple rows of cooling fans for enhanced heat dissipation and improved cooling efficiency

11 heating tubes ensure higher drying efficiency and stable heat distribution



Clean working platform design
Extended body design for improved curing performance



Integrated circuit (touch screen operation), simple circuit, digital functions

INK



Colour:	CMYK+O/B/G/R+FLUO M/Y/OR/GR+WHITE Cleaning soluton for DTF printer
Shelf life:	Color ink 12months, white ink 9 months
Optional packing:	5Kg/bot,1KG/bot,500ml/bot,100ml/bot etc.
Storage temperature:	5°C-35°C
Temperature(printing):	15°C-25°C
Humidity(printing):	45%-75%
Packing size:	460*370*240mm, 1KG/BOT, 20BOT/carton
Gross weight :	23KG
Net weight:	20KG

- High whiteness, strong coverage;
- High color density and color reproduction;
- Excellent ink fluency, continuous printing for a long time without ink breakage;
- Friendly and no damage to the print head;
- Good quick-drying performance, not easy to dry in head surface, no flowing on film;
- Soft hand feeling, perfect tensile property and resilience;
- Dry/wet rubbing, washing and perspiration fastness 4-5 grade;



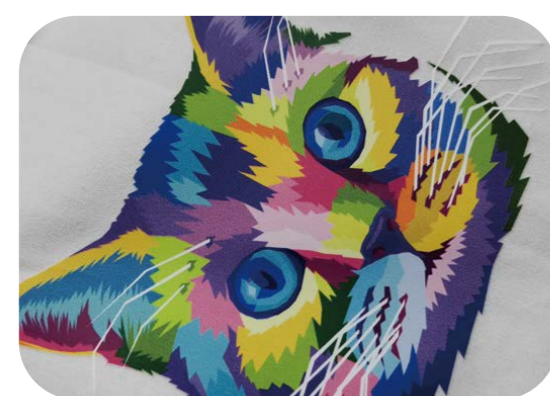
FILM/POWDER

INSTANT

Product name	INKGIANT DTF film
Product category	Double matte hot peel film
Size	60cm*100m/Roll
Thickness	75mm
Packing size	2rolls/carton
Net weight	14KG
Gross weight	16KG



- Easy to peel off
- Non adherent powder
- Bright color and high color transfer rate
- Excellent ink absorption performance
- No film slipping during printing
- Uniform coating and clear printing

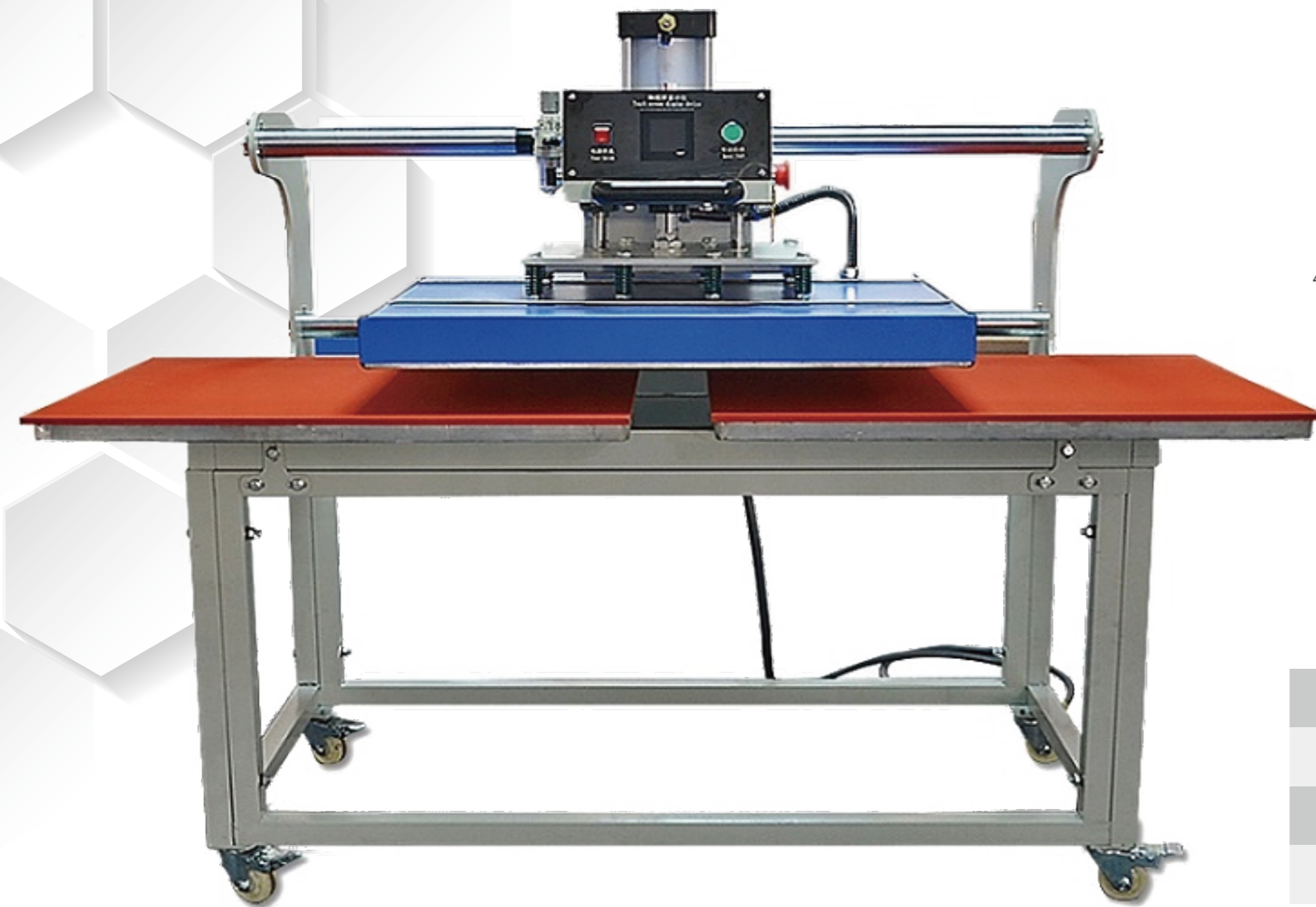


- 100% TPU, stable quality
- Good washing fastness
- Good elasticity, stretch without cracking
- Aluminum foil bag packing,
- moisture proof, safe transportation

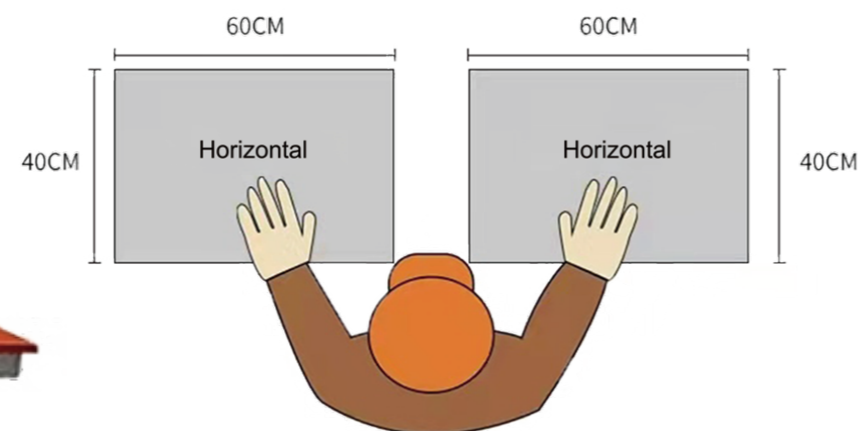
Packing size:	1KG/BAG, 20BAG/carton
Net weight :	20KG
Gross weight:	22KG

Type	Model	Melting range	Size	Refer time (s)	Features	Fastness levels (☆ half star)	Hand feeling	Suitable fabric	Washable Washing/dry cleaning
TPU	Middle size	120°-130°	120-250	6-8s	Strong firmness, good toughness, good pulling force	★★★★☆	★★	cotton cloth, non-sublimation, polyester cloth	40°C Excellet /60°C good
	Fine size	110°-130°	80-170	6-8s	Low temperature, soft touch, smooth melting surface	★★★	★★★	cotton cloth, non-sublimation, polyester cloth	40°C Excellet /60°C ok
	Ultra soft	130°-140°	120-250	6-8s	Best hand feeling	★★★	★★★★	cotton cloth, non-sublimation, polyester cloth	40°C Excellet /60°C ok
	Anti-sub black	130°-150°	120-250	6-8s	Applied to, Sublimation Black, Fabric	★★★	☆☆	Sublimable black polyester fabric	40°C Excellet /60°C ok
	Anti-sub white	130°-150°	120-250	6-8s	Applied in, Sublimation fabric	★★★	☆☆	Sublimable polyester fabric (unlimited color)	40°C Excellet /60°C ok

HEAT PRESS MACHINE



Horizontal plate up slide penumatic double station heat press machine



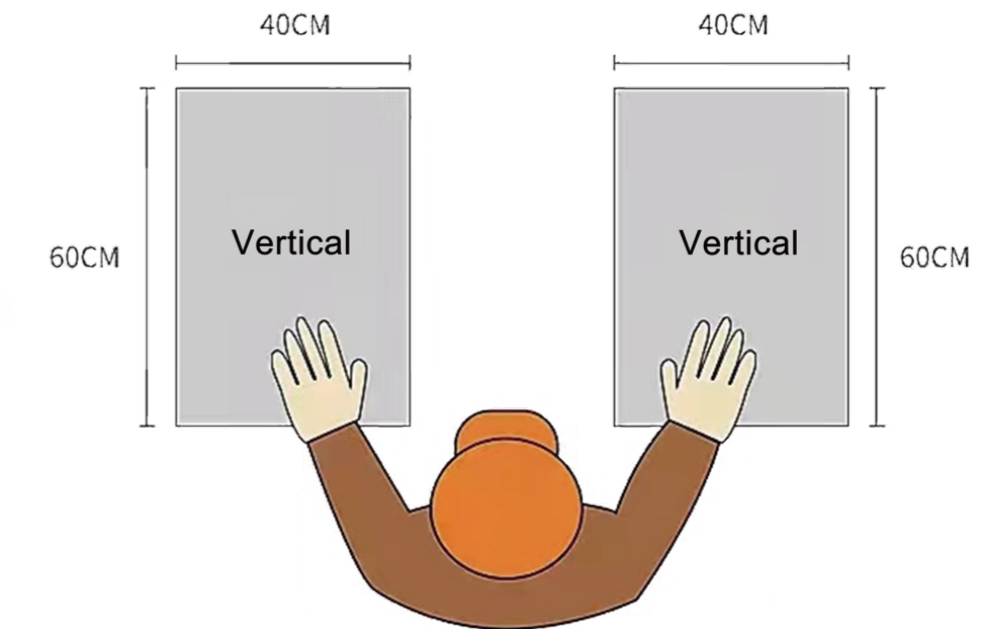
Facades display

Size:	60*40CM
Power:	3.8KW
Package size:	137*80*70
Gross weight:	170kg

size (cm)	Power (KW)	Time rang (Sec)	Temperature (°C)	Working pressure (kg/cm ²)
38*38	2.2	0-999	0-399	0-8
40*50	3	0-999	0-399	0-8
40*60	3.7	0-999	0-399	0-8
50*60	3.8	0-999	0-399	0-8
50*70	4	0-999	0-399	0-8
60*80	6	0-999	0-399	0-8
70*90	6	0-999	0-399	0-8
80*100	9	0-999	0-399	0-8



Vertical up slide penumatic double station heat press machine



Facades display

Size:	40*60CM
Power:	3.8KW
Package size:	103*90*78
Gross weight:	170kg

- Digital control meter makes data input much easier and control time and temperature precision.
- Built-in counter to record production capacity.
- Adopt brand electronic components: F.R.L, relay, switch, air cylinder etc.
- Air pressure can be adjusted according to material thickness.
- 100x125mm powerful cylinder to generate even and stable pressure.
- 2 stainless rod Dia.50mm and 30mm to make machine running very stable and smooth.
- U shaped Heating elements was casted in aluminum to provide even temperature.
- Equipped with two infrared ray to help position article (optional).

OPERATION PROCESS

Import the processed pictures into the computer



01



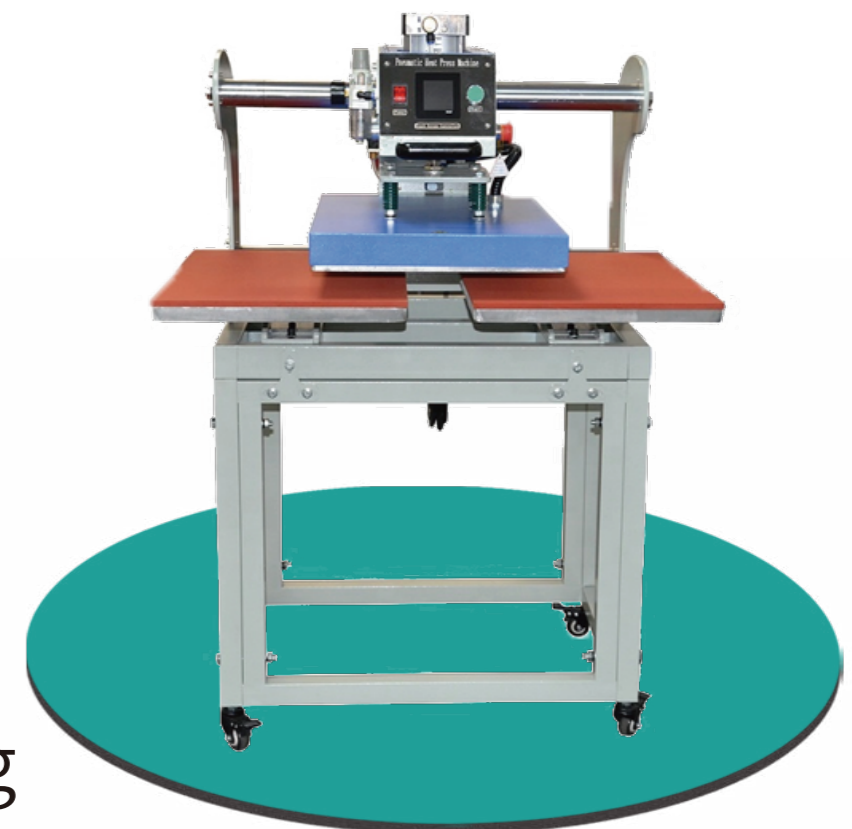
06 Finished product display

No need to wait to tear off the film, OS hot peel



05

Use Heat press machine pressing



04

Sprinkle the powder and shake the powder into the drying tunnel to melt it



02

Print with printer



03