Introduction for DG-2513 printer

Parameter

Print size		**2.5m(w)X1.3m(L)**
Print Head		TOSHIBA CE4M
Print Head Quantity		4～8 PCS
Print Color		C、M、Y、K、LC、LM、W、V
Print Height		80mm
Curing System		Imported LED UV lamp/Mercury UV Lamp
Image Format		TIFF、BMP、EPS、JPEG
Cleaning system		Auto Positive Pressure Cleaning
Speed	Draft mode	**25 sqm/h**
	Production Mode	**17 sqm/h**
	High Resolution Mode	**12sqm/h**
Interface		USB3.0
RIP software		Ultra print, GMG
Operation system		Windows7_X64
Power Requirement		AC220 P2500
Temperature/Humidity		Temperature：20-30℃ Humidity：40%～60%
Printer size		4333mm＊2088mm＊1300mm
Certification		CE,SGS,RoHS

Environment requirement:

Temperature: 20 to 30 ℃, Humidity : 40% to 60%

Computer system requirement:

CPU: I3 or I5, Internal memory: 8 G Window 7 , 64bit

Power requirement:

P5kw, AC220V, require ground wire

Agent Price:

Model	details	Quotation	
DG-2513	8 print heads	30,000USD	FOB Shenzhen
Toshiba print head	1	900 USD	EXW factory
Ink from Japan	CMYK,W,LC,LM	70 USD/L	
Ink from Taiwan	CMYK,W,LC,LM	55 USD/L	

Details

1. Equipped With TOSHIBA CE4M Print head

High density nozzles, as many as 636,dot frequency is 28KHZ,achieve a high print speed. Spray ink can reach 300 billion times without clogging and oblique , with a long life. 8 levels grey scale, 5pl ink drop size, with a high resolution.

2. Certified ink by TOSHIBA.

Ink is certified by TOSHIBA, passed RoHS, SGS certification. Without any components which may damage print head. Life of print head will be longer.   High ink density and wide color gamut.

3. Certified accessories

Accessories of Ink system are certified by ink supplier, without chemical reaction with ink.

4. High precision print head base board.

Print head base board is OEM by professional factory, high-precision process. Error less than 0.01mm to improve print accuracy.

5. Professional RIP software GMG(Optional)

User interface is simple, easy to understand. Efficient workflow, Excellent image handling, rich color management tools, professional color processing method.

6. Print head Anti-collision System

Print head Anti-collision System, prevent print head damage from accidents caused by human error or material deformation.

8. High-performance transmission

USB3.0 interface, speed is 10 times than USB2.0. High efficiency ,energy saving compatibility, strengthen anti-interference ability .

9. Independent negative pressure system on white and color.

Ensure perfect output in the process of high frequency printing, greatly improve stability of the device

10. High-strength steel frame

Welded racks are milled by CNC milling machine. Ensure no deformation when print glass, stone and other heavy materials.
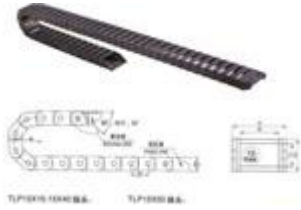

11. Double servo motors on Y axis

Adopt industry-leading brands of servo motors on Y axis, achieving the precision requirements of mechanical transmission, more durable.
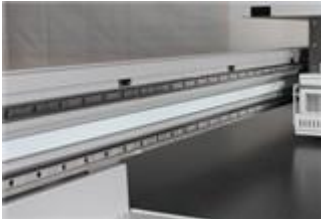

12. Imported Towline

Imported high performance towline, low noise, make your working environment more comfortable.

13.Imported high performance rail guide

Imported high performance rail guide, ensure stable movement, high print resolution, long life, low noise.

14.. Segmented vacuum platform

Segmented vacuum platform, can be controlled separately. Make heavy material loading and unloading easier and more convenient.

15. Imported UV lamp from Japan(Optional)

Imported UV lamp from Japan, one single lamp is 7W, without shading during printing. Long life, warranty for 2 years.

16. Static elimination device(Optional)

Eliminate static on the material, ensure high quality picture output.

17. Imported head cable

Head cable is imported from Japan with shielding function. Data transmission won't be affected by outside factors. Long life and in warranty for 1 year.

18. Toshiba print head adopt Constant temperature system

Toshiba print head adopt water recirculation system, keep a constant temperature. Temperature error not exceeds 2 degrees, ensure stable color output and ink flow property.

Exhibition picture:

Sample picture

Wood printing

3D floor

Phone case

Plastic board

After sales service

1. The supplier will train two engineers for free, the buyer will take care of their hotel stay, food and transport.
2. Spare parts in warranty for 1 year can be changed for free.
3. The company will provide after-sales service via picture, video, phone call ect. And can send engineer to customer's place, but the customer need bear the round-trip cost, food and hotel.
4. The supplier will provide software update for free.

Spare parts in warranty

Number	Spare parts in warranty	Warranty time(day)	Remark
1	Circuit board	365	
2	Motor, motor driver	365	
3	smps	365	
4	Transmission belt and driving wheel	365	
5	Bearing, rail guide, slider	365	
6	Suction pump	365	
7	China UV lamp	365	
8	Japan UV lamp	730	Optional

9	Water heater	365	
10	Toshiba print head	365	(specified environment, specified temperature)
11	Head cable	365	
12	Electromagnetic valve	180	
13	Encoder reader	120	
14	Ink pump	60	
15	Mixing motor	90	
16	Two way valve	90	
17	Filter	90	

Print cost calculation

Q: how much ink need in one square meter?

A: One square meter need 10 to 12 ml ink.

Q: 1 liter ink can print how many square meters ?

A: 1 liter ink can print 80 to 120 square meters.

Q: How much cost if print 1 square meter？
A：According to one sqm need 10ml ink, and 1L ink about 70 USD, we know 1 sqm need about 0.7 USD, and if print white and color at the same time, need about 1.4 USD per sqm.

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