

**15 YEARS EXPERIENCE IN PRINTING**

## **SN-25J3 G6 UV FLATBED PRINTER**



**This UV flatbed printer, no plate making, the whole process of computer operation, with the type and go, the full-colour image is completed at one time, can be in a variety of materials (metal, ceramic, crystal, leather, plexiglass, cloth, stone, acrylic, plastic, wood products, glass, etc.) surface colour printing.**

**The machine has the advantages of large printing format, fast printing speed, high precision, long life, large format, stable mass production performance, easy operation, lasting effect and not easy to decolorize, and can adapt to various environments. Save time and ink, economical and practical, high efficiency, suitable for small batch multi-variety processing, can completely replace screen printing.**

**Ricoh G6 Industrial nozzle printer is a high-speed industrial UV flatbed printer developed by Inshang for the needs of our customers. It can be configured with 2-8 industrial Ricoh nozzle, printing speed is faster (nearly twice as fast as G5 nozzle), precision is higher, the platform is durable, and the size is flexible and customized. Meet the printing needs of many industry customers!**

## G6 PRINTHEAD UV PRINTER



- New variable ink technology, smaller ink drops, from TPL to SPL; Perfect picture quality even at high speed or low resolution.
- At the same time, it is compatible with UV/ water/solvent ink, ink compatibility is strong, a wide range of applications, and white colour with the same, embossed and glossy oil effect can be printed at one time,

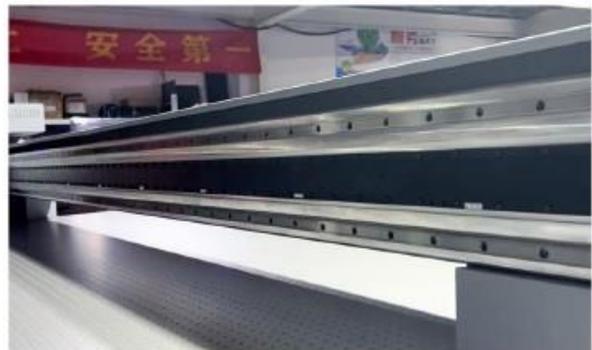
the imaging effect is more realistic, and it is not easy to plug.

- Maximum 50KHz large ink drop ignition frequency to meet the needs of high-speed; Compared with the current market Ricoh G5 model speed of 50%, quickly improve the efficiency of the printer.
- The Ricoh G6 nozzle data connection cable is detachable, providing a more convenient design for after-sales repair and nozzle maintenance.



### HIGH PRECISION PRINT HEAD

Resolution up to 1440dpi,  
clear print quality



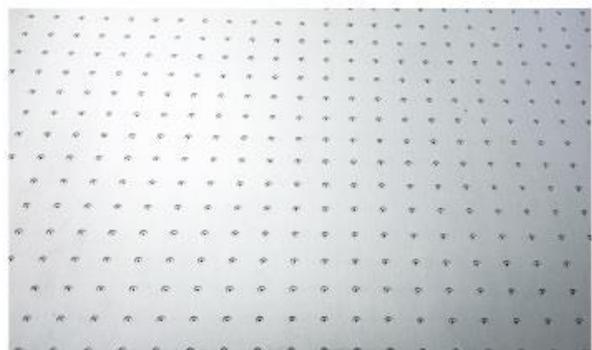
### IMPORTED ORIGINAL GUIDE RAIL

Original guide rail, high precision,  
super quiet, high wear resistance



### AUTOMATIC CLEANING NOZZLE

Easier operation, improve printhead life



### VACUUM ADSORPTION PLATFORM

Hard oxidation vacuum adsorption platform,  
improve printing accuracy



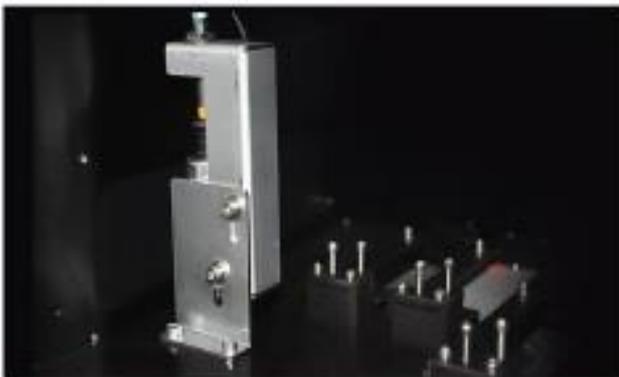
### PRINTHEAD ANTI-COLLISION DEVICE

There are anti-collision devices installed at the left and right ends of the sprinkler head. When obstacles are encountered in the printing process, the system will enable emergency stop to prevent damage to the car and the print head



### CARTRIDGE AUTOMATIC ALARM SYSTEM

Automatic detection of liquid level, automatic inking; Vacuum ink absorption; When the ink level is less than one-third, the ink cartridge automatically lights up. Make the printing uninterrupted, more smooth production.



### AUTOMATIC HEIGHT MEASUREMENT FUNCTION

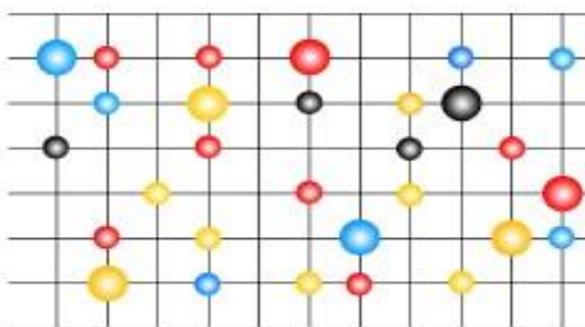
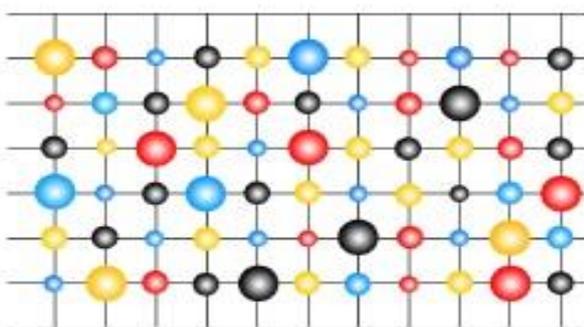
Built-in height probe, when the medium platform material exceeds the bottom of the front, it will automatically trigger the height probe, and the front will raise and lower the appropriate printing height of the material



### PARTITION SUCTION FUNCTION

The air suction hole of the printing platform is divided into four large areas: A, B, C and D, each area has four switches, which control the four areas, providing strong stability for the printing of items and ensuring the accurate printing of the positioning of items

# INKJET TECHNOLOGY



**Variable drop ink technology**

**There is no drip ink technology**

The piezoelectric printing nozzle can select different ink droplet combinations according to different printing materials, which can improve the printing speed and meet the requirements of color density of the screen to ensure that the output image is accurate and distinct

<b>MODEL</b>	<b>SN-2513 G6</b>
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<b>PRODUCT PERAMETER</b>	<b>NOZZLE TYPE</b>	RICOH G6		
	<b>NOZZLE TECHNOLOGY</b>	DROP ON DEMAND		
	<b>NUMBER OF PRINTHEADS</b>	3 -6 (CUSTOMIZABLE)		
	<b>PRINT RESOLUTION</b>	720 X 1440DPI(MAX.) L		
	<b>PRINT MODE</b>	UNIDIRECTIONAL AND BIDIRECTIONAL		
	<b>PRINT SPEED</b>	<b>4 PASS</b>	<b>6 PASS</b>	<b>8 PASS</b>
		16-18 M2/H	13-15M2/H	10-12M2/H
	<b>PRINT CABLETOW CHAIN</b>	FLEXIBLE SILENT TOW CHAIN		
	<b>NEGATIVE PRESSURE SYSTEM</b>	NEW DUALINTEGRATED NEGATIVE PRESSURE, COLOR WHITE INDEPENDENT CONTROL		
	<b>MEDIUM HEIGHT DETECTION</b>	AUTOMATICALTIMETER COMPONENTS MAKE MATERIAL POSITIONING HEIGHT MORE ACCURATE		
	<b>INKSUPPLY MODE</b>	AUTOMATIC POSITIVE AND NEGATIVE PRESSURE CLEANING SYSTEM, EASIER TO OPERATE, IMPROVE THE LIFE OF THE NOZZLE		
	<b>LIGHTING PROTECTION SYSTEM</b>	AVOID DAMAGE TO EQUIPMENT DUE TO LIGHTNING WEATHER		
	<b>COLLISIONAVOIDANCE SYSTEM</b>	PREVENT THE DAMAGE OF THE NOZZLE DUE TO MATERIAL DEFORMATION IMPROVE THE STABILITY OF THE EXTENSION NOZZLE AND THE MACHINE		
	<b>POWER SOURCE</b>	SHANGHAI MINGWEI POWER SUPPLY		
	<b>INK DISPLAY SYSTEM</b>	AUTOMATIC DISPLAY OF INK MARGIN TO AVOID INK EMPTY,AFFECTINGTHE PRINTING EFFECT		
	<b>TEMPERATURE LIFTING1 SYSTEM</b>	INCREASE THE TEMPERATURE OF THE PRINTER HEAD TO ENSURE INK FLOW		
	<b>INK PASSESTHROUGH THE FILTER</b>	TWO FILTERS: MAIN INK PATH DISC (5.0UM) HEAD FILTER(20UM)		
<b>BOARD CARD</b>	SATA8-HEAD G63.0 DUAL-Y BOARD			

PRODUCT PARAMETER	<b>RIP SOFTWARE</b>	MONTAI (OPTIONAL: PRINTFACTORY, NETHERLANDS, PHOTOPRIN, USA)		
	<b>IMAGE FORMAT</b>	TIFF, JPEG, POSTSCRIPT3, EPS, PDF, ETC.		
	<b>COLOR CONTROL</b>	ICC COMPLIANT WITH CURVE AND DENSITY ADJUSTMENT		
	<b>JUNCTION</b>	USB HIGH-SPEED TRANSMISSION		
	<b>MAIN INK DRUM</b>	2 LITER MAIN INK CARTRIDGE, LEVELINDICATOR ALARM		
	<b>COLORS</b>	BLACK, BLUE, RED, YELLOW AND WHITE (LIGHT BLUE, LIGHT RED GLOSS OIL) 8 COLOROPTIONS		
	<b>MAXIMUM OUTPUT SIZE</b>	2500MM X 1300MM		
	<b>PRINTABLE MEDIA</b>	GLASS, ALUMINUM—PLASTIC BOARD, WOODEN BOARD, GUSSET BOARD, CEILING, ORGANIC BOARD, CERAMIC, WAVEGRAIN BOARD, FOAM BOARD, METAL BOARD, PLASTIC, FABRIC, WALLPAPER, BRICK, STONE, ETC		
	<b>MAXIMUM MATERIAL THICKNESS</b>	0-100MM		
	<b>POWER INPUT</b>	50HZ/60HZ,220V/110V(110%)>35A		
	<b>ENVIRONMENTAL REQUIREMENTS</b>	TEMPERATURE 20°C-35°C, HUMIDITY40%-60%		
	<b>MACHINE SIZES</b>	4210*2000*1380MM[L X W X H]		
	<b>PACKAGE SIZES</b>	4550*2400*1550MM[L X W X H]		
	<b>GROSS WEIGHT</b>	1250KG (THE ACTUAL MACHINE SHALL PREVAIL,ANDA SMALL DEVIATION SHALL BE THE NORMAL RANGE)		
	<b>MACHINE SKELETON</b>	MACHINE SKELETON AFTER HEAT TREATMENT, TRIANGULAR STRUCTURE, USING HIGH PRECISION PLANER MILLING FINISHING		
	<b>PRINTHEAD BASE PLATE</b>	AVIATION ALUMINUM 8—HEAD BASE PLATE, INDEPENDENT FINE ADJUSTMENT OF NOZZLE, BLACKENING TREATMENT, ANTI—REFLECTION		
	<b>UV INK</b>	IMPORTED INK (SOFT, NEUTRAL, HARD, OPTIONAL ACCORDING TO DEMAND)		
	<b>UV LAMP</b>	LED KOREALG LAMPBEADS2900W-1400W-2000W-2700W (ASSEMBLEDACCORDINGTO CONFIGURATION)		
	<b>UV LAMP HEAT DISSIPATION</b>	WATER COOLING, WATER FLOW PROTECTION, HIGH TEMPERATURE ALARM, (HIGH POWER WATER TANK COMPRESSION COOLING)		
	<b>WHITE INK CIRCULATION SYSTEM</b>	MAIN INK CIRCUIT CIRCULATION, INK CARTRIDGE MIXING. THE SOFTWARE CONTROLS THE AUTOMATIC CIRCULATION TO PREVENT INK DEPOSITION		
<b>INK TRUCK LIFTING GUIDE</b>	SILENT GUIDE RAIL			

PRODUCT PARAMETER	<b>INK LIFT MOTOR</b>		DOUBLE SPINDLE STEPPER MOTOR
	<b>ADSORPTION PLATFORM</b>	<b>MATERIAL</b>	4 PARTITION THICKENED 38MM HARD OXIDATION PLATFORM (SCRATCH RESISTANT, DIRTY AND BEAUTIFUL)
		<b>SUCTION FAN</b>	SINGLE 2200W TURBINE SUCTION MOTOR (WITH PRESSURE RELIEF VALVE AND SILENCER)
	<b>X-AXIS</b>	<b>TRANSOM</b>	INDUSTRIAL—GRADE HIGH—STRENGTH STEEL BEAM, TWICE TEMPERED SEGMENT WELDING HIGH—PRECISION 6— SIDE GANTRY FINISH MILLING
		<b>RAIL</b>	HIGH-SPEED SILENT RAIL
		<b>SERVO CONTROLLER</b>	LINEAR MOTOR SERVO CONTROL DRIVER
		<b>ELECTRIC MACHINE</b>	MAGNETIC LEVITATION HIGH-SPEED LINEAR MOTOR
	<b>Y-AXIS</b>	<b>RAIL</b>	DOUBLE GUIDE RAIL (TAIWAN SHANGYIN HIGH-SPEED SILENT INDUSTRIAL GUIDE RAIL)
		<b>LEAD SCREW</b>	DOUBLE SCREW DRIVE (TAIWAN PMI HIGH- SPEED SILENT INDUSTRIAL SCREW)
		<b>SERVO CONTROLLER</b>	400W DRIVER (DUAL SERVO)
		<b>ELECTRIC MACHINE</b>	400W SERVO MOTOR (DUAL MOTOR)
	<b>GRATING SCALE</b>		MAGNETIC GATE (OPTIONAL METAL GRATING 1U ACCURACY)

## APPLICATION FIELD



### ARTS AND CRAFTS INDUSTRY

PENDANTS, BAMBOO BASKETS, SMALL METAL TAGS, BUTTONS, BROOCHES, EARRINGS, BOOKMARKS, RUBIK'S CUBE, REFRIGERATOR MAGNETS, KEY CHAINS, ETC



### 3C DIGITAL INDUSTRY

WATCH, U DISK, HEADSET, MOBILE POWER SUPPLY, MOBILE PHONE CASE, TEMPERED FILM, SMALL SPEAKER, POWER CORD, WATCH, MOUSE, ETC



### STATIONERY INDUSTRY

BALLPOINT PEN, GLASSES CASE, NOTEBOOK, PENCIL CASE, RULER, ERASER, MOUSE PAD, STAPLER, PENCIL, LABEL PAPER, ETC



### PERSONALIZED GIFT CUSTOMIZATION

SLATE PAINTING, MOBILE PHONE CASE, JIGSAW PUZZLE, CAR PENDANT, STATIONERY GIFT SET, GIFT LIGHT, ETC