



ROYO MACHINERY

UV single pass printer

SHC260/SCH530/SCH790/SCH1100

A universal printer that breaks through
conventional UV printing and has
unparalleled speed

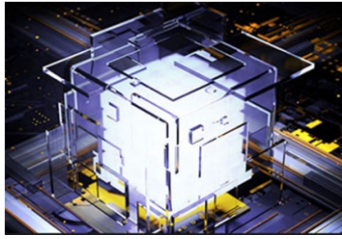


SPECIFICATIONS

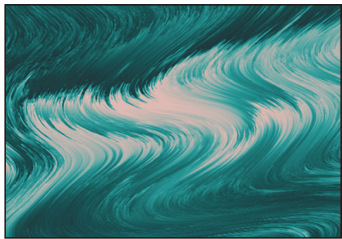
Model type	SHC260 / SHC530 / SHC790 / SHC1100
Printing size	1100
Printing width	8H~260mm 16H~530mm 24H~790mm 32H~1100mm
Printhead type	I3200-U1/I3200-A1
Color	C/M/Y/K
Rip software	PohtoPRINT
Media thickness	80mm
Sustain weight	30kg
Printing resolution	600dpi*600dpi, 600dpi*1200dpi
Lifting function	Intelligent lifting, electronic automatic/manual intelligent sensor detection and height adjustment
File format	TTIF(RGB&CMYK),BMP,PDF,EPS,JPEG
Ink system	1000ml*4colors
No.of print heads	8~32pcs
Printing speed	high speed : 35 Medium speed : 30 Slow speed : 25
Power consumption	50Hz/60Hz, 110/220VAC(±10%)
Interface	Gigabit Ethernet transmission interface
Operation system	Win7/Win8/Win10 64
Operation condition	15℃~35℃
Dimensions	2230*2500*1500
Packing size	2290*2560*1700
Paper feeder	1000W
UV LED/UV	1800W
Suction	2500W

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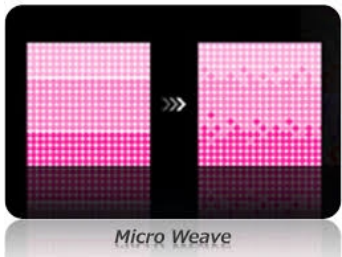
TECHNOLOGY



1. Independent research and development of the printer motherboard, perfect match with the printer, better stability, with automatic picture feathering function and automatic automatic gap printing.



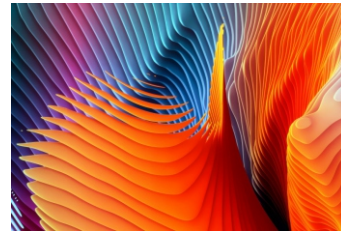
2. Generates 3 dot types for smoother gradation, vivid colors and sharp images. Excellent vivid details in mid tone areas. No need to use light colors hence reduces ink usage.



3. The unique micro-feathering technology relies on algorithms to deliberately disperse the arrangement of ink dots, compensate for paper feeding errors, and eliminate the edge phenomenon of the printing belt.



4. The unique ink supply scheme of the print head, double negative pressure system, adopts ink supply and circulation method, which makes printing more stable.



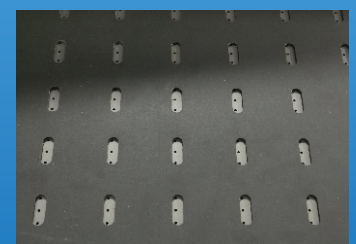
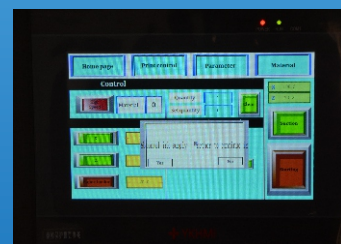
5. Faster file processing speed to save more time. Friendly and easy-to-use color control, advanced color management engine and color processing tools, smooth gradients, bright colors can achieve excellent print quality, and advanced dithering mode with photo-real output. Standard built-in ICC profile suitable for various media and printing modes. Option to use third-party RIP.



6. The fully digital single pass UV printer can provide more flexible printing methods and richer printing solutions. Flexible and fast printing methods enhance the customer's advantage in a competitive environment where every second counts.



7. The works printed with inks that have been thoroughly tested by sunthinks manufacturers have more vivid colors and more stable and fine inkjet inks, making the life elements in the pictures come alive.



8. The equipment adopts PLC control, simple operation, and can be used with other equipment according to customer's customized requirements, convenient and fast, and strong compatibility.

9. The belt adopts a fully automatic correction scheme and a reasonable suction holedesign, which firmly absorbs the material during the transportation of the material, so that the quality of the printing is higher.



FEATURES



Rich printing solutions

It can complete all the solutions that ordinary UV flatbed printers can print. Such as wood, stainless steel, plastic products, glass, slate, ceramic tiles, mobile phone cases, kraft paper, corrugated boxes, wallpaper, acrylic materials and soon.

Convenient and fast

It eliminates tedious procedures such as plate making, imposition, color correction, and has absolute advantages in small and medium-sized batch printing and urgent documents. All electronic patterns generated by typesetting, design software and office application software can be directly output.

Save manpower

Traditional printing presses require high printing technology for workers, a lot of labor, a cumbersome adjustment process, time-consuming and labor-consuming, and low production efficiency; ONE PASS high-speed plateless printing presses use computer graphics, computer color toning, computer storage, and on-demand printing. Time-saving, labor-saving and high production efficiency.

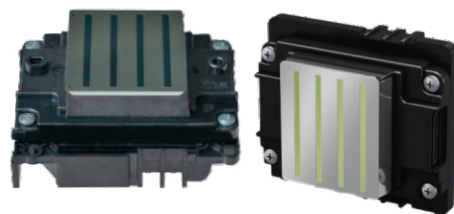
Low carbon and environmental protection

Traditional printing presses need to clean the machine when changing varieties, which will produce a lot of sewage and pollute the environment; the ONE PASS high-speed plateless printing machine adopts four primary-color inkjet printing technology without washing the machine.



Unparalleled printing speed

The ultimate printing experience, high-speed printing can be completed without losing the printing accuracy, which can print 40m²/min.



Rich choice

There are UV print heads and water-based ink print heads to choose from. And provide 4 kinds of print sizes, you can choose the configuration you need according to your printing needs.



Worry-free suit

The combination of the paper feeder and the paper taker saves laborious and tedious operations and completes the printing task efficiently.

