X20 Hybrid
SYSTEM SPECIFICATIONS

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Flora X20
High Productivity UV Hybrid

Improve your printing versatility using a UV Hybrid solution powered by Ricoh.

GENERAL

Ink Type	UV Curable
Head Type:	Ricoh GEN6 high speed piezo durable print heads (MH5320)
Resolution:	300dpi, 600dpi, 900dpi, 1200dpi
Droplet Size:	5pl
Curing Method:	LED Lamps (Water Cooled)
Ink Set Combinations:	4-colour mode (CMYK) - 4 Gen6 Printheads
	5-colour mode (CMYK + Double White) - 6 Gen6 Printheads
	6-colour mode (CMYK + White + Clear) - 6 Gen6 Printheads
Ink Bottle Capacity:	1L
Ink Tank Capacity:	2.5L
RIP Software:	ColorGATE ProductionServer - Ricoh Hybrid Edition

PRODUCTIVITY

Draft:	2 Pass - 726x300dpi @ 116m^2/h
Production:	4 Pass - 726x600dpi @ 67m^2/h
Standard:	6 Pass - 726x600dpi @ 49m^2/h
Quality:	8 Pass - 726x600dpi @ 35m^2/h
High Quality:	12 Pass - 726x600dpi @ 27m^2/h

MEDIA HANDLING

Handling:	Adjustable vacuum belt drive system with 2 modular tables included
Thickness:	51mm
Media Size:	Maximum W2000
Media Feed Length:	Maximum 300m or less
Roll Outside Diameter:	Maximum 300mm or less

ENVIROMENT CONSIDERATIONS

Temperature:	20-30°C
Humidity:	40-80% (non condensing)
Dimensions	(W × D × H) 4200mm x 1000mm x 1750mm
Weight:	1700kg (Printer only), 1900kg (Printer and Tables)
Interface:	USB 3.0
Power Source:	AC220-240V Single Phase 50/60Hz 32A

PC SPECIFICATIONS - Minimum

Print Control Software only

Windows OS:	Windows 11
CPU:	Intel Core i7 3.3GHz or more recommended
RAM:	8GB or more recommended
HDD:	Recommended - 500GB or more
	Install Space - 1GB or more
	Working Space - 100GB

ColorGATE Select Version (bundled)

Windows OS:	Windows 11
CPU:	Intel Core i7 Quad Core
RAM:	16GB or more recommended
HDD:	Recommended - 500GB or more
	Working Space - 120GB

PC Monitor

Size:	21-23 inch
Resolution:	1280 x 1024, 16-bit or higher
Mount:	VESA Standard 75 -115mm

COLORBASE
https://colorbase.com/ricoh

Up to 116m^2/h
Full colour on rigid or flexible

FLORA
Powered by RICOH

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FLORA

Explore the huge potential of UV Hybrid printing offered by Ricoh

Get ready for high flexibility and versatility for your business. Ricoh's new offering can transform your commercial printing.

An ALL-IN-ONE solution that offers a combination of features that make it versatile and suitable for a variety of applications.

High quality printing on rigid and flexible materials, productivity and speed are part of our proposition, and automatic features such a media height detection and vacuum operator pedal simplify the process.

A simple, intuitive and flexible solution with an easy return on investment. Hybrid UV printing technology is increasingly popular among signmakers, graphics manufacturers, design & advertising agencies, retailers and screenprinting companies.

Let Ricoh support you.

Ricoh Printheads
Ricoh's MH5320 variable dot Gen6 inkjet printheads are made of stainless steel, designed to deliver day-one quality over years of reliable use.

LED UV Curing Lamps
Angled and water cooled LED curing lamps - better colour fixing and energy saving.

Adjustable Vacuum
Pedal operated and adjustable vacuum printing platform stabilises media feed, simplifying operator usage

RIP Software
ColorGATE A RICOH Company

ProductionServer Select Ricoh Hybrid Edition, where precision meets automation to help you bring your printing operations to new heights.

Ink Configurations
3 available;
- CMYK (4 Gen6 Printheads)
- CMYKWW (6 Gen6 Printheads)
- CMYKWCl (6 Gen6 Printheads)

C M Y K W Cl

LED Lightbox System
Built-in LED light strip to preview print quality during print.

RICOH
UV Hybrid
Proposition

Auto Media Detection
Automatic media location and thickness detection system.

Ricoh COLORBASE Portal
Dedicated Ricoh ICC profile portal
https://colorbase.com/ricoh

Linear Motor
High speed and smooth carriage motion, offering high acceleration and deceleration, reducing maintenance and energy consumption.

Ricoh Service & Support
Ricoh EMEA Sales and Service support to offer consultancy during demos and media testing. Onsite support during device installation and configuration.