

RICOH Pro TF6250

The new RICOH Pro TF6250 UV Flatbed Printer supports a wide range of applications requiring high adhesion, productivity and image quality



Pro™
TF6250
116 full
m²/h colour
in draft mode

Up to **116m²/h** : High Productivity

and versatile printing possibility

The best entry model for digital decoration surface market

*Productivity varies depending on ink type and print mode.



Tap into the profitable sign and graphics market by producing products fast and efficiently on substrates up to 11cm thick with the RICOH Pro TF6250 UV flatbed printer.

Developed by Ricoh, the RICOH Pro TF6250 helps you expand your offerings with applications for emerging markets, including short-run packaging, promotional products, and industrial and interior décor. Achieve industry-leading productivity and pursue ambitious growth plans fueled by high profit potential, low operating costs, superb image quality and exceptional reliability.

High Performance

Printing Speeds up to 116m²/h

RICOH Pro TF6250 has industry leading print speeds of up to 116m²/h in 4C draft mode and 48m²/h in 4C standard mode. Driven by Ricoh's own highly accumulated industrial grade printhead technology. The 12 MH54 series printheads in a three row staggered alignment, ensure high productivity and superior image quality that is ideal for the most demanding production requirements.

*Primer is available for all print modes in standard configuration.

Choose Ink Configuration

The RICOH Pro TF6250 has two colour configurations to choose from

» **Standard** : C, M, Y, K, W, Cl, Pr

» **Double White** : C, M, Y, K, W, W : For increased white printing productivity

MODE	VARIATIONS
Standard	C, M, Y, K, W, Cl, Pr
Double White	C, M, Y, K, W, W

High Quality

Value-added Printing

With 3 different ink sets to choose from, the RICOH Pro TF6250 allows you to select the ideal ink type for your application, media and usage needs.

» **RICOH Pro UV Ink T7210** - High Adhesion Ink

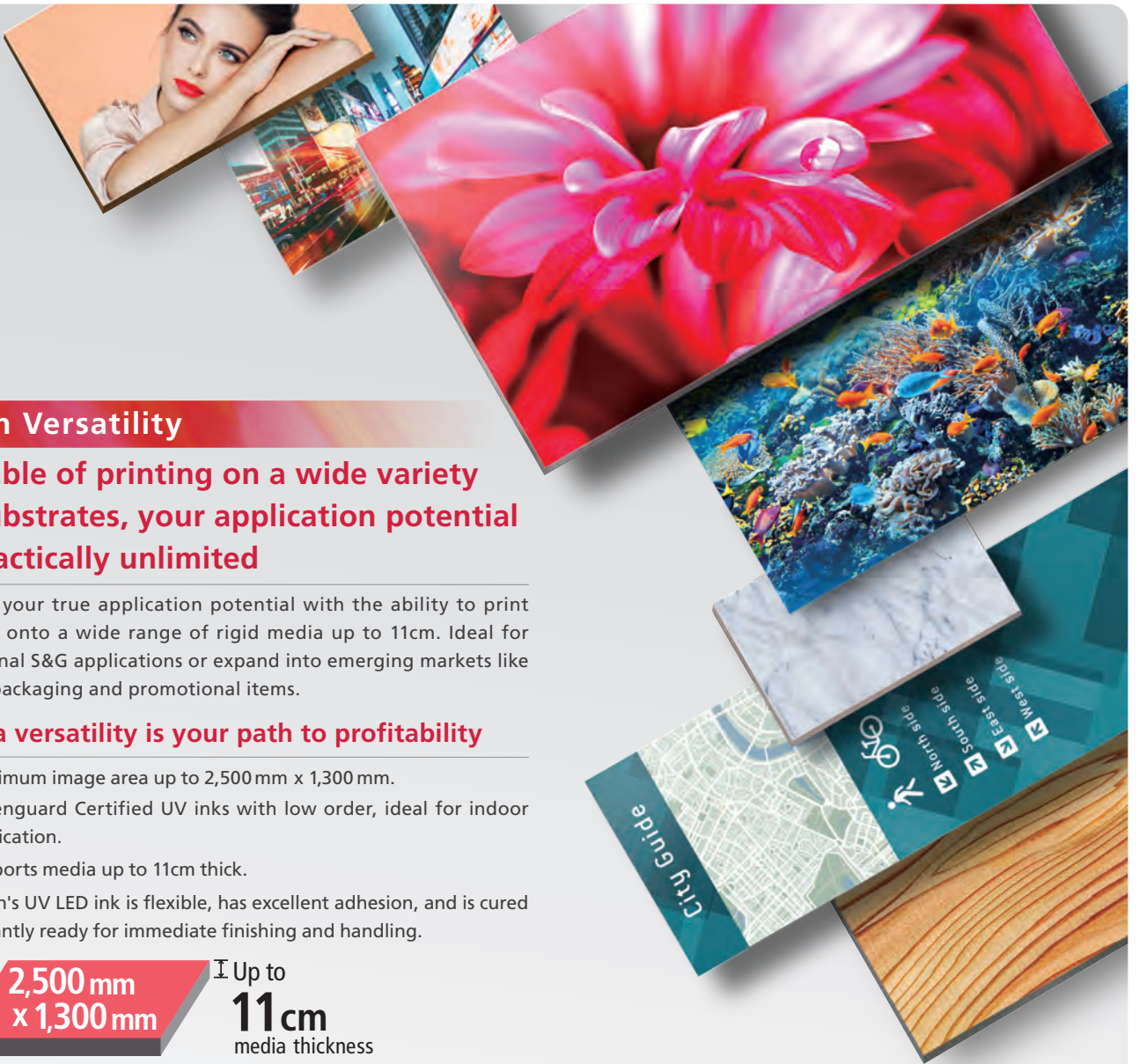
» **RICOH Pro UV Ink GP120** - Superior Colour Gamut Ink

» **RICOH Pro UV Ink DG130** - Versatile Ink for High Adhesion and wide Colour Gamut Ink

Image Quality

Designed to deliver day-one quality over years of reliable use, Ricoh's MH54 series printheads are constructed of durable stainless steel and feature 1,280 nozzles per printhead with a native resolution of 600 dpi. Multi-drop capabilities allow for 4 levels of gray-scale ensuring precision printing for crisp detail, sharp, accurate text, smooth gradations, and life-like skin tones.





High Versatility

Capable of printing on a wide variety of substrates, your application potential is practically unlimited

Realize your true application potential with the ability to print directly onto a wide range of rigid media up to 11cm. Ideal for traditional S&G applications or expand into emerging markets like décor, packaging and promotional items.

Media versatility is your path to profitability

- 1 Maximum image area up to 2,500 mm x 1,300 mm.
- 2 Greenguard Certified UV inks with low order, ideal for indoor application.
- 3 Supports media up to 11cm thick.
- 4 Ricoh's UV LED ink is flexible, has excellent adhesion, and is cured instantly ready for immediate finishing and handling.

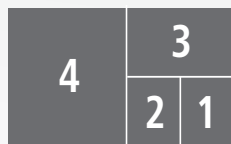
2,500 mm
x 1,300 mm

Up to
11cm
media thickness

Usability

Multi Zone Vacuum System

4 independent vacuum zones supports printing onto irregular, odd shaped or multiple pieces media, eliminating the need for pre masking.



Front access maximise operator productivity

Located at the front of the system, RICOH Pro TF6250 provides operators easy access to the ink tanks to easily manage supply levels.



Ionizer Function

The ionizer function helps to eliminate static, ensuring optimal jetting accuracy. This results in consistent image quality and productivity.

Media Handling Capabilities

» Registration Pins

Registration pins allow you to accurately position media on the table, ensuring precise registration for double sided printing and accurate image placement.

» Automated media height detection

The automated media height detection feature measure the media height and accurately position the printheads and carriage to the ideal printing position.

High Reliability

» The added value of Ricoh Technology

With over 30 years of experience and a leading innovator in the digital ink jet market RICOH developed RICOH Pro TF6250, inks and printheads are designed to bring added value to your business with the dependability and innovation you have come to expect from Ricoh.

» Easy maintenance

The automated cleaning station (or automated maintenance) simplifies daily operator routines. The crash detection sensor minimizes media strikes and protects the printheads.

» Safety care

Ricoh's "human sensor" protects your operators from harm during the printers operation.

RICOH Pro TF6250

SYSTEM SPECIFICATIONS

RICOH Pro TF6250

Model name	RICOH Pro TF6250	
Type	True flatbed	
Print method	UV Inkjet	
Head type	RICOH MH54SERIES	
The number of inkjet heads	12	
Resolution	MAX : 635 x 1,800 dpi	
Ink type	UV	
Ink	CMYKW, Clear and Primer	
Ink Variation	RICOH Pro UV Ink T7210, GP120, DG130	
Ink Configuration	Standard , Double White	
Curing method	LED	
Ink bottle capacity	CMYK and Clear	1 L for each
	White	850 ml / 900 ml
	Primer	1 L
Ink tank capacity of Machine	2.5 L	
Media	Rigid materials : ACRYLIC, PETG, PC, PVC, GLASS, ALUMINIUM, STEEL, WOOD, MDF	
Max printing size (W x D)	2,500 x 1,300 mm	
Media	Max size	2,510 x 1,310 mm
	Thickness	110 mm
	Weight	45 kg/m ²
	Roll option	N/A
Interface	USB 3.0	
Colour Rips	ColorGATE Productionserver	
Dimensions	Width	4,812 mm
	Depth	2,200 mm
	Height	1,580 mm
Weight	Less than 1,500 kg	
Vacuum area	Up to 4 sections	
Power Supply	EMEA/Asia 20Amp 3-phase 380-415V NA/JPN 32Amp 3-phase 200-240V	

Print Speed

Mode			RICOH Pro UV Ink Bottle T7210	RICOH Pro UV Ink Bottle GP120	RICOH Pro UV Ink Bottle DG130	
Standard	4C	Draft	116 m ² /h	116 m ² /h	116 m ² /h	
		Production	64 m ² /h	64 m ² /h	64 m ² /h	
		Standard	48 m ² /h	48 m ² /h	48 m ² /h	
		Quality	32 m ² /h	32 m ² /h	32 m ² /h	
	4C + W	High Quality	16 m ² /h	16 m ² /h	16 m ² /h	
		Draft	-	-	-	
		Production	30 m ² /h	30 m ² /h	30 m ² /h	
		Standard	15 m ² /h	15 m ² /h	15 m ² /h	
	Double White	4C	Quality	10 m ² /h	10 m ² /h	10 m ² /h
			High Quality	6 m ² /h	6 m ² /h	6 m ² /h
			Draft	-	116 m ² /h	116 m ² /h
			Production	-	64 m ² /h	64 m ² /h
4C + W	4C	Standard	-	48 m ² /h	48 m ² /h	
		Quality	-	32 m ² /h	32 m ² /h	
		High Quality	-	16 m ² /h	16 m ² /h	
		Draft	-	-	-	
	4C + W	4C	Production	-	40 m ² /h	40 m ² /h
			Standard	-	20 m ² /h	20 m ² /h
			Quality	-	13 m ² /h	13 m ² /h
			High Quality	-	10 m ² /h	10 m ² /h

PC specifications

Print Control software

Windows® Operating System	Windows® 10 / 7 (64bit)	
CPU	Intel® Core™ i5 2GHz or more recommended	
RAM	8GB or more recommended	
Screen Resolution	1,152 x 854 minimum, with 16-bit colour or higher	
HDD	Install space	2GB or more
	Working space	100GB

ColorGATE Productionserver (PS) (Professional and advanced colour management - in bundle with mainframe)

Features	High-quality modular components Optimal color rendering Consistency of reproduction at any time Maximum productivity Intuitive control concept and user interface Utilizes the latest Adobe PDF print engine
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ColorGATE
A RICOH Company

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