UV Flatbed Printer

RICOH
Pro TF6250

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

RICOH
imagine. change.

RICOH
Pro TF6250

116 Full Colour
m²/h

RICOH Pro TF6250

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 2 types of 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 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.
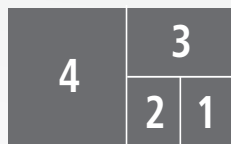
2,500 mm x 1,300 mm

Up to **11 cm** 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.

4	3	
	2	1

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 measures 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 inkjet market, RICOH developed RICOH Pro TF6250, inks and printheads, 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.

Model name		RICOH Pro TF6250
Type		True flatbed
Print method		UV Inkjet
Head type		RICOH MH54SERIES
Number of inkjet heads		12
Resolution		Maximum : 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
Maximum printing size (W x D)		2,500 x 1,300 mm
Media	Maximum size	2,510 x 1,310 mm
	Thickness	110 mm
	Weight	45 kg/m²
	Roll option	N/A
Interface		USB 3.0
Colour Rips		SAi PhotoPRINT DX
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 20A 3-phase 380-415V NA/JPN 32A 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 m²/h	116 m²/h	116 m²/h
		Production	64 m²/h	64 m²/h	64 m²/h
		Standard	48 m²/h	48 m²/h	48 m²/h
		Quality	32 m²/h	32 m²/h	32 m²/h
		High Quality	16 m²/h	16 m²/h	16 m²/h
	4C + W	Draft	-	-	-
		Production	30 m²/h	30 m²/h	30 m²/h
		Standard	15 m²/h	15 m²/h	15 m²/h
		Quality	10 m²/h	10 m²/h	10 m²/h
		High Quality	6 m²/h	6 m²/h	6 m²/h
Double White	4C	Draft	-	116 m²/h	116 m²/h
		Production	-	64 m²/h	64 m²/h
		Standard	-	48 m²/h	48 m²/h
		Quality	-	32 m²/h	32 m²/h
		High Quality	-	16 m²/h	16 m²/h
	4C + W	Draft	-	-	-
		Production	-	40 m²/h	40 m²/h
		Standard	-	20 m²/h	20 m²/h
		Quality	-	13 m²/h	13 m²/h
		High Quality	-	10 m²/h	10 m²/h

PC specifications

Print Control software

Windows® Operating System		Windows® 7 / 10 (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

SAi PhotoPRINT DX (in bundle with RICOH Pro TF6250)

Windows® Operating System		Windows® 7 / 8 / 10
RAM		4GB or more recommended
Screen Resolution		1,152 x 854 minimum, with 16-bit colour or higher
HDD	Install space	400MB for base program plus extra install space for ICC Profiles
	Working space	4GB or more
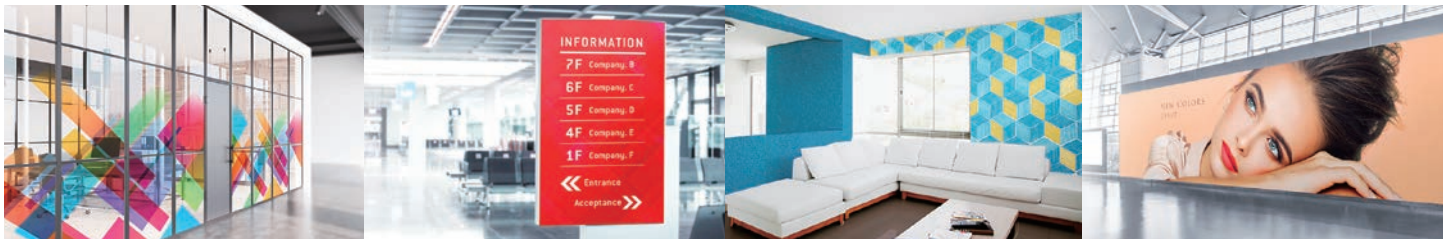
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- The actual colour of the product may vary from the pictures.
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