

UV Flatbed Printer

RICOH Pro TF6250

✓ Printer ✓ Flatbed

RICOH
imagine. change.



Pro TF6250

116
m²/h
in draft mode

Full
Colour

Up to **116** m²/h : High Productivity

and versatile printing possibilities

» The latest addition to the Ricoh range of large format printers



Tap into the profitable sign and graphics market by producing products fast and efficiently on substrates up to 110 mm 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 116 m²/h

The RICOH Pro TF6250 has industry leading print speeds of up to 116 m²/h in 4C draft mode and 48m²/h in 4C standard mode. Driven by Ricoh's own highly acclaimed 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.

Choice of Ink Configurations

The RICOH Pro TF6250 has two colour configurations to choose from

- » **Standard:** Cyan, Magenta, Yellow, Black, White, Clear, Primer
- » **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 two different ink sets to choose from, the RICOH Pro TF6250 allows you to select the ideal ink set 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 grey-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

Realise your true application potential with the ability to print directly onto a wide range of rigid media up to 110 mm thick. Ideal for traditional signage and graphics 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 110 mm 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
110 mm
media thickness

Usability

Multi-Zone Vacuum System

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



Front Access Maximises Operator Productivity

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



Ioniser Function

The ioniser 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 positions the printheads and carriage to the ideal printing position.

High Reliability

» The added value of Ricoh technology

With over 40 years of experience and a leading innovator in the digital ink jet market, RICOH-developed 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 minimises media strikes and protects the printheads.

» Safety

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

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SYSTEM SPECIFICATIONS

General

Model Name:	RICOH Pro TF6250
Type:	True flatbed
Print Method:	UV inkjet
Print Head:	RICOH MH54 Series industrial inkjet heads
Number of Print Heads:	12
Print Resolution:	635 x 1,800 dpi (maximum)
Ink Type:	RICOH UV Ink
Ink:	Cyan, Magenta, Yellow, Black, White, Clear, Primer
Curing Method:	LED
Ink Bottle Capacity:	CMYK and Clear: 1 L for each White: 850 / 900 mL Primer: 1 L
Ink Capacity of Machine:	2.5 L per colour
Print Mode:	4C, 5C, 6C + Primer
Media Types:	Rigid materials: Acrylic, PETG, PC, PVC, Glass, Aluminium, Steel, Wood, MDF, etc.
Max 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/m ² or less Roll Option: N/A
Interface:	USB 3.0
Colour RIP:	SAi Photo Print
Dimensions (W x D x H):	4,812 x 2,200 x 1,580 mm
Weight:	Less than 1,500 kg
Vacuum Area:	Up to 4 sections
Power Supply:	20A, 3-phase 380-415V

Print Speed

4C mode (CMYK)	
Draft:	116 m ² /h
Production:	64 m ² /h
Standard:	48 m ² /h
Quality:	32 m ² /h
High Quality:	16 m ² /h

5C mode (CMYK + White)

Production:	30 m ² /h
Standard:	15 m ² /h
Quality:	10 m ² /h
High Quality:	6 m ² /h

5C mode (CMYK + Double White)

Production:	40 m ² /h
Standard:	20 m ² /h
Quality:	13 m ² /h
High Quality:	10 m ² /h

Print Controller Requirements

Print Control Software

Operating System:	Windows 10 / 7 (64-bit)
CPU:	Intel Core i5, 2GHz or more recommended
Memory:	8GB or more recommended
Screen Resolution:	1,152 x 854 minimum, with 16-bit colour or higher

SAi Flexi Print DX (software supplied with RICOH Pro TF6250)

Operating System:	Windows 10 / 8 / 7
Memory:	1GB minimum, 4GB or more recommended
Screen Resolution:	1,152 x 854 minimum, with 16-bit colour or higher
Install Space:	1GB free for base program plus extra install space for ICC profiles Working disk space 4GB



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