UV Flatbed Printer

RICOH
Pro T7210

☑ Printer   ☑ Flatbed

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Pro T7210

115
m²/h
in draft mode

Full
Colour

Up to **115** m²/h : High Productivity

To support the most demanding production environments

The latest addition to the Ricoh range of large format printers

The new RICOH Pro T7210 UV Flatbed combines impressive print speed and excellent image quality. Built for productivity with customisation capability and material versatility. The integrated vacuum table with pin registration makes handling and positioning of materials easy. Full bleed printing eliminates the need for trimming or cutting, reducing finishing time.

High Performance

A Maximum Print Speed of up to 115 m²/h

The RICOH Pro T7210 has an impressive print speed of up to 115 m²/h in 4C draft mode and 49 m²/h in 4C standard mode. The system uses Ricoh's own highly acclaimed Piezo Multi-drop RICOH MH54 series print heads—configured in three rows—producing a resolution of up to 635 x 1,800 dpi, enabling detailed grey scale printing and exceptional print quality.

MODE	VARIATIONS
4C	CMYK
5C	4C + W 4C + CL
6C	W+4C+CL

* Primer ink available in each mode.

Ricoh White Ink Expands the Ability of Designers

Printing white ink as a foundation colour layer on transparent or coloured materials helps retain the natural vividness of colours.

Also three layered printing—which prints white ink between colours—shows images on both sides on transparent materials.

High Quality

Value-Added Printing
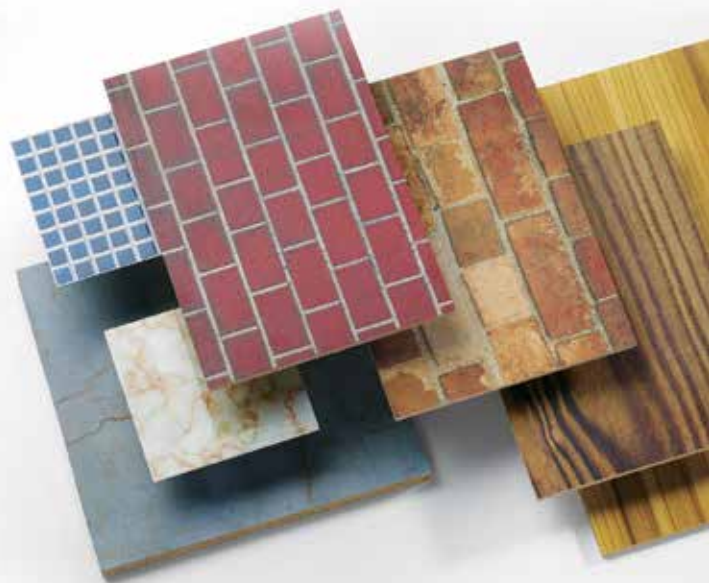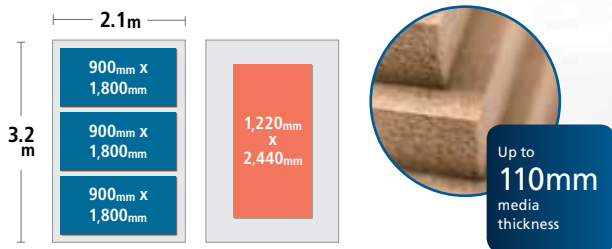
With two different ink sets to choose from, the RICOH Pro T7210 allows you to select the ideal ink set for your application, media and usage needs.

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

» **RICOH Pro UV Ink DG130** – Versatile Ink for High Adhesion and Wide Colour Gamut Ink

High Versatility

Handle Various Materials and Sizes
Up to 110mm Media Thickness

The maximum printing area of 2.1m x 3.2m will accommodate three sheets of 900mm x 1,800mm—or a single sheet of 1,220mm x 2,440mm with a thickness up to 110mm.

2.1m

3.2m

900mm x 1,800mm

900mm x 1,800mm

900mm x 1,800mm

1,220mm x 2,440mm

Up to **110mm** media thickness

Wood, Glass, Metal and so on
Print to Versatile Applications

Ricoh's specially formulated UV inks are designed to meet the wide range of customer requirements in decoration. The ink is flexible with excellent adhesion suitable for post processing, shaping and bending into its final design.

Ease of Use

Multi-Zone Vacuum System

The flatbed is divided into 8 areas. Each area has a variable vacuum switch to control suction—eliminating the need for masking—which is conveniently located close to the operator.

Front Access Maximises Operator Productivity

The RICOH Pro T7210 provides easy access for managing the ink tanks, which are located at the front of the system.

Ioniser Function

The ioniser function helps to create more accurate positioning of the jetting by reducing static electricity on the surface leading to better print quality.

RICOH Technology

Highly Reliable RICOH Print Heads

RICOH inkjet print heads are made of stainless steel, offering excellent durability and extended service life. The multi-drop capability allows the creation of a range of drop sizes enabling detailed grey-scale printing.

High-Quality Image Processing Technology

RICOH technology offers jetting accuracy, high print quality, high resolution and high reliability.

Newly Developed UV Inks and LED Lamps

RICOH UV inks have high adhesion properties for performance on a wide range of rigid industrial materials.

LED is both energy saving and has a longer life, resulting in less downtime to change parts.

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 T7210, 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.

General

Model Name:	RICOH Pro T7210
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 eack 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):	2,100 x 3,200 mm
Media:	Maximum Size: 2,110 x 3,210 mm Thickness: 110 mm Weight: 45 kg/m² or less Roll Option: N/A
Interface:	USB 3.0
Colour RIP:	SAi Photo Print
Dimensions (W x D x H):	4,410 x 3,860 x 1,600 mm
Weight:	Less than 2,150 kg
Vacuum Area:	Up to 8 sections
Power Supply:	25A, 3-phase 380-415V

Print Speed

4C mode (CMYK)

Draft:	115 m²/h
Production:	66 m²/h
Standard:	49 m²/h
Quality:	33 m²/h
High Quality:	16 m²/h

5C mode (CMYK + White)

Production:	21 m²/h
Standard:	16 m²/h
Quality:	10 m²/h
High Quality:	7 m²/h

Print Controller Requirements

Print Control Software

Operating System:	Windows 10 / 7 (64-bit)
CPU:	Intel Core i5, 2GHz or more recommended
Memory:	4GB 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 T7210)

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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