



PLATINUM

TECHNOLOGIES

DESIGNED & BUILT BY US



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In high-volume industrial printing, the true metric of success is uptime. Perfect Colours is an award-winning, factory-certified service provider for the world's elite print and finishing brands, including **HP, Epson, and Summa**. When you invest in a Platinum printer, you are backed by a master-tier technical network designed to eliminate downtime.

Maximum Uptime, Immediate Response

Nationwide Engineering Team: We operate a fully employed, manufacturer-trained team of 16 field engineers covering the entire UK. No third-party contractors, just dedicated specialists who know your machine inside out.

Industry-Leading 97% First-Fix Rate: Thanks to extensive local parts allocation and unparalleled technical expertise, 97% of our service callouts are completely resolved on the very first visit.

Live Remote Video Support: Our Bromley based technical support desk features real-time, remote video login capabilities. Your operators can connect instantly with a live specialist to diagnose, troubleshoot, and fix settings on the spot, getting your print line running again without waiting for a site visit.



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The PrintFactory Advantage: Enriching Colour, Eliminating Waste

As the UK's sole distributor and leading value-added reseller for industrial print workflows, Perfect Colours does not just supply hardware; we engineer total production efficiency. Every Platinum UV and Liyu device we deliver is uniquely optimised to save your business time, media, and cost from day one.

Where others provide basic, standard setups, every Platinum printer from Perfect Colours includes the option of our award-winning PrintFactory RIP software. Built to streamline production, this elite workflow and automation engine gives you a definitive competitive edge:

- **Up to 20% Ink Savings:** Advanced, built-in ink optimisation reduces CMY levels and increases black output. You get richer, more vibrant colours with a dramatic drop in ink consumption—completely stabilised without any loss of image quality.
- **Custom Device Profiles:** Every single device is delivered with bespoke, specialist media profiles tailored specifically to your exact substrate mix, guaranteeing colour consistency from the first print to the ten-thousandth.
- **Intelligent Automation:** Features like True Shape nesting, advanced tiling, and unified pre-press job preparation eliminate human error, slashing production time and significantly reducing media waste.



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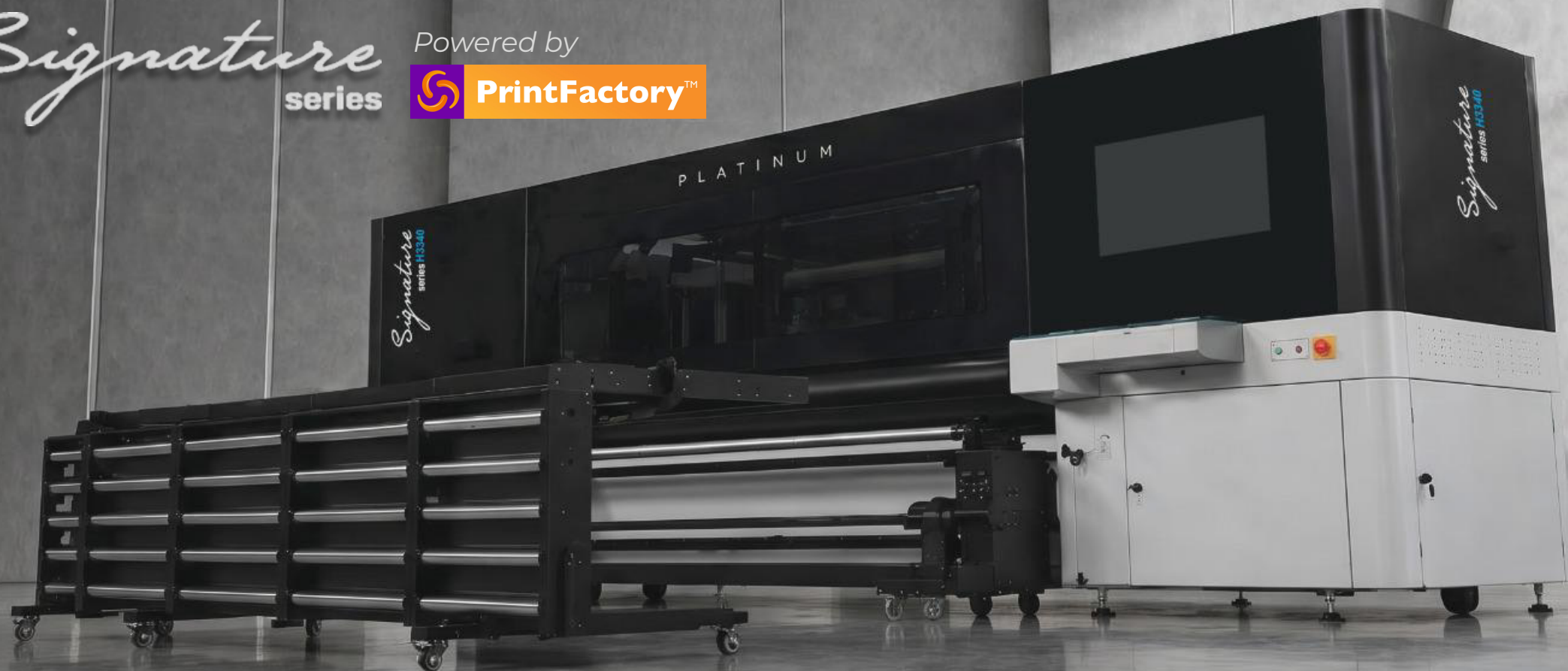
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Signature Hybrid Product Overview

Ricoh Gen 6 – 5pl with grey scale

Mirror Head Configuration

1.200 dpi per pass

10 Colour Configuration

Harmony Printing

Automatic Head Cleaning

Segmented Module LED

25W, 360mm High Power LED

Multi Roll Unit

Additional Anti Static Bar

Foldable Extension Tables

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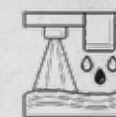
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210 cm
330 cm



350m² max speed



40 print heads



10 colours



2.400 dpi resolution



Draft Mode

250- 350m²/h



Production Mode

120- 160 m²/h



Quality Mode

70- 90 m²/h



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Signature Hybrid Product Overview

Harmony Printing

Additional Anti Static Bar



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- ❑ Harmony printing for continuous board printing
- ❑ Up to 6 sequences to load different images
- ❑ Independent feeding of each sequence
- ❑ Possibility to load different images and board formats
- ❑ Additional antistatic bar on the entire width to support high productivity printing



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Signature Hybrid Product Overview

Automatic Head Cleaning

Multi Roll Unit

Foldable Extension Tables

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- ❑ Automatic print head cleaning to clean 40 print heads in less than 20 sec. without hand touching
- ❑ Multi roll unit to print different media sizes:
 - 1x 320 cm
 - 2x 160 cm
- ❑ 6 separate servo motors on multi roll unit to print different diameter rolls at the same time
- ❑ Foldable extension table at the front and back to print longer media



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Signature Flatbed Product Overview

Flatbed or Flatbed with Roll option

Ricoh Gen 6 – 5pl with grey scale

12 Vacuum Zones

Piano Vacuum System

12 Colour Configuration

Tablet Control

Segmented Module LED

25W, 450mm High Power LED

Additional Anti Static Bar

New Ink Metering System

Tandem Function

Manual and auto media pins

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333x205 cm



1000m² max speed



60 print heads



12 colours



2.400 dpi
resolution



Draft Mode

1000 m²/h



Production Mode

135 – 225 m²/h



Quality Mode

90 – 100 m²/h



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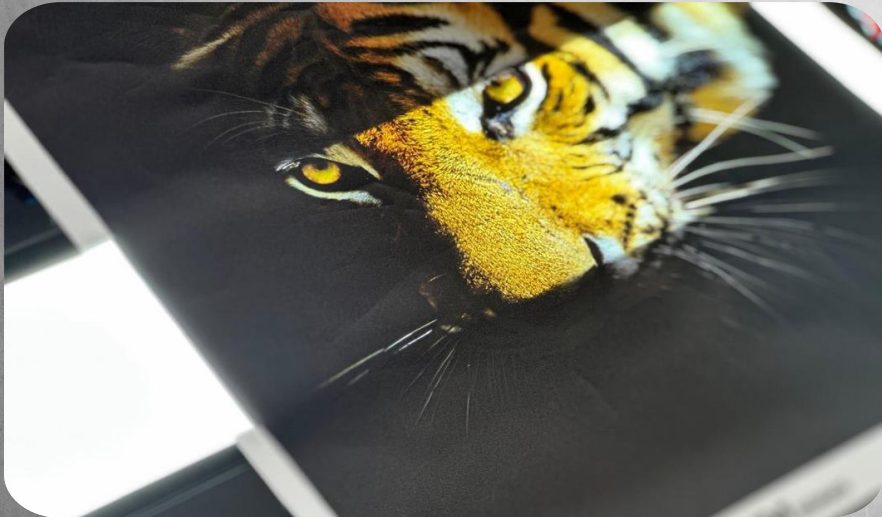
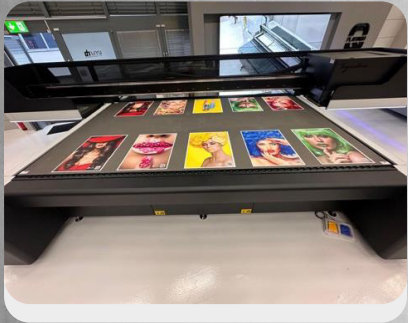


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Signature Flatbed Product Overview

Flatbed or Flatbed with Roll option



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- ❑ Print area: 333 x 205 cm
- ❑ Wide bed size especially suitable for glass printing companies (kitchen splashback panels)
- ❑ Roll options: 1x 3.2m roll or 2x 1.6m rolls
- ❑ Backlight control panel on the front side of the bed



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Signature Flatbed Product Overview

12 Vacuum Zones

Piano Vacuum System



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- ❑ 12 mechanical vacuum zones on the table
- ❑ Individually controlled vertical vacuum lanes every 5 cm
- ❑ No need for masking when printing common board formats; 70x100; 50x70 etc
- ❑ New Vacuum engine design, require less electricity while delivering same power
- ❑ Power of vacuum zones can be controlled between 0 -100%



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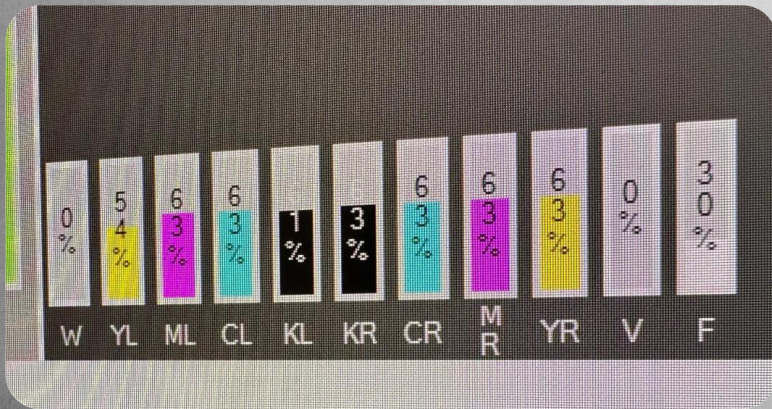
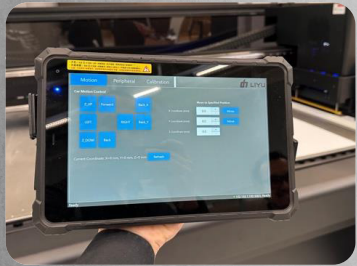


Signature Flatbed Product Overview

Tablet Control

Additional Anti Static Bar

New Ink Metering System



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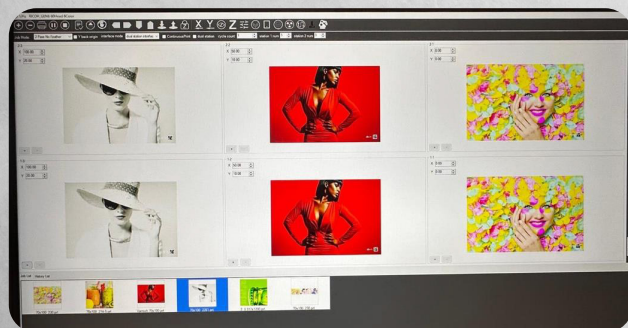


- ❑ Wireless tablet to control printer functions
- ❑ Improved serviceability; calibration with tablet
- ❑ Additional antistatic bar on the beam over the entire width of the flatbed
- ❑ Ink levels shown as true percentages



Signature Flatbed Product Overview

Tandem Function



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- ❑ Tandem function for maximum productivity
- ❑ New Dual Station interface with split screens for multiple sections
- ❑ Ability to define separate X/Y origins for each section



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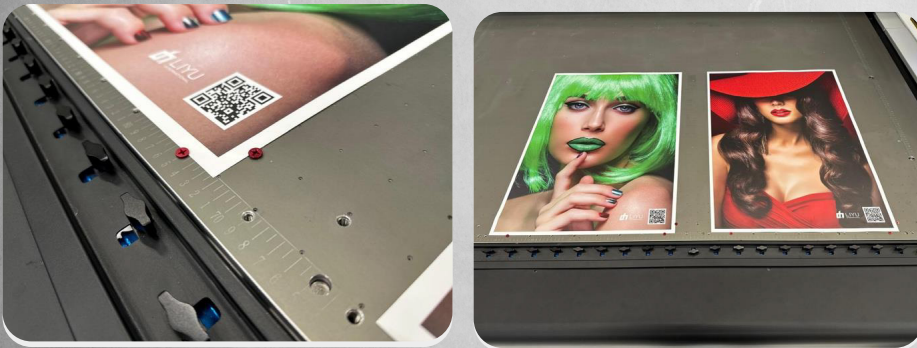


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Signature Flatbed Product Overview

Manual and auto media pins



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- ❑ Pneumatic media registration pins for fast media handling
- ❑ Media registration screws for manual usage on the entire table width
- ❑ Best solution for printing all sizes of boards and for double sided prints
- ❑ Two heights of manual screws for all media types



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Signature Roll to Roll Product Overview

5.3 Meter Printing Width

Ricoh Gen 6 – 5pl with grey scale

Camera Scanning for double sided prints

12 Colour Configuration

Automatic Head Cleaning

Segmented Module LED

25W, 420mm High Power LED

X/Y Slitters

Up to 3 Multi Rolls

Backlight Control Panel

Enhanced Magnetic Linear Drive

Automatic Mesh Kit



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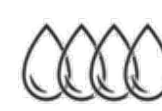
530 cm



1000m² max speed



60 print heads



12 colours



2.400 dpi resolution



Draft Mode

4 rows

680 m²/h

6 rows

1000 m²/h



Production Mode

140-200 m²/h

190– 270 m²/h



Quality Mode

70- 100m²/h

90 – 135 m²/h

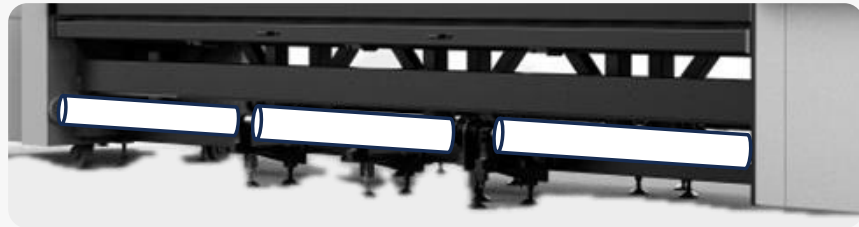


Signature Roll to Roll Product Overview

5.3 Meter Printing Width

Up to 3 Multi Rolls

530cm



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- ❑ 530cm printing width for many different media sizes
- ❑ Industrial 5-meter roll to roll printer with high productivity and indoor printing quality at the same time
- ❑ Many different multi roll variations:
 - 1x 530 cm
 - 2x 250 cm
 - 3x 160 cm
 - 320 cm + 160 cm
 - 250 cm + 160 cm



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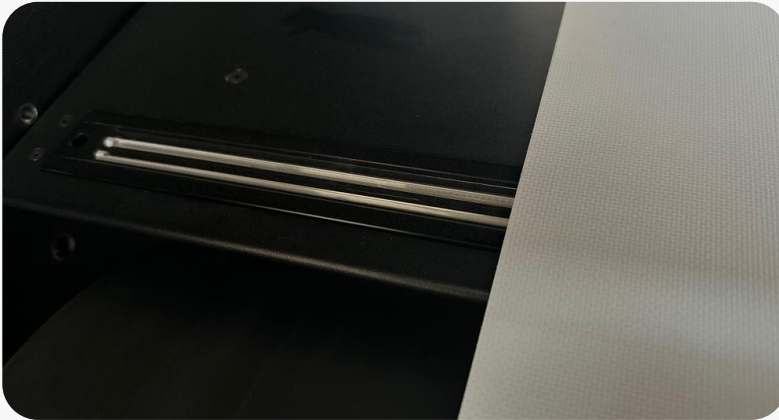


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Signature Roll to Roll Product Overview

Camera Scanning for double sided prints



- ❑ Camera registration system for precise double-sided printing
- ❑ 12 camera used for exact matching



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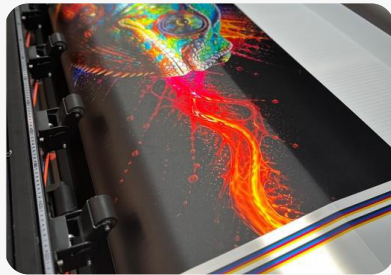
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Signature Roll to Roll Product Overview

Automatic Head Cleaning

X/Y Slitters

Backlight Control Panel



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- ❑ Only 5 Meter printer on the market with automatic print head cleaning
- ❑ Clean all 60 print heads in less than 20 sec. without hand touching
- ❑ X and Y slitters to cut during printing
- ❑ Backlight control box to control print result during printing



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Platinum Q-Pack Overview

2.5m Printing Width

Epson S3200 Print Heads

Water Based Inks

Magnetic Linear Drive

Automatic Head Cleaning

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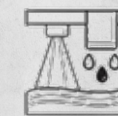
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250 cm



1000m² max speed



16 print heads



4 colours



1200 dpi resolution



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