



# SureColor V7000

4' x 8' UV Flatbed

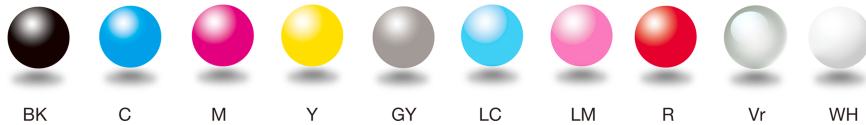
# SureColor V7000



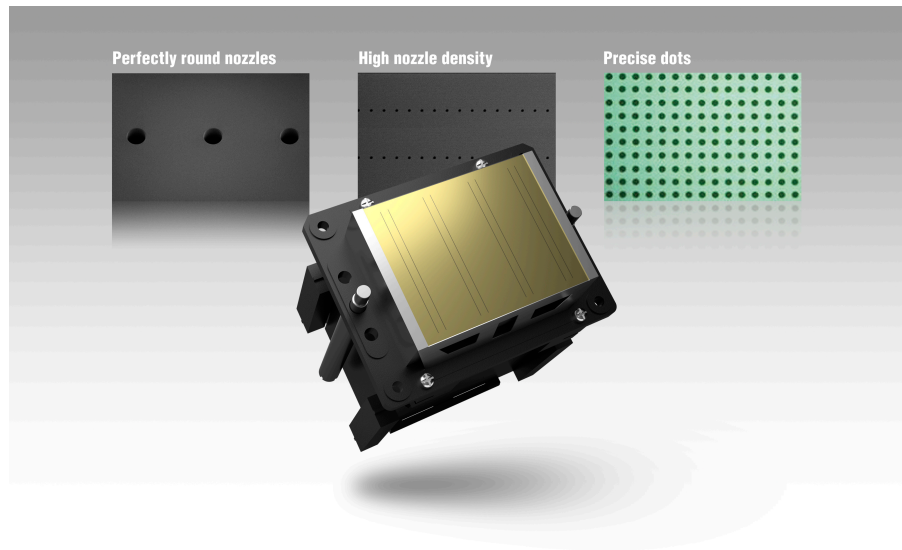
**V7000PE**

- Entry 4' x 8' UV Flatbed
- 10 Colors
- Epson Edge Print RIP
- Print up to 3" thick
- Variable droplet

**ULTRACHROME**  
**UV**  
INK



# MicroPiezo Print Heads



- **8 Micropiezo print heads**
- **4 color print heads, 2 white print heads, 2 varnish print heads**
- **Variable droplet as low as 3.5pl**
- **Accurate placement**



# Epson Quality - UV Printer

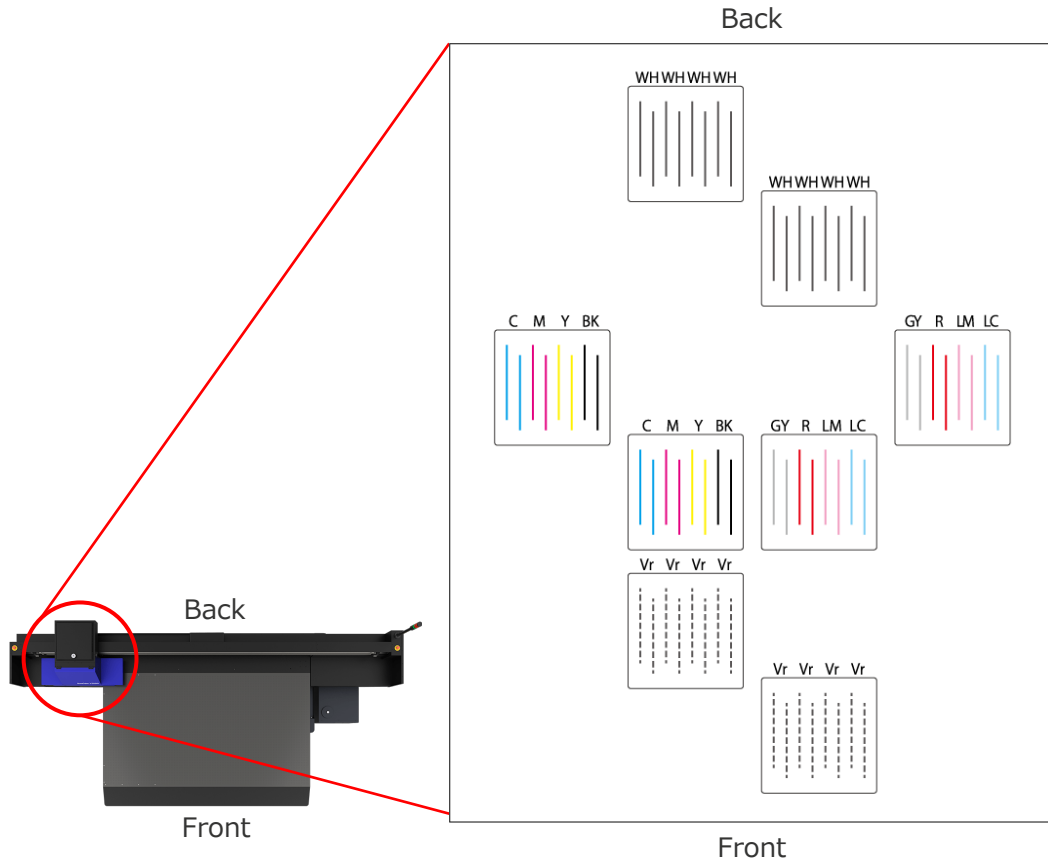


- Only UV flatbed printer under \$200,000 with Red ink\*
- Opaque white ink at production speeds
- Epson quality
- Changing the image quality expectations from a UV flatbed printer

\*as of March 2021



# Print Head Arrangement

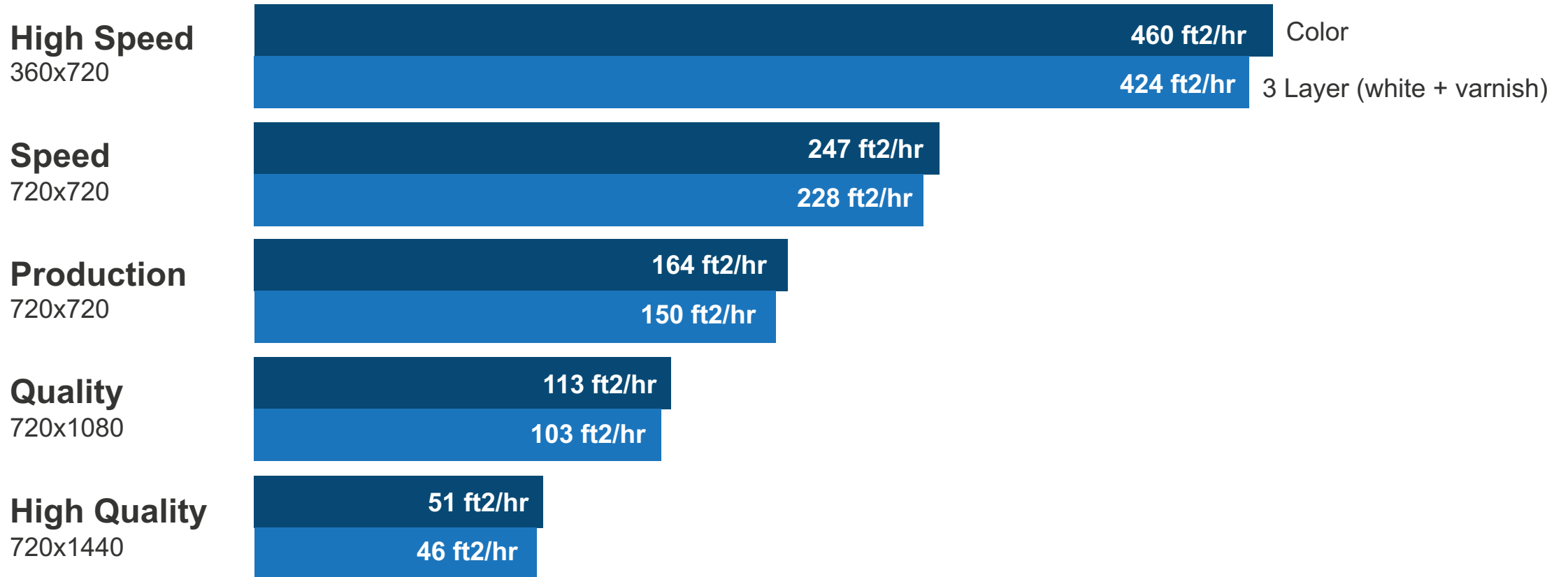


- 8 print heads
- Four color, two white, two varnish
- Minimal speed loss when printing multiple layers
- High productivity



# Print Speeds – Color and 3 Layer

## Minimal speed loss with 3 layer printing



# Fine Print Speeds

Special print modes for increased accuracy on fine text

**Fine Production**  
720x720

77 ft<sup>2</sup>/hr

One Layer Color

**Fine Standard**  
720x720

55 ft<sup>2</sup>/hr

**Fine Quality**  
720x720

29 ft<sup>2</sup>/hr

**Fine High Quality**  
720x1440

8 ft<sup>2</sup>/hr

Media Settings

Media Size:  
Cut Sheet 98x49 in / 2500x1250 m

Media Name:  
General Vinyl

Print Quality:  
Production 720x720

Ad Speed 720x720

Input Quality 720x1080

High Quality 720x1440

Fine Production 720x720

Fine Standard 720x720

Fine Quality 720x720

Fine High Quality 720x1440



# UltraChrome UV Ink



- 1L Ink Bottles
- 10 Color System
- Red and Gray Inks
- White and Varnish
- Low ink cost per mL


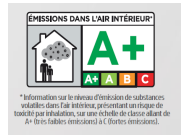
**ULTRACHROME**  
**UV** INK





# UltraChrome UV Ink Certifications



Certification [Country]	SC-V7000	
<b>GREENGUARD (Gold) [WW]</b>		Eco-label for Building material, Interior material
<b>AgBB [Germany]</b>		Eco-label for Building material, Interior material
<b>French-VOC (A+) [France]</b>		Eco-label for Building material, Interior material



# Ink Characteristics

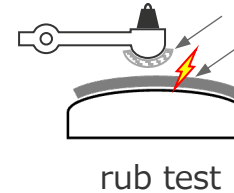
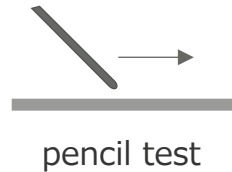
## Flexible Ink

**Color and White = 265%**

**Varnish = 165%**

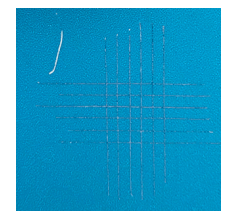
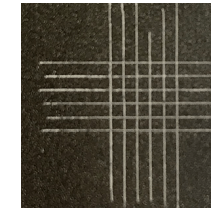
**Tensile strength of ink  
stretchability until cracks occur**

## Scratch/Rub Resistance



**UltraChrome UV ink passed  
pencil and rub tests. Increased  
results when varnish coat applied**

## Adhesion

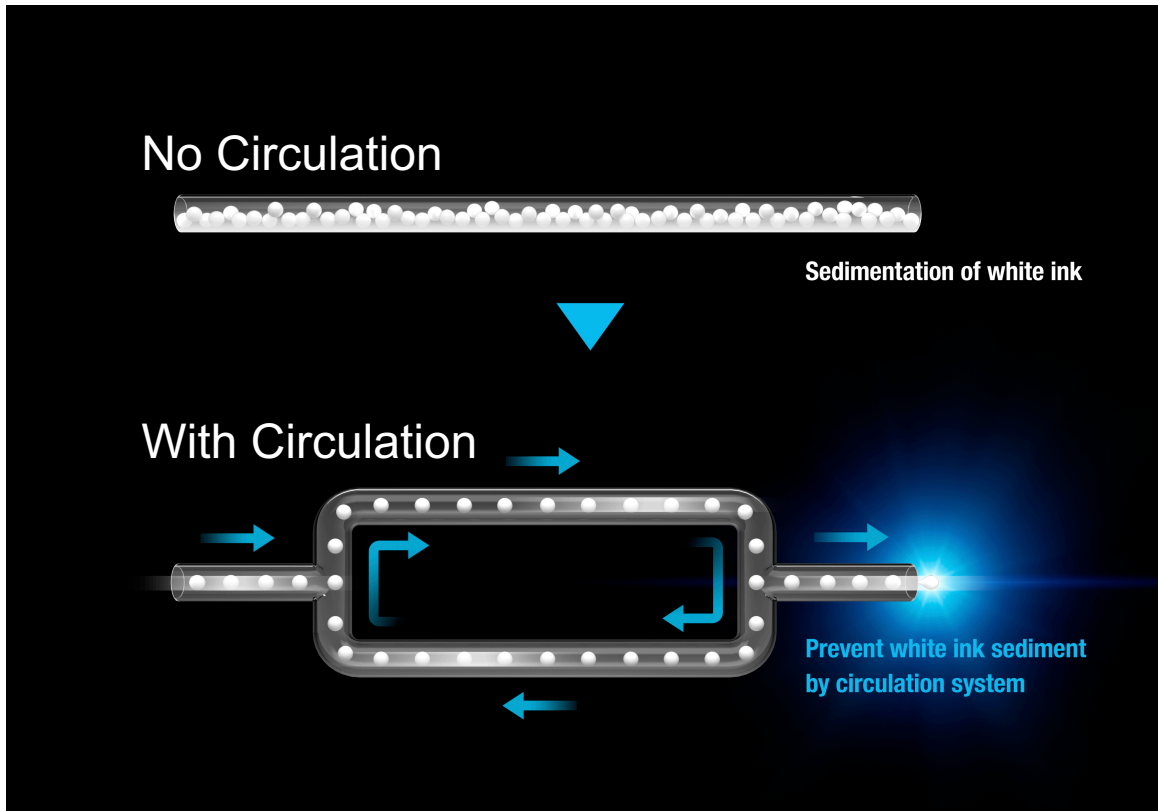


**Received "A" or "B" grade on ISO  
2409 cross cut test for adhesion  
on multiple common rigid  
substrates**

Based on Epson internal testing



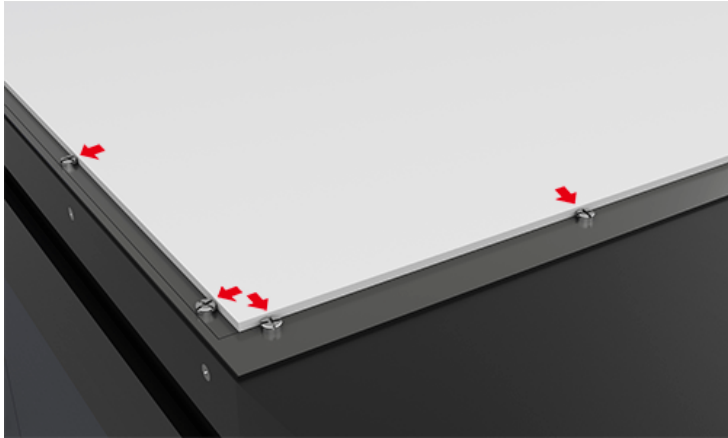
# White Ink Circulation



- **Circulation System to continuously cycle white ink**
- **Important to limit sedimentation**
- **Helps preserve print head nozzle integrity**



# Usability Features

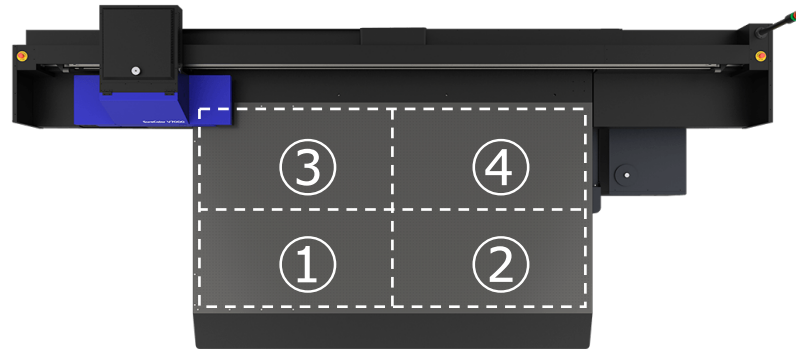


## ***Pin Registration System***

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Easy Alignment of substrate

Quick loading



## ***Multi-Zone Vacuum***

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Specify zone

No need to tape off area



## ***Auto Thickness Sensor***

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Pin sensor to measure thickness

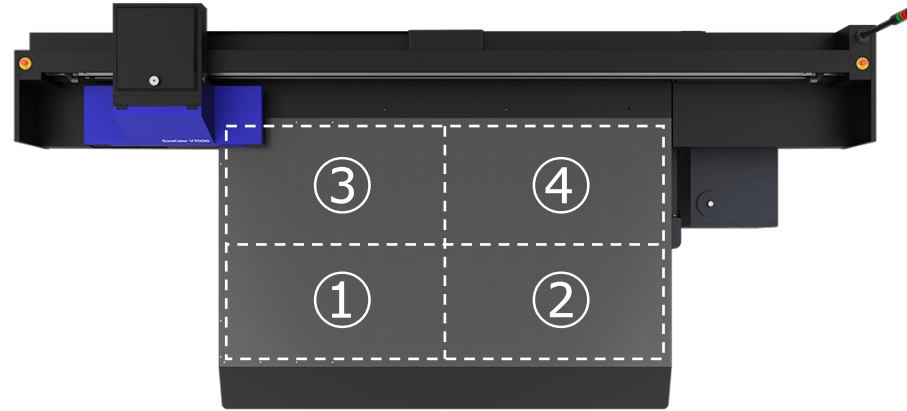
Up to 3" thick



# Multi-Zone Vacuum

## Four Zone System

Pin sensor to measure thickness  
Up to 3" thick



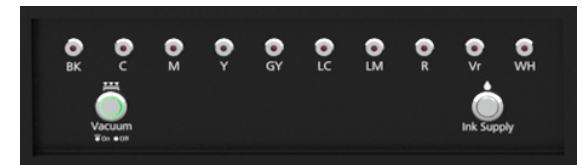
## Multi-Zone Vacuum

Specify zone  
to help with vacuum strength

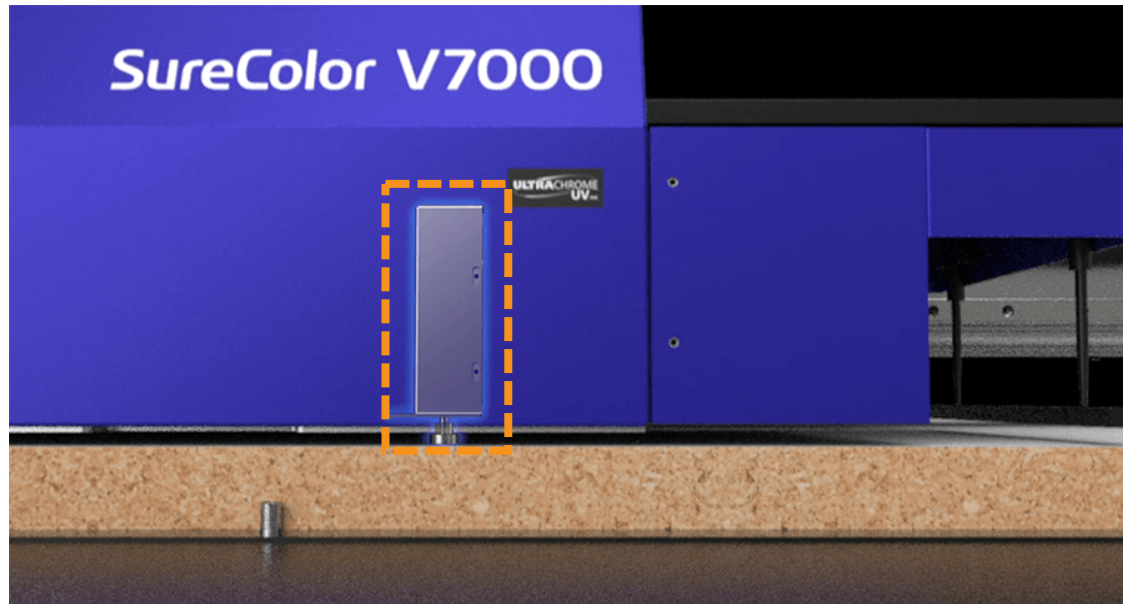


## Vacuum Control

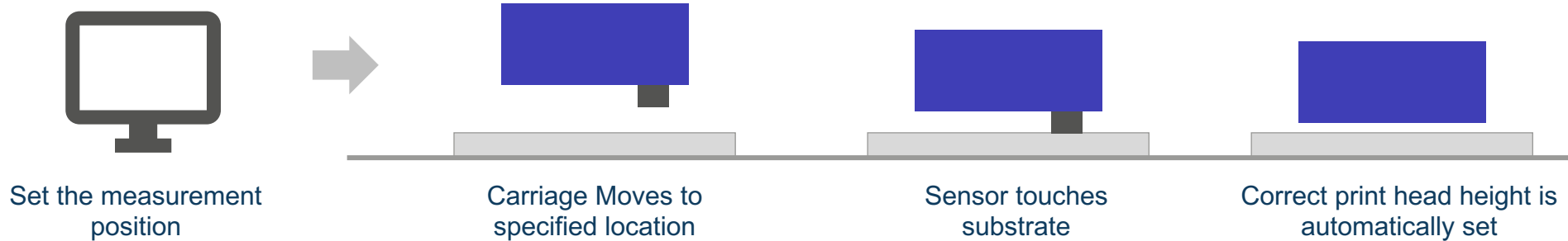
Easy control to start  
or stop vacuum



# Auto Thickness Sensor

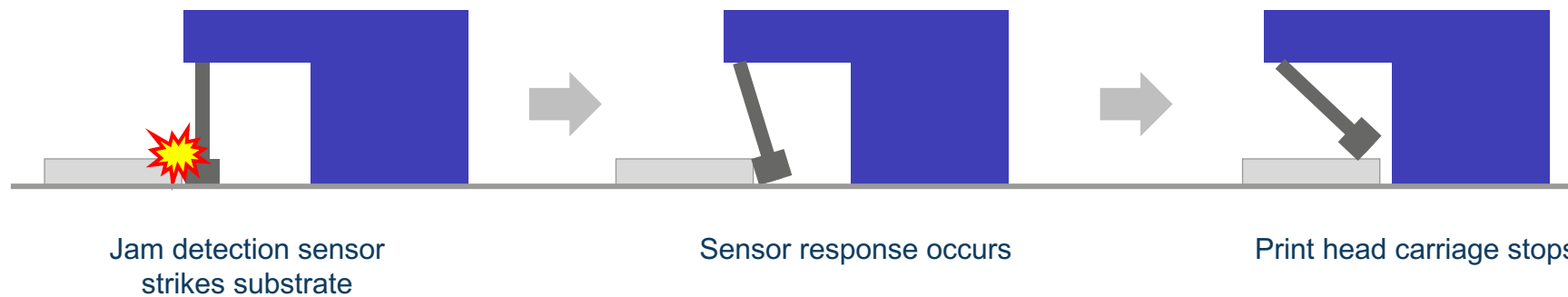
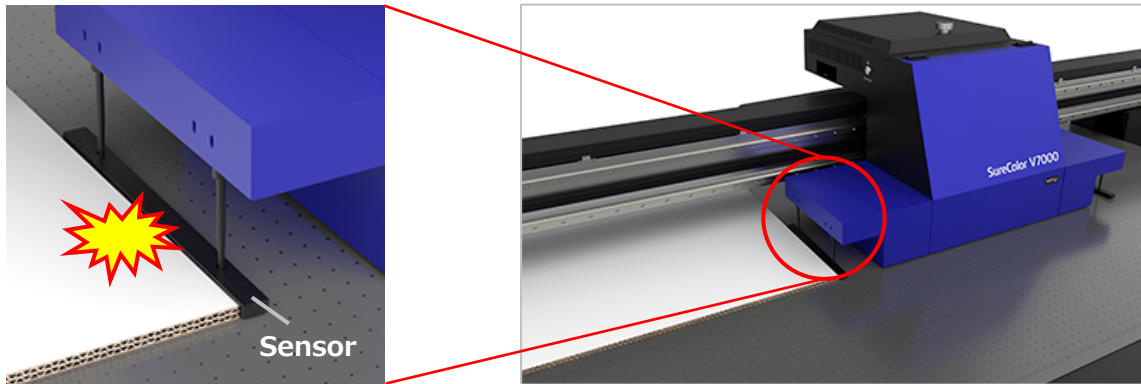


- Automatically detects media thickness and sets correct print head height
- Easy to operate and execute
- Manual thickness setting available



# Jam Detection Sensor

- Jam detection sensor helps protect print head damage from head strikes
- Allows customer to identify and fix issue
- Printing can continue from where error occurred without having to restart job



# Proximity Sensor

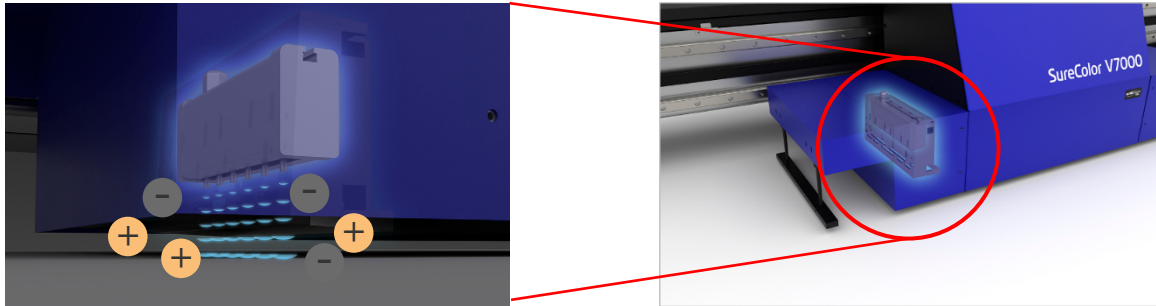


- Designed for operator safety
- Automatically stops printer if laser beam is broken
- Printing can continue from where stop occurred without having to restart job

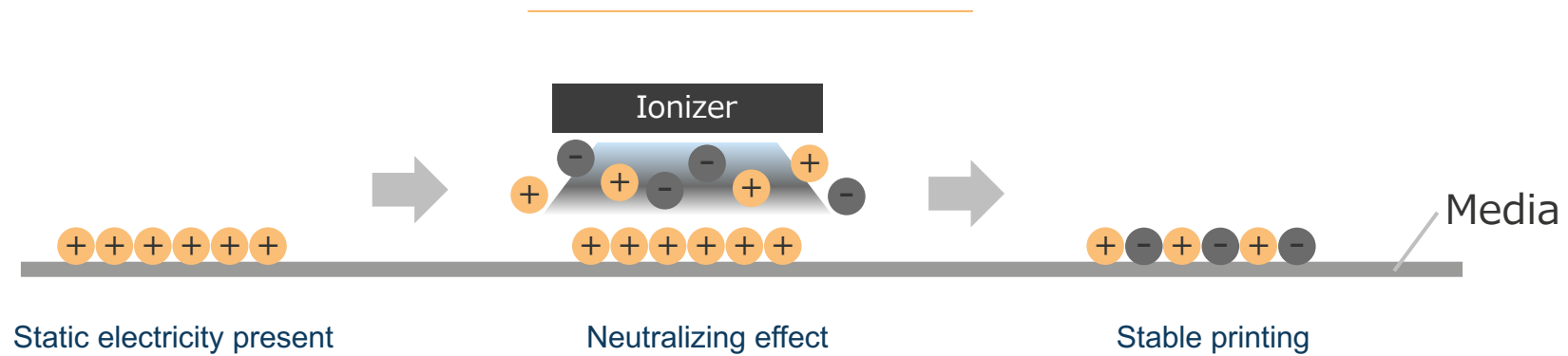




# Ionizer

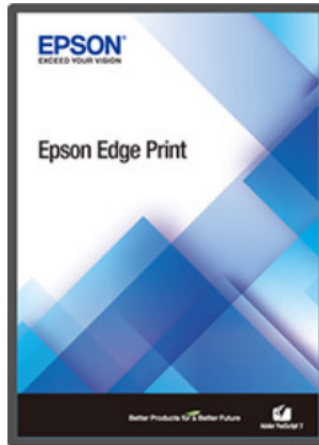


- Helps to neutralize static electricity
- Promotes stable and accurate printing



# Epson Edge

*Edge Print*



- **Layout and print management**
- **Powerful color management technology**
- **Intuitive workflow**
- **Adobe PostScript 3**
- **Easy tiling, spot color matching, and custom color library support**

Epson Cloud Solution  
**PORT**

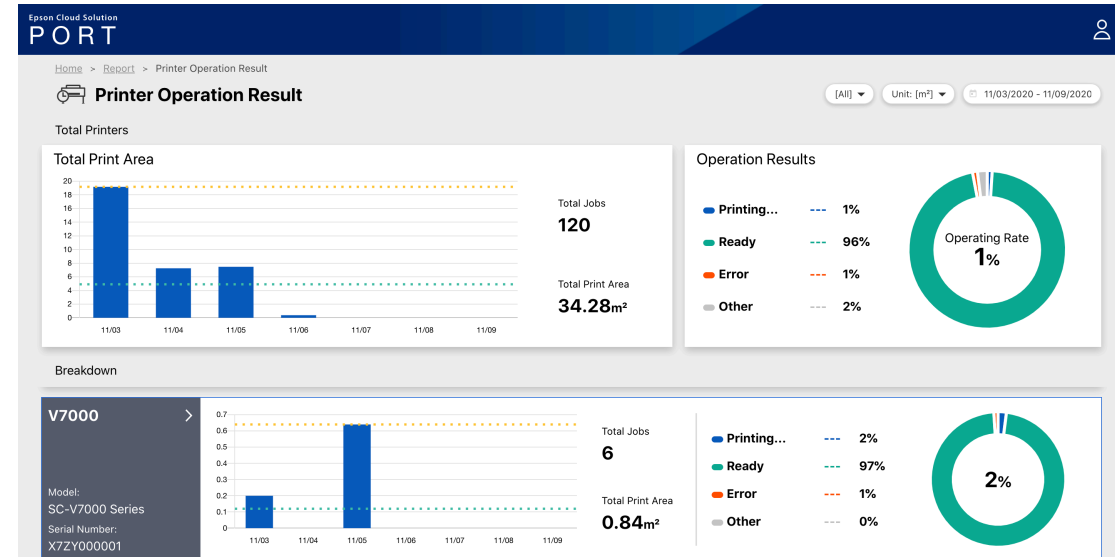
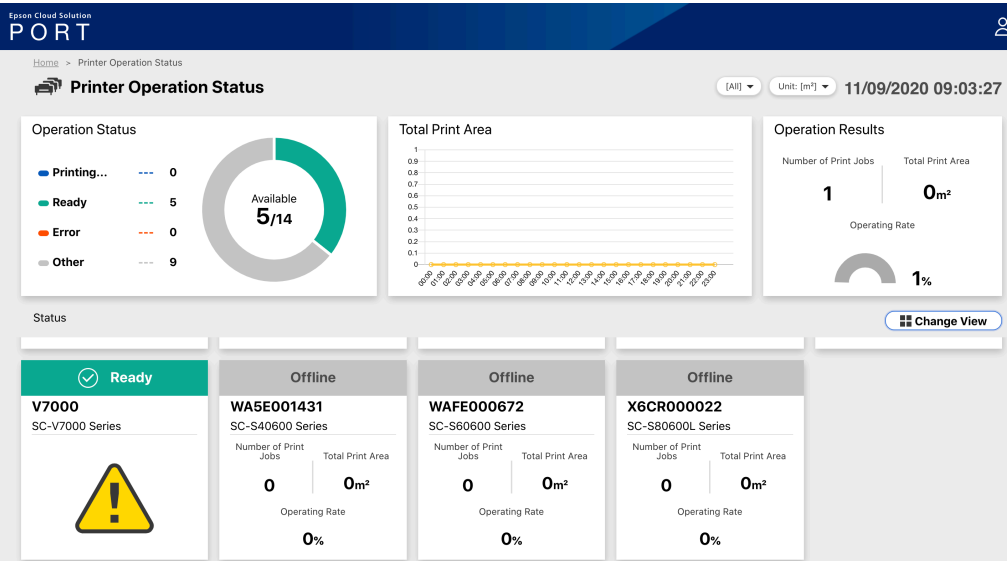
- **Robust printer control software**
- **Powerful fleet monitoring tools**
- **Firmware updater**
- **Service alerts**



# Epson Cloud Solution PORT

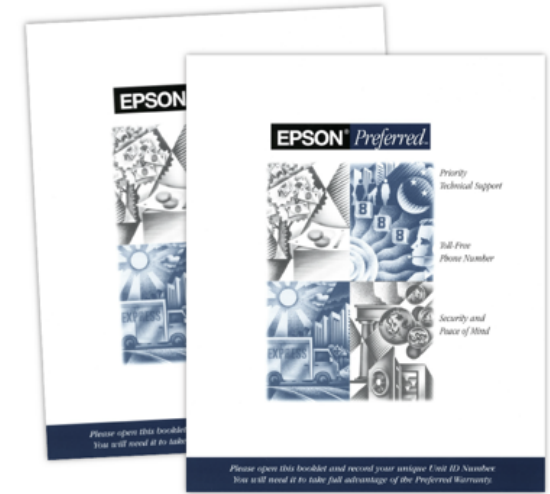
- Quick Status Reports and more in-depth performance data than Epson Dashboard
- Printer Monitoring
- Can monitor printers on mobile
- Basic Printer info works with 3<sup>rd</sup> party software (ONYX)

- Epson service team can diagnose issues remotely



# Epson Preferred Plus

- **One year Extended Service Plan**
  - Covers up to eight print heads
  - See individual plan for details
- Includes 12 month “maintenance” visit to check machine status and replace specific parts
- Stackable up to a total five years



# Specifications

Max. resolution	720x1440 dpi
Ink	Soft type: UltraChrome UV ink
Ink set	10
Ink Color	C/M/Y/K/LC/LM/GY/R/WH/Vr
Interface	USB3.0
Curing system	LED lamp
Media size (W x D)	2,500 x 1,250 mm
Media thickness	80 mm
Media weight	50 kg/m <sup>2</sup>
Ionizer	Integrated
Vacuum zone	4 partitions
RIP	Epson Edge Print
Power supply	AC 200, 208, 220, 230, 240V, 50/60Hz, 29A
Power consumption	5.7kVA
Dimensions (W x D x H)	4,635 x 2,768 x 1,730 (mm)
Weight	Approx. 1,370 kg





Thank You

