

Discover how California Media Services,  
an HP Certified Partner, can meet all  
of your wide format printer needs.



(800) 986-3484



## COLORSPAN 5400uv

### AS SPECIFIED BY OEM

What if you could combine the ultra high quality of an aqueous thermal inkjet printer, and the outdoor durability of a solvent printer, with the media flexibility of a UV-curable inkjet printer? Now you can. Meet the ColorSpan 5400UV series of multi-functional inkjet printers. Designed to fit the needs of big and small print shops, they feature a compact design that is big on performance.

They are fast and affordable 54-inch-wide UV printers that produce ultra-high-quality images directly onto an endless variety of inexpensive uncoated materials from rigid display boards to roll-fed media. There's no need to laminate. No need to transfer or mount. Just print, sell and profit!

### Product Highlights:

**Innovative Media Handling** – All four models have a 54-inch (137cm) print width and feature a set of integrated tables that fold up and can extend outward to accommodate rigid media up to 8-feet (244 cm) in length. The tables fold down and out of the way for printing on roll-fed media while conserving precious floor space..

**Variable Drop Volume Printheads** – The ColorSpan 5400UV series uses the latest generation variable drop volume piezo-electric printheads. Each industrial-quality, extended-life printhead can eject variable-sized micro droplets to achieve addressable resolutions of 600x300, 600x600 and 1200x600-dpi. The 5460UV and 5465UV six-color models achieve even higher apparent image quality — up to 1800-dpi..

**Self-Maintaining Printheads** – Designed for operator simplicity, they use a patent-pending self-maintaining printhead service station that fully maintains the health of the jets and printheads while idle or in service. This hands-off design eliminates any need to manually clean the printheads and ensures that the printer is always ready to print, even after an extended idle time..

**Color Touch-screen Display** – The printer's operator control interface uses a 7-inch color touch-screen display panel. Its dynamic graphical user interface is simple to use and the printer's status (such as ink levels, print quality settings, UV lamp status and media configuration) are visible at a glance..

**Auto Adjustable Head Height** – The printer uses a highly-accurate media thickness sensor and precision motor-driven mechanisms to automatically adjust the printhead height to accommodate a wide range of materials up to 1-inch (25.4 mm) thick. Due to its precision, there is no need to perform bi-di calibrations between material changes..

**Production-Oriented Speed** – Designed-engineered as a production sign system, the ColorSpan 5445UV and 5465UV use two piezo-

electric printheads per color. These printers boast a top print speed of 388 sf/h (36 m<sup>2</sup>/h) in their 600x600-dpi Billboard Quality print mode or their 600x300-dpi Production Quality print mode. The ColorSpan 5440UV and 5460UV using one printhead per color are one-half the speed of the other two models..

**SolaChrome™-UV inks** – Extended Gamut, UV-curable, pigmented inks, available in cyan, magenta, yellow, black, light cyan and light magenta. Each comes in a sealed one-liter container that allows for easy, no-mess ink changes while protecting the ink from light exposure. SolaChrome-UV inks, which have no solvent odors, are designed for reliable jetting, low maintenance, extended head life, low cost of operation (\$0.05 to \$0.25 per sf) and long-term outdoor display life – 2 to 3 years unprotected and up to 7 years using Avery® cast vinyl and digital over laminates. SolaChrome-UV inks cure instantly and print directly on inexpensive uncoated rigid and flexible substrates for durable, indoor and outdoor graphic applications..

**Advanced Automation Eye** – Consisting of a high-resolution imaging sensor, colorimetric spectrophotometer, and embedded software, the printer automates the setup and calibration steps critical for achieving and maintaining print quality..

**AutoSet Calibration** – analyzes dot placement of printed patterns and automatically sets the head-to-head alignment and bi-directional (bi-di) dot placement alignment to compensate for variable print speeds, head height settings and media thickness..

**AutoJet Calibration** – eliminates banding in prints and extends the useful life of the printheads by mapping out jets that are not up to performance standards and compensating by using other jets in their place..

**AutoTune Scheduler** – schedules the AutoJet calibration to occur during unattended print runs to ensure maximum print quality and minimize waste or reprints..

**AutoEdge Detection** – uses the image sensor to aid in the loading of rigid materials by detecting right, left and leading edges. It also checks for and warns user if the board appears to be loaded askew..

**AutoEdge Detection** – uses the image sensor to aid in the loading of rigid materials by detecting right, left and leading edges allowing the printer to move the material into an exact position for printing..

**Linearization** – the on-board spectrophotometer supplies color and density data to the external RIP's color management software. The color management system then adjusts the color to ensure accurate and consistent color..

**Color Profiling** – using the on-board spectrophotometer, the ColorSpan 5400uv prints and automatically reads hundreds of color swatches to allow the RIP and color management software to create custom ICC profiles for 3rd party media..