



ART IS IN THE DETAILS

FINE ART REPRODUCTION
SPECIALTY HI-RES SCANNING
GRAND FORMAT PHOTOGRAPHY
PHOTO EDITING AND RETOUCHING
CUSTOM COLOR AND B&W GICLÉES
OVERSIZED ECO-SOLVENT CANVAS

IT ALL BEGINS WITH EXPERT IMAGE CAPTURE



SCAN PROJECT: RARE 20X24 POLAROID PHOTOS

ColorBurst Studio142 worked with New York City-based photographer Douglas Dubler to reproduce 22 of his rare Polaroid 20x24 prints. Our Cruse scanner is perfect for this type of work—setup for each scan is quick, and the vacuum table holds work completely flat with no image contact. Each 2GB scan faithfully captures the unique subtleties of the Polaroid film while maintaining full shadow and highlight detail.

ONE-OF-A-KIND FLATBED SCANNING

ColorBurst Studio142 owns the only next-generation Cruse Synchron flatbed scanner available to the public in the Washington, DC area. (Cruse Synchron flatbed scanners are used at private facilities including the National Archives and the National Portrait Gallery.)

Far more capable than a copy stand, our Cruse Synchron includes a 4' x 6' vacuum table that moves under a stationary sensor. A set of high intensity LED lights provides extremely uniform lighting across the entire scan. We also added the ST Repro Decor and variable reproduction angle options to handle textured three-dimensional objects.

We have mastered the Cruse settings to carefully fine-tune each scan based on the needs of the individual project to provide the best scan possible. Our custom Cruse ICC profile ensures accurate color for each scan.



© James Steele

FULL SHADOW DETAILS CAPTURED USING A PMT DRUM SCANNER

PMT-BASED DRUM SCANNING IS STILL THE BEST CHOICE FOR FILM

We use our Howtek (now Aztek) drum scanner to scan black and white negatives, color negatives and chromes up to 8"x10" at up to 8000 dpi. This drum scanner's PMT sensor captures much better tonal range and shadow details than the CCD sensors commonly found in film scanners.

DRUM SCAN PROJECT: BLACK AND WHITE 4X5 FILM

We worked with local fine art photographer Jim Steele to scan 15 pieces of 4x5 film from his archives. He is now able to revisit these images in his digital darkroom, with enough data to print giclées up to 9'x11' (that's feet, not inches).



GRAND FORMAT AND GIGAPIXEL PHOTOGRAPHY

In addition to scanning, we specialize in high-resolution photography. Our camera equipment includes a 39-megapixel Hasselblad H3DII-39 and two 36-megapixel Nikon 810s. Our RODEON piXpert robotic hardware system allows us to create massive panoramic photos using either of these cameras. We also have a 384-megapixel Better Light Super 8K-HS scanning back for grand format studio work.

PHOTOGRAPHY PROJECT: DC CHERRY BLOSSOMS

Every spring, photographers descend upon the tidal basin to photograph the cherry blossoms. The panoramic photo below captures a view of the city, including the Washington Monument, the Capitol building, and the Jefferson Memorial with the blossoms in full bloom. It was assembled from 145 images using a GigaPan EPIC Pro robotic hardware system with a Canon 5D Mark III. The final print is 4' x 34' with incredible detail across the entire image.





PRINT TECHNOLOGY 25 YEARS IN THE MAKING



Artwork © Frank Lee Ruggles



PRINT PROJECT: BLACK & WHITE PHOTOGRAPHY EXHIBIT

We worked with nature photographer Frank Lee Ruggles to produce his exhibit, *This Land Is Your Land*. The show included 29 framed black and white prints and a 54"x80" stretched canvas print for the two-story entry. Each black and white image offers a glimpse into the extraordinary beauty found in America's National Parks. To do each scene justice, we printed these images using the ColorBurst Master Archival Process. This two-step process creates archival prints with extended longevity, enhanced tonal range, and sharper image detail. We mounted each image on archival foam core and then worked with Nelligan Gallery to finish the framing for this exhibit.

COLORBURST MASTER ARCHIVAL PROCESS FOR BLACK & WHITE AND COLOR GICLÉES

We've spent several decades engineering the technology behind the ColorBurst and Overdrive RIPs, used by master printers to create their fine art giclées. We now offer archival giclées to the public and trade using custom processes not available anywhere else.

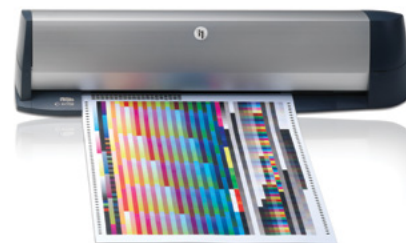
Our ColorBurst Master Archival Process starts with an in-house version of the ColorBurst RIP with proprietary techniques for black and white and color printing. We offer prints on baryta and fine art medias up to 64"x600" as well as stretched canvas up to 58"x120".

Inkjet printing produces very fragile prints, prone to fingerprints and scratching. Our two-step process creates durable archival prints with extended longevity and enhanced tonal range.

AWARD-WINNING INK AND COLOR MANAGEMENT

Working closely with artists and photographers has led us to develop an eye for art, but we're engineers at heart. Our true strength lies in our testing, analysis, and desire to learn each piece of technology at its core level so that we have complete control of the entire color management and printing process. This in-depth knowledge of color science and inkjet components has led us to integrate a solution that is greater than the sum of its parts.

Over the years, this passion for excellence has helped our ColorBurst RIP win more than 30 industry awards for our superior color and print technology.



For more information, visit www.colorburstrip.com/studio142 or contact studio142@colorburstrip.com.

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