CHROMIRA 5x 50

With the ability to image 50" wide prints full bleed, and with unlimited imaging length, the Chromira 5x 50 is ideally suited for Custom and Commercial imagers. Plus, the Chromira 5x 50 printer delivers accelerated large-format imaging speed (20 IPM) and, unlike some expensive laser printers, it can handle high volumes of individual image files for the most efficient workflow in the world.

Chromira5x™ marks another leapfrog in large format LED digital printing technology. With ZBE's new 5x Imaging Technology, the most affordable large format LED printer in the world becomes the fastest.

Specifications

Material Size:
Roll to Roll in any width up to 50", and any length up to 275'. Loading or unloading time: less than 1 minute.

Materials:
RA4: Paper or Film.

Print Sizes:
50" x continuous. Image files scaled on-the-fly to any desired print size.

File types:
TIFF (Mac or Windows), Windows BMP, or JPEG. Open interface from RIP.

Physical:
88" L x 36" W x 60" H (224cm x 91cm x 152cm). Access required on 3 sides, desirable on all 4. Will fit through 30" (76cm) door, by removing top of cabinet. Weight: 930lbs. (418Kg). Daylight operated. Darkroom loading.

Connections:
120/230VAC, 1000 W. Network connections 10base T or 100base T. Compressed air (60-100 psi).

Platform:
Windows XP (embedded in printer).

Print Head:
LED Technology (Patented).

Resolution:
300 PPI; 425 PPI visual resolution with ZBE's proprietary Resolution Enhancement Technology
(Patented). Color Depth: 36 bit.

Speed:
20" per minute for 50" paper, depending on file size and degree of enlargement or reduction. Image scaling, rotation & color balancing performed "on-the-fly" while printing.

Eq: 416 square feet per hour.
750 8 x 10s per hour.

Throughput:
Operation of the printer workflow is highly optimized for maximum print throughput and fully unattended operation. The usual "front end" bottleneck is eliminated by giving each workstation on the network full control of the usual "front end" functions.

Print files may be printed from any location on the network. No machine operator is required for printing. Printing begins immediately and proceeds as the file is received over the network. The print file need not be fully received at the printer to begin printing. Worst case network delays will cause the printer to pause with no resulting artifact in the print and no loss of print quality.

The user interface for submitting jobs and controlling printing parameters is refined for high throughput and particular ease of use. Each workstation submitting jobs to the printer can control all printing parameters as well as monitor the queue of work being printed.

Each workstation has full control of: print size, image rotation, print job priority, borders, text notes on prints, color balance, number of prints.

Optional WorkStream software package offers the on-the-fly imaging capabilities of Workstation with such additional benefits as packaging, order management, production tracking and the
integration of labs and their customers, which streamlines workflow and maximizes productivity.

Multiple Chromira printers are supported.

Open System: Compatible with all commercial RIP packages. Dedicated RIP is NOT required. Compatible with any off-the-shelf color management software.

Sophisticated built-in Self-Diagnostics system.

Optional automated print cutter. Automates cutting of package prints and nested individual prints from roll.