



CHROMIRA 5x 30

Whether you're a small full service lab or a large portrait/social imager, the Chromira 5x 30 can meet all of your digital print production needs with high production and state-of-the-art image quality. ZBE's WorkStream Imaging Automation and Order Management software offers a comprehensive array of the packaging and compositing products you need to offer your customers a variety of image options.

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 as well.

Specifications

Material Size:

Roll to Roll, with width up to 30" and length up to 275'. Loading or unloading time: less than 1 minute.

Materials:

RA4: Paper or Film.

Print Sizes:

30" 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:

64" L x 36" W x 60" H (162cm 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: 715lb. (321Kg) est. 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:

25" per minute for 30" paper, depending on file size and degree of enlargement or reduction. Image scaling, rotation & color balancing performed "on-the-fly" while printing.

Eq: 313 square feet per hour.

563 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. At worst, 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, and 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.