zbe

Chromira⁵ˣ ProLab

High Speed Digital Photo Printer

SILS AgX URE

Experience the unmatched quality of silver halide

PUREPHOTO™

QUALITY

Expand your radius in beautiful designed photo products:

Photo books & Albums

Design Postcards

Graphically Enhanced Prints

Create images with your own unique page designs in popular formats that will attract new customers. Design and create indiviual Custom Wedding Albums, Photo Books and Coffee Table Book Pages.

The Chromira⁵ˣ ProLab allows you to design your own exciting custom-templated large or small format print products. Create templates to produce Border Prints, Calendars, Year Books, Posters or Greeting Cards.
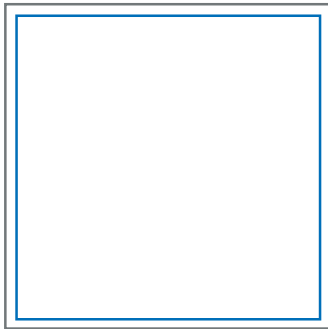The Chromira⁵ˣ ProLab integrates all popular workflow applications.

Photo Calendars

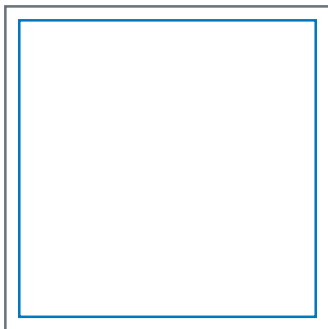## Large Format, Fine Art, Custom & Commercial, Backlit Display

The Chromira[5x] ProLab imaging technology delivers state-of-the-art quality and vivid color. The enhanced visual resolution imaging technology gives you the sharpest images.

Exposing Unit

300 PPI LED imaging delivers high-speed and reliable printing with a 5 year limited LED head warranty

Daylight Loading & Operation

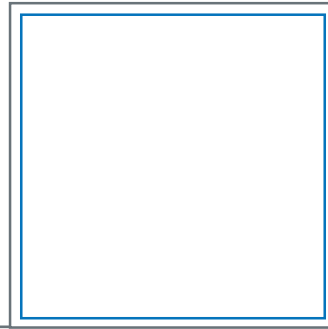Fully daylight operational - with no darkroom or cassettes needed

Chromira⁵ˣ ProLab - One Printer does it all

Professional solution with a small footprint for premier quality, high production, maximum versatility and easy order management.
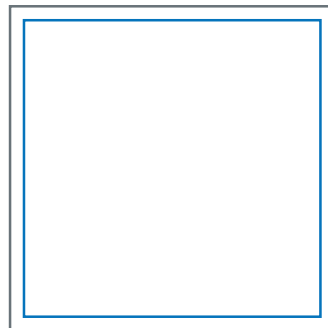
The Chromira⁵ˣ ProLab is a fully integrated, professional 30" AgX printer / processor lab system that automatically nests, sorts, back-prints, cuts an collates orders of small prints, larger prints and posters with perfectly color-matched, flawless results.

This significantly reduces turnaround times, labor, energy and operational requirements.

Integrated Image Processing

An advanced RA-4 process module delivers flawless & dependable image quality

Onboard Solution Storage

Space-saving built-in process solution provides easy access & convenient storage. Also available for central chemistry distribution.

PUREPHOTO™
QUALITY

ProLab prints images from 3.5" x 5" to 30" x 160' from one roll of 30" media ensuring perfect color matching, simple operation, reduced inventory keeping and low waste.

Chromira⁵ˣ ProLab uses state-of-the-art and patented LED technology to create beautiful, high quality prints. It images on any RA-4 media and surface, including backlit display films.
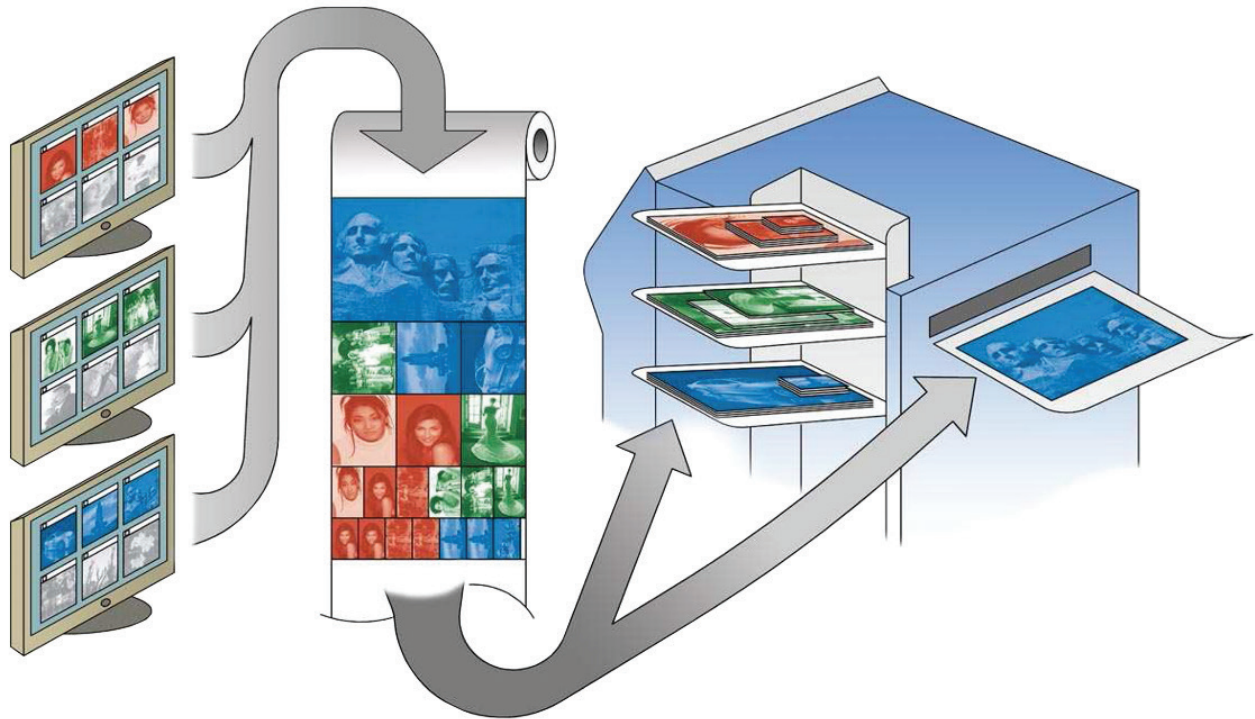
Chromira⁵ˣ ProLab produces innovative products for customers and perfectly matches with different requirements, preferences and expectations and will still be a perfect match for every one.
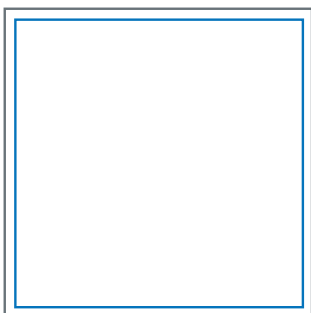
Chromira⁵ˣ ProLab Nesting Workflow

The automated order management of the Chromira⁵ˣ ProLab including nesting function ensures unpredecented productivity.

The Chromira⁵ˣ ProLab allows you to manage several mixed-format jobs at the same time. You can start printing different orders simultaneously and the Chromira⁵ˣ ProLab will nest the images in best fit position in order to reduce paper waste. The nesting workflow delivers all images cutted and sorted by order.
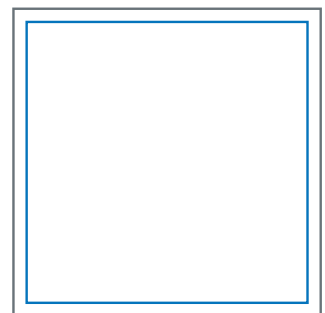
Automatic XY-Cutting, Back-Printing & Order Collating

◄ Fully integrated XY-cutting inclusive back printing on each image for easy identification

Delivers fully cutted, sorted and collated orders, ready to QC and bag ▶

Key Features

▶ Spectacular digital images

▶ High print production including mixed orders

▶ Prints stunning digital images from 3.5" x 5" to 30" x 160' from one roll
of 30" media

▶ Automated nesting, cutting, sorting, back-printing and collation of print orders

▶ Daylight loading with no cassettes, eliminating the need for a darkroom

▶ Perfectly matched and managed orders across multiple sizes

▶ Simultaneous order input, printing and order management

▶ Small footprint

▶ Simple operation

▶ Easy integration with all popular workflows

▶ Affordable pricing and maintenance costs

▶ Sophisticated built-in self-diagnostics system

Technical Specifications
Chromira⁵ˣ ProLab

Material size:	Daylight loading 10" up to 30" (25.4 cm up to 76 cm)
Loading or unloading Time:	Less than 2 minutes
Materials:	RA-4 Reflective and Transparent Material
Print Sizes:	3.5" x 5" (8.9 cm x 12.7 cm) up to 30" (76 cm) x 160 feet (4870 cm), full bleed or with borders. 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.
Connections:	Network: 100 / 1000 Base-T network Air: 3 cfm @ 80 psi (85 lpm @ 5.5 BAR) Power: 208 / 240 V, 6.5 kW / 30 A
Print Head	Proprietary LED Imaging Technology (Patented). Utilizes ZBE's powerful Chromira⁵ˣ Hybrid LED imaging engine.
Image Resolution:	300 PPI; 425 PPI (visual) with the ZBE's patented LED Resolution Enhancement Technology
Color Depth:	36 Bit
Print Speed:	24" (61 cm) per minute. Equals: 1440 - 4" x 6" (10 cm x 15 cm) / h 480 - 8" x 10" (20 cm x 25 cm) / h 240 - 11" x 14" (28 cm x 35 cm) / h 69 - 20" x 30" (50 cm x 76 cm) / h 35 - 30" x 40" (76 cm x 100 cm) / h
Dimensions:	73" (L) x 60" (W) x 64" (H) / 185 cm (L) x 152 cm (W) x 163 cm (H) Access required on all 4 sides. Daylight loading and operation.

Technical data are subject to change without notice