

PlateStream® Color+ 46



The Printware **PlateStream 46 Color+™** system is a Landscape Format platesetting system. It lets you take control of your customers' digital files to drive high output of press ready plates or press accurate color proofs and designed to be capable of replacing your aging camera and increasing productivity.

Direct from the Manufacturer and proven in thousands of installations, the PlateStream 46 Color+™ system is simple, compact and fully integrated. With the Color+™ registration system, an integrated plate processor and options such as inline punching, dual cassettes, our scan-to-plate capability and professional PDF workflow, the PlateStream 46 Color+™ is the perfect way to increase profits on every job.

System Features:

- **Highly Productive:** Produces up to 120 plates per hour (36 inches per minute)
- **Extremely Accurate:** +/- 0.001" accuracy across four consecutive plates assures tight press register and faster makeready times. (Optimal results are achieved by using Printware SilverStreamColor+™ polyester plates.)
- **Integrated Punching:** Produces press-ready punched plates with high repeatability (+/- 0.001") with Bacher for Heidelberg or Pinbar punch sets for AB Dick, Ryobi, Hamada, and other duplicators.
- **Customized Plate Profiles:** Intuitive press profiling system enables you to fine-tune your dot gain and linearization for press ready plates.
- **Eliminates Waste:** By using Printware's exclusive 280' or 394' long rolls of SilverStreamColor+™ plate material and dual cassettes, you will sustain less waste for each roll changeover than any other system and will be able to produce perfect cut-to-size plates.
- **Optional Integrated Tools:** Press Accurate Digital Color Proofing, One-Touch Scanning, In-RIP Trapping and In-RIP Imposition

Color+
Digital Workflow

4-Up Format

- 18.1" x 27" (46 cm x 69 cm); imaged full width
- 7" x 12" (18 cm x 30 cm) minimum

Accuracy

- Repeatability (4 consecutive plates): $\pm 0.001"$ (25 μ)
- Image-to-edge accuracy: $\pm 0.0015"$ (38 μ)
- Press ready plate registration

Waste-Free Plate Cutting

- Ultra-precise, self-sharpening automatic cutter
- No leader
- No waste per plate
- Optional integrated imposition software:
MicroPlate™ (Short plate option)
MatchMaker™ (In-RIP imposition Tool)

PunchStream™ Integrated Punch Option

- Punching repeatability: $\pm 0.001"$ (25 μ)
- Punch patterns: Portrait mode
Bacher C-2000 (Heidelberg QM 46, Ryobi 3300, etc.)
Pin-Bar pattern
- Orientation options:
Landscape (GTO-style) transfer punch system
(Quickmaster style) integrated punch system

Dual-Cassette Option

- Two supply cassettes with automatic switching
- MiniMiser™ job software to minimize waste

Speed and Resolution

900, 1800, 2400 dpi (Variable resolution)
45 - 120 plates/hr

Media Compatibility

- Media capacity: 280' (85 m) or 394' (120m) rolls
- Silver halide polyester or paper plates
Media Thickness: 0.005" to 0.008"
(0.13 to 0.20 mm) without adjustment
- Emulsion-in or emulsion-out without adjustment

Integrated Plate Processor

- Area-based replenishment
- Rate: 0.3 to 1.0 oz/ft² (100 to 300 ml/m²)
- Tank capacity: 5 gal. (19 liters)
- 37 ipm (94 cm/min.), synchronous speed control
- Medical-grade stainless-steel tanks
- Laminar-flow, artifact-free dryer

Raster Image Processor

- Interpreter:
ZAPrip HQ (Harlequin ScriptWorks™) or
Apogee™
- Computer platform (included):
Intel® Pentium® 4 1.8Ghz processor (minimum)
512MB DRAM; Windows 2000;
17" SVGA color monitor
Dual 40GB hard drives - redundant "safe drive"
technology
48x CD-ROM - specification subject to change
based on improved performance
- Integrated Workflow tools and options:
Trapping
Proofing
Imposition
One-touch Scanning
CIP3 & latest PDF Support
- Interface:
10/100 base-T Ethernet NIC
- Print Method:
Mac Chooser, Windows Print Manager or hot folder

Film Option Kit

- Supply cassette for daylight film loading
- Take-up cassette with 25' (8 m) capacity

Exposure Sensitivity

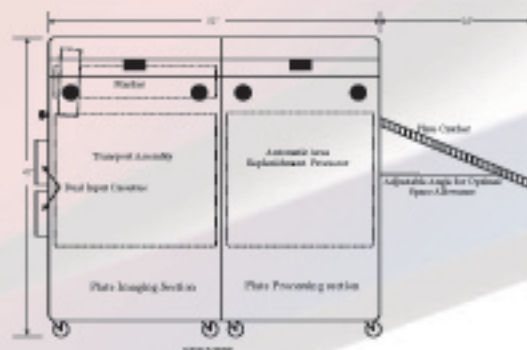
- 650 nm red laser diode (780 nm infrared optional)
- Ultra-wide adjustment range

Dimensions

- 47" (120 cm) x 52" (133 cm) x 35" (89 cm); 750 lbs.
(340 kg)
- Working space required 6' x 9'
- Metal casing for production environments

Electrical Requirements

- 220/240 Volts; 50/60 Hz; 3000 VA



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(Specifications subject to change based on improved performance)

PlateStream™
Color+