

Bluefin imagesetters are designed to match the growing need in publishing for faster press ROI, achieved by printing a wider variety of work with more color, higher quality and more targeted editions



Bluefin Imagesetters

Bluefin imagesetters are designed to deliver a constant stream of pages to your presses through fast, powerful and reliable operation. They are ideally suited to deadline-driven publishing environments where dependable, quality output is critical.

Productivity – Bluefin imagesetters have been developed for maximum throughput and minimal cost of ownership. Throughput is maximized by a unique combination of fast holographic imaging and a patent-pending zoned-vacuum drum to give superior imaging quality at high speeds.

The vacuum drum maintains a constant tension on the media during imaging, punching and cutting. This enables the Bluefin to completely image a job with end-to-end imaging efficiency, and output plate-ready pages. As a result, Bluefin imagesetters can output up to 140 plate-ready, punched broadsheet pages per hour. The imaging configuration also allows multi-tasking of non-imaging functions, such as media handling, punching and cutting, to ensure maximum productivity.

Flexible formats – Bluefin imagesetters accommodate single broadsheet or panorama newspaper pages with ease. This is ideal for newspaper publishers

using their presses with a single plate across the cylinder width. Single broadsheet pages can also be exposed for press

configurations using more than one plate across the width, such as those used for high volume newspaper printing. Bluefin

imagesetters are capable of alternating between formats without operator intervention or a change of media. Due to their flexibility, Bluefins also offer newspapers the redundancy that they want, providing imaging for multiple formats from the same imagesetter.

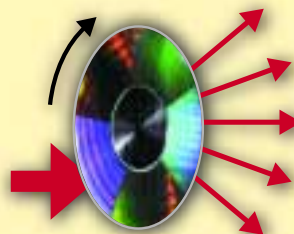
Punching flexibility – Bluefin provides excellent registration on press. It can have two or three rows of punches to provide the utmost flexibility to handle the many different punching requirements for newspapers.

In addition, the Bluefin is able to perform multiple punching and cutting operations simultaneously, further maximizing throughput.

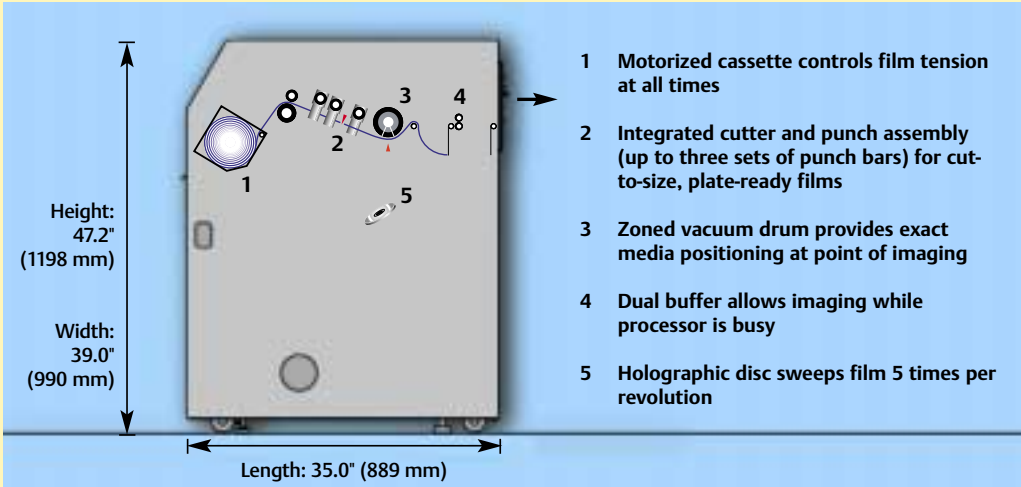
Reliability – Bluefin imagesetters can run at full capacity day after day without attention. This level of reliability is the result of robust design and quality manufacture to ISO 9001 standards, ensuring maximum product 'uptime' and ease of maintenance.

High value – Bluefin imagesetters combine high throughput, flexibility and reliability with low cost of ownership. They add film-based output to an extensive suite of newspaper publishing solutions from ECRM Imaging Systems.

Bluefin imagesetters...the natural selection for newspaper environments.



Specifications



- 1 Motorized cassette controls film tension at all times
- 2 Integrated cutter and punch assembly (up to three sets of punch bars) for cut-to-size, plate-ready films
- 3 Zoned vacuum drum provides exact media positioning at point of imaging
- 4 Dual buffer allows imaging while processor is busy
- 5 Holographic disc sweeps film 5 times per revolution

Standard Media Widths

25.0" (635 mm)	20.9" (531 mm)
24.6" (625 mm)	20.5" (521 mm)
24.0" (610 mm)	20.1" (511 mm)
23.5" (597 mm)	20.0" (508 mm)
23.0" (584 mm)	19.6" (498 mm)
22.5" (572 mm)	18.6" (472 mm)
22.0" (559 mm)	18.2" (462 mm)
21.7" (551 mm)	18.1" (460 mm)
21.6" (549 mm)	

Registration Punches

Two or three rows of punches available as machine option - up to five punches per punch row, minimum 1.25" (32 mm) between punches.

Dimensions

39" W x 35" D x 46" H
(990 mm x 890 mm x 1170 mm)

Weight

Estimated 850 lbs. (386 kg)

Power Requirements (including vacuum pump)

230 volts/6 amps/50/60 HZ, single phase

Operating Conditions

62° to 86° F; 17° to 30° C; relative humidity 45-65%, non-condensing; relative humidity outside this range will affect imagesetter performance

Bluefin imagesetters combine performance with low cost of ownership, a small footprint, direct connection to a suitable processor and simple integration into front-end publishing systems.

Maximum Recording Width
25.0" (635 mm)

Recording Source
One 10mW HeNe laser 633 nm

Spot Size
20-35 microns (resolution dependent) measured at the film plane

Dot Uniformity
Maximum 2.5% deviation from 5% to 95% at 2540 dpi, 150 lpi on film

Available Resolutions
Ten resolutions from 1000 to 2540 dpi

Maximum Line Screen
150 lpi (78.7 lpcm)

Repeatability
0.0012" (0.03mm) typical over four separations. May vary according to media, media packaging and processing conditions

Media Types
Visible red film or polyester plate

Media Thickness
4 mil (0.01mm)

Configuration
Emulsion out, 2.0" (51mm) diameter core, break-away taped to core

Cassette Capacity
Up to 400 feet (120 m), 5.7" (145 mm) maximum roll diameter

Processing
On-line processing required. On-line interface included as standard

DEALER STAMP



All ECRM products carry the CE mark. All products are CSA & CSA/NRTL certified. Class 1 Laser Products.

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