

*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

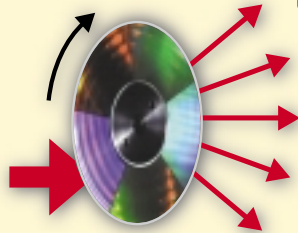
**B**luefin imagesetters are designed to deliver a constant stream of pages to your presses through fast, powerful and reliable operation. They are ideally suited to deadline-driven publishing environments where dependable, quality output is critical.

**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 130 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. Its versatile punching capability allows registration holes to be accurately punched at multiple locations along the film feed direction. It can have up to

three rows of punches to provide the utmost flexibility to handle the many different punching requirements for newspapers.

The Bluefin is also 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.

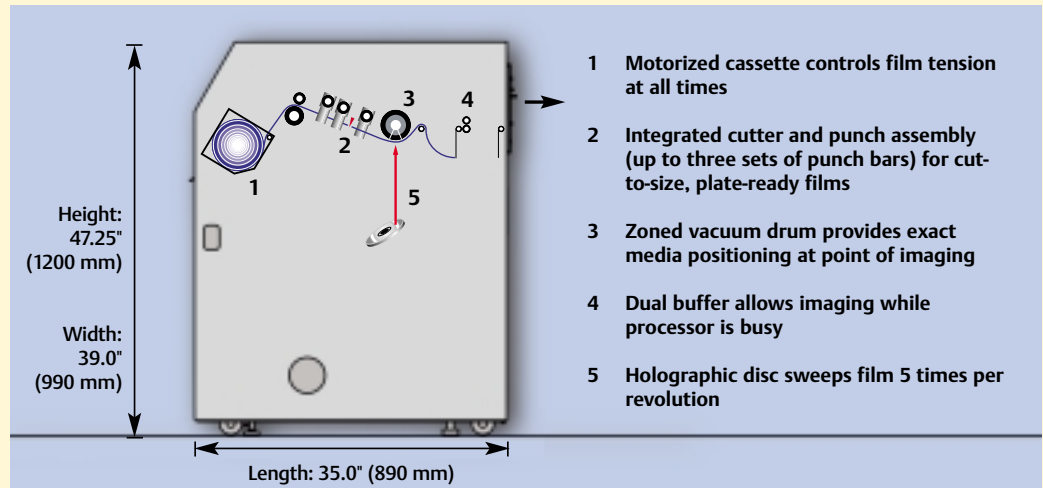
**High value** – Bluefin imagesetters combine high throughput, flexibility and reliability with low cost of ownership. They add film-based output to an extensive suite of newspaper publishing solutions from ECRM Imaging Systems.

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



# Specifications

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



- 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

**Maximum Recording Width**  
25.0" (635 mm)

**Recording Source**  
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%, 150 lpi on film

**Resolutions**  
Ten resolutions from 1000 to 2540 dpi

**Maximum Line Screen**  
150 lpi (78.7 lpcm)

**Media Types**  
Visible red film or polyester plate

**Media Thickness**  
4 mil (0.1mm)

**Media Widths**  
Supports any width between 18.0" and 25.0" (457 to 635 mm)

**Cassette Capacity**  
Up to 400 feet (120 m), 6.0" (152 mm) maximum roll diameter

**Roll Configuration**  
Emulsion out, 2.0" (51mm) diameter core, break-away taped to core. With the optional input cassette hub kit, supports 2.6" (66mm) core size.

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

**Registration Punches**  
Up to three rows of punches available. Up to five punches per row, minimum 1.25" (32 mm) between punches.

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

**Dimensions**  
39" W x 35" D x 47.25" H (990 mm x 890 mm x 1200 mm)

**Weight**  
950 lbs. (432 kg)

**Power Requirements (including vacuum pump)**  
200-240 Volts, 6 Amps; 50/60 HZ, single phase

**Heat Dissipation**  
1500 BTU/hr maximum

**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.

DEALER STAMP

## ECRM® Imaging Systems [www.ecrm.com](http://www.ecrm.com)

**ECRM Headquarters:**

554 Clark Road  
Tewksbury MA 01876  
USA  
Tel: (+1) 978.851.0207  
Fax: (+1) 978.851.7016  
sales@ecrm.com

3 Century Court  
Tolpits Lane, Watford  
Hertfordshire  
WD18 9PU, UK  
Tel: (+44) 1923.218.255  
Fax: (+44) 1923.218.256  
sales\_uk@ecrm.com

Room 1001, K. Wah Centre  
191 Java Road  
North Point, Hong Kong  
Tel (local): 2564.8989  
Tel (Intl.): (+852) 8170.9000  
Fax: (+852) 2564.8821  
sales\_hk@ecrm.com

Room 603-604  
Beijing East Ocean Centre  
24A Jian Guo Men Wei Ave.  
Beijing, 100004 PR, China  
Tel: (+86) 10 6515.5675  
Fax: (+86) 10 6515.5674  
sales\_hk@ecrm.com



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