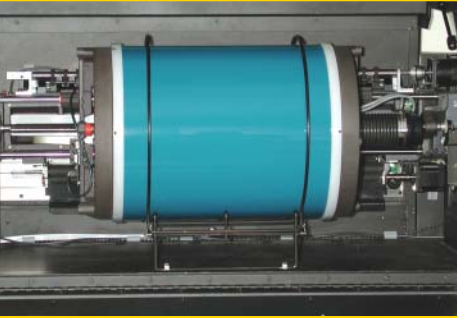


Exxcalibur™

THE CUTTING EDGE



6 - Up (B2)
Internal Drum
Imagesetter



Exxcalibur™ Imaging Systems, Inc.

SPECIFICATIONS

Laser Technology: 635 nm Laser Diode.

Resolutions: (user selectable)
3600, 2400, 1800, 1200, 900 dpi.

Spot size: Proportional to resolution, with minimum of 7.5 microns at 3600 dpi.

Repeatability: - .0005" (.013mm) typical,
- .001" (.025mm) max. over 8 consecutive films

Image Area: 25.2" (640mm) x 32" (812mm) maximum on 26" (660mm) wide film.

Output Speed: (for full 25.2 x 32" page)
41 seconds at 900 dpi, 1.8 min. 2400 dpi.

User Interface: 4-line LCD Display,
5-key programmable.

Accuracy: - .005" (.13mm).

Media: HeNe Film or polyester plate in rolls,
14" (355mm) thru 26" (660mm) wide.
Thickness .004" (0.1mm) to .008" (0.2mm).

Media Handling

Supply Cassette: Daylight loading for lengths up to 250 ft (75m) of .004" (0.1mm) thick material. Automatic loading and retraction.

Output Cassette: 30 ft (10m) maximum.

Size and Weight: 57" (144cm) wide x 22" (56cm) high x 27" (69cm) deep, 220 pounds (100kg).

Power Requirements: Autoranging: 90 - 130, 180-260V, 50 - 60 Hz. 175 Watts max.

Environment

Temperature: 64 -84 F (18 - 29 C).

Relative Humidity: 35 - 85%, non-condensing.

Computer/RIP Interface: Exxtra parallel interface, remote diagnostics & firmware programming.

Optional Base Cabinet:

57" (144cm) wide x 35" (84cm) high x 27" (69cm) deep, optional integrated on-line processor bridge.



Exxtra™ Imaging Systems, Inc.

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PERFORMANCE - Featuring a dynamic air-bearing spinner and Virtual Drum technology, the Exxcalibur has one of the highest imaging rates of any capstan or drum imagesetter - imaging an internal drum quality oversize 4-up, with registration marks and color bars, color separation at 2400 dpi in less than 2 minutes, or a double truck U.S. broadsheet page at 900 dpi in 41 seconds.

VALUE - The patented Virtual Drum enables ExxtraSetters to be offered at prices that are significantly less than internal drum imagesetters with similar performance specifications. The Exxcalibur has far more features than other comparable capstan recorders. ExxtraSetters are available through the sales channels of our world-wide OEM system integration partners.

QUALITY - The Virtual Drum provides the superb images and high repeatability that is needed for 175 to 300 line screen color separation masters - quality achievable only with internal drum technology.

CONVENIENCE - The Exxcalibur offers all of the convenience features needed to make imagesetter operation fit smoothly and economically into the production workflow process.

In order to minimize film waste, the unit can image onto film widths from 14" to 26", and additionally the supply cassette accepts roll (4 mil) film up to 250 feet long in daylight load packaging. The film is automatically loaded into the drum to minimize leader waste, and the unexposed film will retract back when a different film width is needed.

Although the compact size of the imagesetter will enable it to fit onto a standard table-top, an optional mated base cabinet will offer convenient storage space and will optionally include a bridge connection for the on-line processor option.

PRODUCTIVITY - ExxtraSetter high maximum productivity rates:

RESOLUTION:	900	1200	1800	2400	3600
Imaging speed (inches/minute)	36.8	27.6	18.4	13.8	9.2
Imaging speed (sq. inches/minute)	1105	830	552	415	277
A2 Page Imaging Time (minutes)	0.7	0.9	1.4	1.8	2.7
A4 Pages / 8 hours*	2400	2057	1515	1252	900
A4 CMYK sets / 8 hours*	600	514	378	313	225

* Maximum throughput rate assumes a continuous stream of rasterized data for 6-up A4 pages, full image area jobs, is available from the RIP; interjob times included; film loading and cassette changing times not included.

