

# SpeedSetter® 300/400

## RIPit Pro Series Virtual Drum Imagesetters



**You Can't Beat Virtual Drum!**

RIPit SpeedSetters are virtual drum imagesetters which produce high resolution polyester plates and film for the quick printing and small commercial print market. SpeedSetters combine the qualities of a traditional drum imagesetter (accurate registration, excellent repeatability, and sharp, consistent screens) with the simplicity and cost of a capstan imagesetter.

SpeedSetters typically achieve .0005" repeatability across 4 plates and image with a 10 micron spot size (2000 dpi and above) over the entire page, producing film which is sharp and accurate.

RIPit's SpeedSetter 300/400 Series imagesetters have a live image area to 12.5" x 18.75" (300) and 14.95" x 18.75" (400).

### SpeedSetter 300 / 400 Features:

- ▶ **Virtual Drum Technology for consistent, accurate film.**
- ▶ **10 µm Laser Spot for maintaining detail at 150 to 300 lpi screens**
- ▶ **High output speed** (*SpeedSetter 300 x2 images a full 12.5" x 18.75" A3+ page in 2.4 minutes at 2400 dpi*).
- ▶ **Laser Diode Light Source — solid state for high reliability**
- ▶ **User Interface: Programmable, 5 key, four-row LCD display**
- ▶ **Supply cassette for 200' (60 M) bulk load or 165' (50 M) daylight load film**
- ▶ **15' (3 M) take-up cassette included**
- ▶ **True desktop size and weight — 25.2" x 14.2" x 14.5"; under 96 pounds**
- ▶ **Compatible with RIPit's OpenRIP® Offset Edition, Adobe® PostScript® 3™ interpreter.**



RIPit® Imaging  
Systems, Inc.

Specifications ▶

## SpeedSetter® 300 Series [Portrait] Features and Specifications



The **SpeedSetter 300L** combines great value with internal drum quality. It images at 1200 and 2400dpi, for linescreens up to 175lpi plate and 225 lpi film, and costs less than most capstan film recorders. The 300 Series has an active image area of 12.40" plate (12.50" film) x 18.75". It's the value choice for lower-volume shops.

The **SpeedSetter 300x2** adds higher resolution and higher speed, for medium-volume shops. It has the same image size as the 300L, and supports resolutions of 1000, 1200, 1600, 2400, 3000, and 4000 dpi, for linescreens up to 300 lpi on film, 225 plate.



## SpeedSetter® 400 Series [Landscape] Features and Specifications

The **SpeedSetter 400** is the "stretched" version of the 300 x2. The 400 can produce films with an active image area of 14.85" plate (14.95" film) x 18.75".

Specification	SpeedSetter 300L	SpeedSetter 300x2	SpeedSetter 400
<b>Laser Technology</b>	670 nm Laser diode		
<b>Resolutions</b>	1200, 2400 dpi	1000, 1200, 2400, 3000, 4000 dpi	1000, 1200, 2400, 3000, 4000 dpi
<b>Spot Size</b>	10 microns at 2000 to 4000 dpi; 21 microns at 900 to 1800 dpi		
<b>Repeatability</b>	+/- .0005" typical., +/- .001 max		
<b>Image Area</b>	12.40" plate (12.50" film) x 18.75"		14.85" plate (14.95" film) x 18.75"
<b>Output Speed</b> (12.5 x 18.75)	6 min at 2400 dpi	2.4 min at 2400 dpi	
<b>Output Speed</b> (14.95 x 18.75)			3 min at 2400 dpi
<b>User Interface</b>	Programable, 5-key keypad, 4 line LCD		
<b>Accuracy</b>	+/- .005"		
<b>Media</b>	Film, RC Paper, or Polyester Plate 13.3" wide rolls		15.75" wide rolls
<b>Media Handling</b>	Supply Cassette Daylight loading for lengths up to 50 M (165 ft) Bulk loading for lengths up to 60 M (200 ft) Output Cassette 15 M (50 ft) capacity		
<b>Size and Weight</b>	33" X 16.75" X 14.5". Under 96 lbs		
<b>Power Requirements</b>	Auto ranging: 90-130, 180-260V, 50-60 Hz, 175 Watts max		
<b>Environment</b>	Temperature: 64-84° F 18-29° C, Relative Humidity 35-85%, non-condensing		
<b>RIP Interface</b>	SpeedSetter interface to OpenRIP, Remote diagnostics & programming		



*RIPit also offers a wide variety of accessories including Bulk Load and Take-Up Cassettes, Film Processors, Densitometers and Consumables*

Local Dealer \_\_\_\_\_



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