



# Ultrasetter 72E / 94E Spec Sheet

Ultr Imagesetter Parts at [www.rti-rips.com](http://www.rti-rips.com)

When the Ultrasetter was introduced in 1985, it transformed the prepress industry. Suddenly, the quality and capabilities of large, high-priced machines were accessible to buyers with less space--and smaller budgets. And imagesetters had to measure up to a new standard.

While the rest of the industry played catch-up, Ultr upped the ante, with the Ultrasetter "E". The next generation of Ultrasetter, the Ultrasetter "E" has an imaging speed of nearly nine inches per minute (at 1200 dpi). *Plus* full color capability--another Ultr breakthrough.

But we've made no compromises for the sake of speed. The Ultrasetter "E" boasts remarkable output quality--producing four-color separations, with incredibly precise registration. And of course, the "E" also lives up to Ultr's unrivaled reputation for reliability.

	Ultr 72E	Ultr 94E
<b>VERTICAL IMAGING</b>		
<b>Resolutions</b>	3000, 2400, 2000, 1600, 1200, 1000, 800, 600 rasters per inch, plus Custom (field programmable default , controller override)	
<b>Imaging Speed</b>	3000-3.5", 2400-4.3", 2000-5.2", 1600-6.5", 1200-8.7", 1000-10.4", 800-13", 600-17.3"	
<b>Accuracy</b>	0.05% cumulative nominal, plus user defined Film Advance Correction (field programmable default, controller override)	
<b>HORIZONTAL VIDEO</b>		
<b>Resolutions</b>	3000, 2400, 2000, 1600, 1200, 1000, 800, 600 rasters per inch. Others available, details in the <i>Ultrasetter Interface Specification 100.IS</i>	
<b>Imaging Width</b>	310mm maximum; 12.2 inches	400mm maximum 15.75 inches
<b>Linearity</b>	0.5 point	0.7 point
<b>REGISTRATION</b>		
<b>Repeatability</b>	±1 mil (.001") typical, 2 mil max	±1.5 mil (.0015") typical, 2.5 mil max

## SPOT

<b>Size</b>	20 micron diameter nominal; 50 microns below 1000 dpi 250 ergs/sq cm at film plane max	30 micron diameter nominal; 60 microns below 1000 dpi 185 ergs/sq cm at film plane max
<b>Power</b>	Level automatically set with resolution selection, or controller programmable, plus operator fine adjustment control for film variations	

## OUTPUT MATERIALS

<b>Compatible Films</b>	IR sensitive film, paper and plate materials, .004" through .007" thickness	
<b>Supply</b>	Spec 175 dispenser box (305 mm) or bulk load rolls using the Bulk Load Cassette	
<b>Output Cassette</b>	Maximum capacity of 30 feet	
<b>Bulk Load Cassette</b>	310 mm, 355 mm or 400 mm wide (compatible with narrower materials); 30M capacity	

## MACHINE CONTROLS

<b>Liquid Crystal Display</b>	Provides status and diagnostic information.
<b>Film Cutter</b>	Motorized only; locally operated or under host control.
<b>Leader</b>	User selectable; activated manually or by controller.

## GENERAL

<b>Size</b>	11.5" wide x 21.25" deep x 28" high	11.5" wide x 24.75" deep x 29" high
<b>Power</b>	90-130~ and 180-260~, autoranging; 47-63 Hz; 250 watts operating max	
<b>Standards &amp; Regulations</b>	ETL listed (UL 1950), TUV licensed (EN 60950 and IEC 825), CSA certified (C22.2 No. 220) FCC (Part 15, Sub B, Class A), CDRH (complies with 21 CFR 1040.10 & 1040.11)	
<b>Operating Temperature</b>	65°F to 85°F	
<b>Operating Humidity</b>	45% to 85% non-condensing	

Visit [www.rti-rips.com](http://www.rti-rips.com) for information on parts or questions concerning this and other Ulte Imagesetters. Order parts at [parts@rti-rips.com](mailto:parts@rti-rips.com) or call (941) 925-1303 Ext. 103 for more information.