



Ultr 5800 Spec Sheet

Ultr Imagesetter Parts at www.rti-rips.com

Ultr just broadened your moneymaking horizons, with the 5800 imagesetter. With its full 18.1" measure, this wide-format addition to the Ultr family lets you output spread-sized pages fully-imposed 4-up flats. Eliminates the need to strip single pages together. And keeping more work--and more of the profits--in house.

Computer-to-plate capability adds even more profit potential, and possibilities. The 5800 can image polyester plates--the perfect option for short-run, process color printing. And for cutting turnaround time and boosting productivity.

The 5800 images fast. With exceptional registration. At resolutions as high as 3386 dpi, for quality 175-line screens. So you get drum quality output, plus all the benefits of format flexibility and greater affordability.

The 5800 is also easy to use, thanks to its operator-friendly control panel, simplified film path and cassette configuration. Its sealed optics housing assures trouble-free operation. An optional registration punch saves time and steps, while delivering punched, plate-ready film and press-ready plates.

VERTICAL IMAGING

Resolutions	3386, 3000, 2540, 2032, 2000, 1692, 1600, 1270, 1200, 1016, 1000 rasters per inch.
Imaging Speed	1000-22.4", 1200-19.5", 1600-14.7", 2000-11.2", 2400-9.7", 2540-8.7", 3000-6.3", 3386-4.6" per min.
Accuracy	0.05% typical, adjustable in 0.05% increments.

HORIZONTAL VIDEO

Resolutions	3386, 3000, 2540, 2400, 2032, 2000, 1692, 1600, 1270, 1200, 1016, 1000 rasters per inch.
Imaging Width	460mm maximum; 18.1 inches
Linearity	8 mils (.20mm)

REGISTRATION

Repeatability	± 1.0 mil (.001", 25 microns) typical, ± 2.0 (40 microns) maximum on .004" film materials, ± 1.5 mil (40 microns) typical, ± 2.5 mil (64 microns) maximum on .007" polyester plate materials, both measured over 4 films 18.1" x 18.1" (460 mm x 460 mm).
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LIGHT SOURCE

Type	Visible red laser diode, 670 nm wavelength.
Size	21 micron diameter nominal

Power Level automatically set with resolution selection, or controller programmable, plus operator fine adjustment control for film variations

OUTPUT MATERIALS

Compatible Films Visible red (670 nm) sensitive film, paper and polyester plate (printing foils) imagesetting materials, .004" through .008" (0.10mm-0.19mm) thickness. Daylight and darkroom loading materials.

Supply Bulk load rolls with 2" core (50.4mm), emulsion in, using the Bulk Load Cassette.

Output Cassette 30-ft. (10-meter) rec. max. capacity, .004" material; 15 ft. (5 meter) rec. max. capacity, .008" material.

Bulk Load Cassette Adjustable widths from 18.1"- 8"; (460mm - 203mm), 250 ft. (75 meter) capacity with .004" materials.

MACHINE CONTROLS

User Control Panel Provides operator control over setup parameters and density. Status information is shown during normal operation and diagnostic information optionally available.

Film Cutter Motorized only; locally operated or under host control.

Leader User selectable; activated manually or by controller.

INTERFACE

Standard SCSI II compatible with 16MByte data buffer, Optional 64MByte data buffer available.

OPTIONS

Registration Punch (Optional) Stoesser format and Custom punch registration systems are available.

GENERAL

Voltage 90-130~ and 180-260~, autoranging; 47-63 Hz; 500 watts operating maximum.

Line Frequency 47-63 Hz

Power Maximum 700 watts, 4 A at 220 Volt ~, 7 A at 110 Volt~

Standards & Regulations CE Mark (including the following) EN 55022 Class B, EN 50082-1, EN 50082-2, EN 60801-2, EN 60950, IEC 825; FCC Part 15, Sub B, Class A; UL 1950; CSA C22.2 Number 950-93; CDRH 21 CRR 1040.10 & 1040.11

Size 35.4" W x 26.6" D x 44.2" H (900 mm W x 675mm D x 1123 mm H)

Weight 350 lbs.(160kg)

Operating Temperature 65°F to 85°F (18-30°C) operating temperature.

Operating Humidity 45% to 85% non-condensing

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