

Ultre 3000 / 4000 Spec Sheet

Ultre Imagesetter Parts at www.rti-rips.com



Once again, Ultrite redefines imagesetting with the Ultrite 3000/4000. Never before has the industry seen such quality, such performance and such value in one machine.

Employing advanced technologies, including a dynamic air-bearing motor and pentaprism scanner mirror, the Ultrite 3000/4000 achieves color separation image quality which up to now was only available in far more expensive units.

At the same time, it also achieves impressive increases in speed. So it not only handles more demanding jobs, it handles them faster, lowering users' costs.

The Ultrite 3000 supports a 310-mm media width (72 picas, 12.2"). The Ultrite 4000 supports a width of 400mm (94 picas, 15.75"). An optional 355-mm (84 picas 14") bulk load input cassette is also available.

	Ultrite 3000	Ultrite 4000
VERTICAL IMAGING		
Resolutions	3000, 2400, 2000, 1600, 1200, 1000, 800, 600 rasters per inch, plus custom addressability available at all increments from 800 to 3000 dpi, Metric addressability also available, from 315 to 1180 pixels/cm	
Imaging Speed	800-26.0", 1000-20.8", 120-14.4", 1600-10.8", 2000-10.4", 2400-7.2", 3000-4.6" per min.	800-24.8", 100-15.9", 1200-14.7", 1600-12.4", 2000-7.9", 2400-5.5", 3000-3.5" per min.
Accuracy	0.05% typical, adjustable in 0.05% increments.	
HORIZONTAL VIDEO		
Resolutions	3000, 2400, 2000, 1600, 1200, 1000, 800, 600 rasters per inch, plus custom addressability available at all increments from 800 to 3000 dpi, Metric addressability also available, from 315 to 1180 pixels/cm	
Imaging Width	310mm maximum; 12.2 inches	400mm maximum 15.75 inches
Linearity	0.5 point	0.7 point
REGISTRATION		
Repeatability	±1 mil (.001") typical, 2 mil max	
LIGHT SOURCE		
Type	Infrared laser diode, 780 nm wavelength	
Size	20 micron diameter nominal; 40 microns below 1000 dpi	

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

OUTPUT MATERIALS

Conventional Film and Paper Infrared (780nm) sensitive film, paper and direct plate-making (printing foils) imagesetting materials, .004" through .007" (0.10mm-0.19mm) thickness.

Supply Spec 175 dispenser box (305 mm) or bulk load rolls with 2" core (50.4 mm) using the Bulk Load Cassette

Output Cassette Maximum capacity of 30 feet

Bulk Load Cassette 310 mm(12.2"), 355 mm(14") or 400 mm(15.75"); 75m (250 ft.) capacity

MACHINE CONTROLS

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

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

Leader User selectable; activated manually or by controller

GENERAL

Voltage 90-130 VAC and 180-260 VAC autoranging; 250W operating maximum

Line Frequency 47-63 Hz

Power Max 600W, 3A at 200 VAC; 6A at 100 VAC.

Standards & Regulations 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)

Dimensions 28.3" W x 25" D x 35.2" H (720 mm x 635 mm x 895 mm)

Weight 260 lbs. (120kg)

Operating Temperature 65°F to 85°F

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.