

ANKASH UV-CtP Platesetter



ANKASH
Solutions, LLC

ANKASH U1130/830 UV-CtP Platesetter

The attraction of low cost UV-CtP plates has spurred the growth of UV-CtP platesetters. ANKASH U1130/830 UV-CtP platesetter now enable you to benefit from this capability. With a high addressability of 2400 spi, and an ability to produce 300 lpi, it can handle all your high quality print requirements. A number of sensors placed along the plate feed, ensures the plate is imaged precisely. This and optional dies in the platesetter, eliminate the need to punch the plates, post plate making, saving you make-ready time.

The imaging head is equipped with a choice of 96, 64, 48 or 32 channels of Ultra-violet, semiconductor LED's, that burn a precise spot on the plate. These diodes are easily replaceable in the unlikely event of a failure, keeping the platesetter quite productive. The optional auto loader and bridge can further enhance your throughput needs—uninterrupted by human intervention. ANKASH U1130/830 is designed, keeping your every day productive needs and ease of use of the operator in mind.

SPECIFICATION

	ANKASH U1130	ANKASH U830
Technology	Ultra-Violet imaging	Ultra-Violet imaging
Exposure system	405 nm, using UV semiconductor laser diode	405 nm, using UV semiconductor laser diode
Channels	96, 64, 48 & 32 channels	64, 48 & 32 channels
Plate loading	External drum	External drum
Loading type	Manual loading Auto-loading (optional)	Manual loading Auto-loading (optional)
Maximum size	1130 x 930 mm	830 x 660 mm
Minimum size	450 x 370 mm	450 x 340 mm
Maximum imaging area	1120 x 920 mm	820 x 650 mm
Minimum imaging area	440 x 360 mm	440 x 330 mm
Addressability	2400 spi	2400 spi
Screening frequency	AM: 300 lpi FM: 10 μ	AM: 300 lpi FM: 15 μ
Throughput (plates/hour)	Imaged 2,400 spi at 800x1030 mm: 96C: 37 p/h, 64C: 28 p/h, 48C: 22 p/h, 32C: 16 p/h	Imaged 2,400 spi at 745x605 mm: 64C: 30 p/h, 48C: 25 p/h, 32C: 15 p/h
Repeatability	+/- 0.005 mm	+/- 0.005 mm
Dimensions	L x B x H = 2400 x 1375 x 1090 mm	L x B x H = 1950 x 1120 x 1130 mm
Weight	1400 Kg.	1200 Kg.
Desired environment	Temperature: 23° C (Tolerance: \pm 2°C) Relative humidity: 40-70%	Temperature: 23° C (Tolerance: \pm 2°C) Relative humidity: 40-70%
Power supply	220 V, AC, 50-60 Hz, 5 KW (Single phase)	220 V, AC, 50-60 Hz, 4.5 KW (Single phase)
Workflow	Bundled package includes RIP (Harlequin), Imposition (PRI) and 1-bit TIFF down loader	Bundled package includes RIP (Harlequin), Im- position (PRI) and 1-bit TIFF down loader

