

ANKASH VLF UV-CtP Platesetter



ANKASH
Solutions, LLC

ANKASH VLF U1670/1450 UV-CtP Platesetter

The attraction of low cost UV-CtP plates has spurred the growth of Very Large Format (VLF) UV-CtP platesetters. ANKASH U1670/1450, a VLF UV platesetter is caters to this need. With a high addressability of 2400 spi, and an ability to produce 300 lpi, it can handle all your high quality print requirements, even in large format. 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 either 96 or 64 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 still productive. The optional auto loader and bridge can further enhance your throughput needs—uninterrupted by human intervention. ANKASH U1670/1450 is designed keeping your every day productive needs and ease of use of the operator in mind.

SPECIFICATION

	ANKASH U1670	ANKASH U1450
Technology	Ultra-Violet imaging	Ultra-Violet imaging
Exposure system	405 nm, using UV semiconductor laser diode	405 nm, using UV semiconductor laser diode96 &
Channels	96 & 64 channels	96 & 64 channels
Plate loading	External drum	External drum
Loading type	Manual loading Auto-loading (optional)	Manual loading Auto-loading (optional)
Maximum size	1670 x 1330 mm	1450 x 1150 mm
Minimum size	650 x 550 mm	650 x 550 mm
Maximum imaging area	1660 x 1320 mm	1440 x 1140 mm
Minimum imaging area	640 x 540 mm	640 x 540 mm
Addressability	2400 spi	2400 spi
Screening frequency	AM: 300 lpi FM: 20 μ	AM: 300 lpi FM: 20 μ
Throughput (plates/hour)	Imaged 2,400 spi at 1630x1325 mm: 96C: 17 p/h, 64C: 12 p/h	Imaged 2,400 spi at 1450x1150 mm: 96C: 23 p/h, 64C: 18 p/h
Repeatability	+/- 0.005 mm	+/- 0.005 mm
Dimensions	L x B x H = 3140 x 1975 x 1280 mm	L x B x H = 2736 x 1750 x 1350 mm
Weight	2800 Kg.	2000 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	380 V, AC, 50-60 Hz, 6 KW (Three phase)	380 V, AC, 50-60 Hz, 6 KW (Three 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

