

ANKASH VLF Thermal CtP Platesetter



ANKASH T1670/1450 VLF Thermal CtP Platesetter

Based on popular need to image plates on Very Large Formats (VLF) for display and packaging requirements, ANKASH T1670/1450 is now available for you in 2 sizes. Given many large format presses exist in the market, ANKASH T1670/1450, is an ideal solution that best fits your VLF imaging needs. Imaging at high addressability of 2400 spi, with an ability to produce 300 lpi, there are no compromises on image quality. Provision for optional dies eliminate the need to punch the plates, post plate making.

The imaging head is equipped with a choice of either 96 or 64 channels of Infra red, semiconductor LED's that burn a precise spot to the plate. These 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 T1670/1450 is designed keeping your VLF production needs and ease of use of the operator in mind.

SPECIFICATION

	ANKASH T1670	ANKASH T1450
Technology	Thermal imaging	Thermal imaging
Exposure system	830 nm, using IR semiconductor laser diode	830 nm, using IR semiconductor laser diode
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

