

# ANKASH Thermal CtP Platesetter



# ANKASH T1130/830 Thermal CtP Platesetter

Based on the proven Thermal imaging technology, ANKASH T1130/830, is a productive and easy to use Thermal platesetter. Imaging at high addressability of 2400 spi, with 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, thereby reducing your make-ready time on press. Provision for optional dies in the platesetter, can eliminate the need to punch the plates, post plate making.

The imaging head is equipped with a choice of 96, 64, 48 or 32 channels of Infra red, semiconductor LED's, that burn a precise spot to 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 T1130/830 is designed, keeping your every day productive needs and ease of use of the operator in mind.

## SPECIFICATION

	ANKASH T1130	ANKASH T830
Technology	Thermal imaging	Thermal imaging
Exposure system	830 nm, using IR semiconductor laser diode	830 nm, using IR 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 $\mu$	AM: 300 lpi      FM: 15 $\mu$
Throughput (plates/hour)	Imaged 2,400 spi at 800x1030 mm: 96C: 28 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

