CRON Thermal CTP series

Optional configurations for commercial and newspaper solutions

TP 66"/72" VLF Series

Model : **G**

	TP-6648G	TP-6664G	TP-6696G	TP-7248G	TP-7264G	TP-7296G
Imaging						
Resolution	2400/2540/2800dpi(option 3000/3600dpi*)					
Throughput	11	14	20	10	15	18
	2400dpi (width: 1850mm)					
Dot recovery	1%-99%					
Registration accuarcy	0.01mm					
Plates						
Max. plate size	1670mm×1290mm			1850mm×1422mm		
Min. plate size	650mm×550mm					
Applicable plate	TP Plate					
Plate thickness	0.15 ~ 0.40mm					
Technology						
Laser channels	48	64	96	48	64	96
Laser wavelength	830nm					
System						
Automatic positioning system with high resolution by three points method	Available					
Air cooling and purifying system	Built-in					
Vacuum system	Built-in					
Automatic loading system	Optional					
FM screening and FAM hybrid screening	Available					
Power & Working condition						
Power supply	3-phase AC 380V±5% 50/60Hz					
Power	10 KVA					
Operation temperature	18~25℃					
Range humidity	20~70%					
Size & Weight						
Machine dimensions	W×L×H: 1500mm×2700mm×1200mm					
Machine net weight	2300 kg					

CRON reserves the right to amend and correct the information.

TP CTP 66"/ 72" VLF Model G

CRON 72" / 66" G Series CTP is a affordable VLF CTP capable of imaging at up to 3600dpi resolution with an image format from 650 x 550 mmup to 1850 x 1422 mm (72"), 1670 x 1290 mm (66").

The new Optical Carriage design with integrated optical and laser reduces power loss and assures optimum image quality at all times. The new integrated system also means that maintenance is much simpler.

Optional configurations for commercial and newspaper solutions.

Accurate, high quality imaging and performance

- V-Shaped guide rail ensures perfect spot focus across the drum and the linear magnetic drive ensures friction-free movement controlled down to 0.1 µm.
- Unique 3-point loading system and non-contact sensor positioning ensures smooth and efficient plate loading with plate to plate register accuracy greater than 0.01 mm.
- Double balanced drum enables high speed vibration-free performace and low maintenance.
- Patented auto clamp closing technology and drum vacuum ensures accurate plate positioning at all times together with safe operation.

Flexible configurations for varying customer requirements

- A choice of laser diode configurations and upgrade options: 16, 24, 32, 48, 64 and up to 96 channels available.
- Unique ability to re-configure CTP between UV and Thermal technology by replacing Laser optical system.
- Superior optical design means that CRON CTPs can be aconfigured for Commercial or Newspaper applications and output resolutions.
- Accept standard 1-bit tiff files, compatible with most pre-press workflows.
- CRON CTPs have a smaller foot print than most other CTP systems allowing them to be used in more confined working environments.

Productivity

- With a maximum of 96 laser diode channels speeds of up to 20 plates per hour are possible for high throughput Commercial and Newspaper applications.
- CRON's unique plate handlng technology minimises time to load and unload plates and optimises throughput.

Excellent image quality

- Digital image position control to an accuracy of 0.5 µm.
- Digital laser focusing system with automatic temperature and focus compensation.
- A 2.0MHz optical correction system and zoom technology enabling resolutions up to 3600 dpi with high speed and class winning precision.
- Precision imaging and high quality optics ensure class leading quality and ability to realize 10 µm square FM screening.
- Optical carriage contains both the Scanning optical system and laser diodes reducing power loss and enabling greater control over image quality.

Easy of use and maintenance

- Complete digital control: from plate loading to imaging, punching and processing entirely controlled by LaBoo software.
- Efficient and high power single channel laser system with low energy loss extends laser diode life.
- Optical and laser system installed in a single compact carriage unit for easy manitenance.
- Linear magnetic rail scanning system. The new super wear-resistant self-lubricating material ensures that the rail system is extremely durable and needs almost no maintenance.
- Individual laser diodes can be changed seperately reducing maintenance costs.
- A comprehensive product warranty and extended cover for key components ensures worry-free operation.

Environmentally friendly

- Chemical Reduction System: CRON's unique UV-CTP digital processing technology (CRD) enables automatic processor liquid replenishment based on parameter settings. Savings of more than 50% of chemistry consumption are possible.