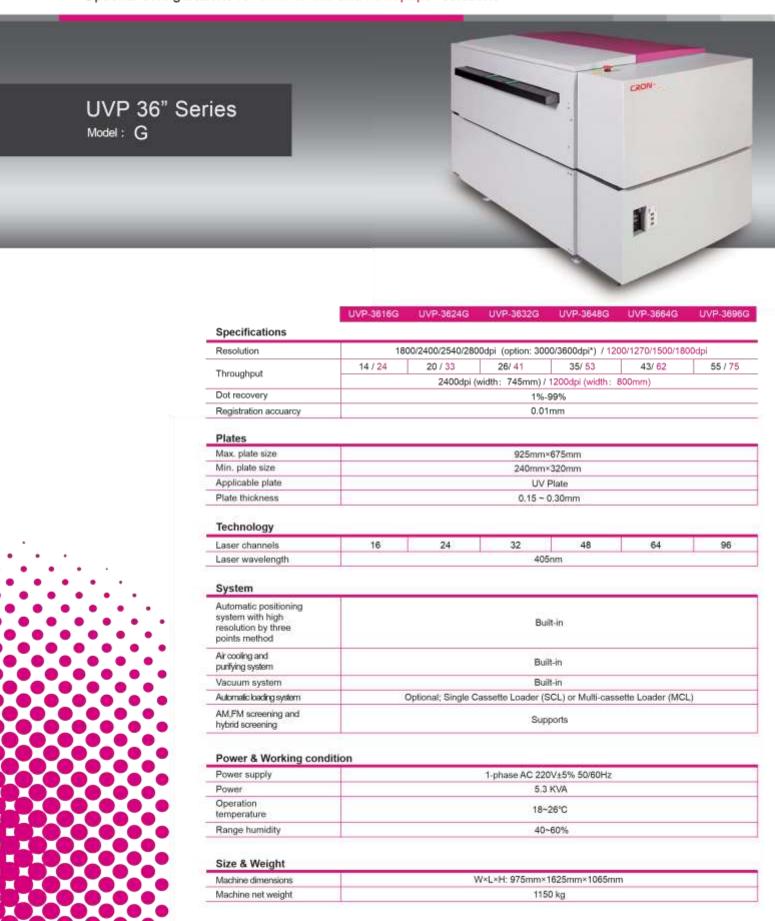


UV CTP series

Optional configurations for commercial and newspaper solutions





UV CTP 36" Model G

CRON 36" G Series CTP is a versatile 6 Page CTP capable of imaging at up to 3600dpi resolution with an image format from 240 x 320 mm up to 925 x 675 mm.

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

Choices 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.
- Dual 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 CTP can be configured 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 footprint versus 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 75 plates per hour are possible for high throughput Commercial and Newspaper applications.
- Unique plate handing technology minimizes time to load and unload plates and optimizes throughput.

Excellent image quality

- Digital image position control to an accuracy of 0.5 um.
- 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 FM screening.

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 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 and provides redundancy with no loss of production in the event of a diode failure.
- A comprehensive product warranty and extended cover for key components ensures worry-free operation.

Environmentally friendly

Chemical Replenishment System: CRON's unique UV-CTP digital processing technology (CRD) enables automatic processor liquid replenishment based on parameter settings and conductivity measurements. Savings of 40% of chemistry consumption is possible.