CRON

The Future of High-Quality Commercial CTP

CRON
NORTH AMERICA

CRON

The perfect balance of quality, cost, and efficiency

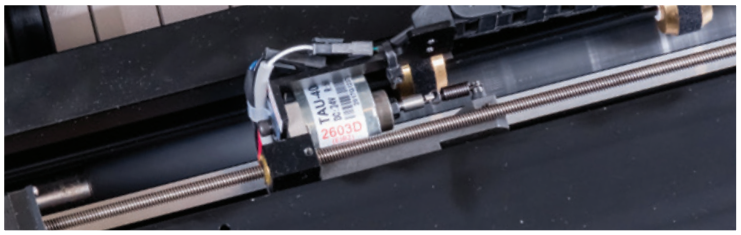
CRON's breakthrough family of commercial platesetters redefines the future of CTP. Balancing quality, cost, and efficiency, CRON CTP enables you to satisfy varying throughput and quality demands while enjoying big savings on long-term operating costs.

Latest generation laser head design

Integrated laser head unit with 830nm wavelength diodes delivers higher precision, sharper imaging with highly stable dot output. This technology delivers consistent performance and quality, affording long life, easy maintenance, and simple upgrades. The redundant laser design allows plate making even if a diode fails.

Automatic 3-point registration and lead screw guide assembly

Our side-gauge drive system replaces belt positioning with a lead screw that achieves more accurate and repeatable plate loading and registration – eliminating time-consuming tension adjustments.

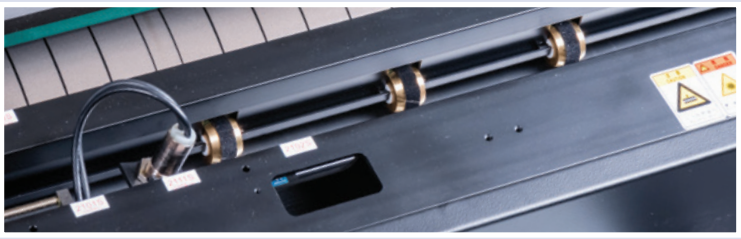


Patented imaging drum design

High precision u-level light drum features class-leading drum surface flatness. The oxidation hardened drum is more durable and longer lasting. A built-in vacuum maintains consistent pressures with large or small plates, and the triple dynamic drum balancing system allows self-reposition with no operator input. The tail clamp into the drum.

Plate-loading system design

Pinch roller design allows for more reliable plate positioning. The independent pressing wheel assembly adapts to varying plate sizes and thicknesses with no engineering adjustment needed.



Dependable and efficient operations

The high precision, linear magnetic rail scanning system provides smooth positive travel, resulting in a dependable operation. A quieter, more energy efficient and maintenance-free large flow vacuum pump system can help save energy costs.

The most dependable, easy-to-use, fast, and affordable thermal platesetting devices

CRON thermal CTPs meet the most stringent demands for print quality and productivity with clean, accurate imaging, precision dot reproduction, a tonal range of 1%-99%, and up to 2,800 dpi resolution. CRON delivers cost-effective solutions to satisfy the most challenging prepress workflow requirements with our line-up of versatile devices.

TP26 H & G+

TP36 H & G+

TP46 H & G+

TP36 G+ model shown
with modular SCL autoloader add-on

Highest quality platemaking at rapid imaging speeds

Wide choice of laser channels to suit productivity and cost needs: 16 to 96 (TP36 models), 16 to 128 (TP46 models), and 16 or 24 (TP26 models)

2400, 2540, and 2800 dpi imaging resolution (2800 not available on TP26 models)

Manual or modular add-on 200-plate single-cassette autoloader with slipsheet removal (SCL shown)

Supports for FM and hybrid AM/FM screening

Images a flexible range of plates including No Process, Develop on Press, and Traditional Wet Process

Accommodates plate sizes from 240 x 320mm to 925 x 675mm (TP36 models), 280 x 280mm to 1160 x 960mm (TP46 models), and 240 x 240mm to 670 x 560mm (TP26 models)

TP36 H model shown
with built-in autoloader as standard

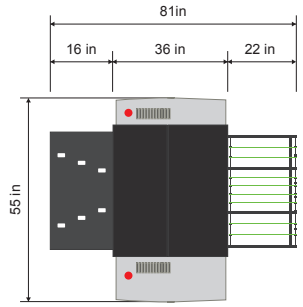
Equip your operation with CRON to satisfy your production demands today…and tomorrow.

- **2-year 100% parts warranty** (excludes annual consumable parts)
- **2-year laser diodes warranty** (or accumulated plate output of 200,000 plates)
- Complete sales and service support to commercial, packaging, FLEXO, and in-plant offset printing operations
- **Customer-First service, including expanded CTP unit inventory, increased parts inventory, and a fully-trained service network**

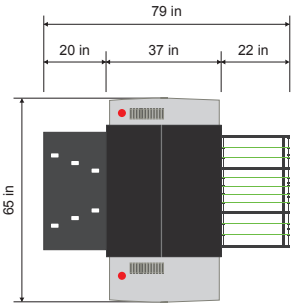
CRON CTP Series Technical Specifications

Model	26H/26G+	36H/36G+	46H/46G+
Recording System	External Drum		
Light Source	Available with UV or Thermal Laser Diodes		
Media	Supports Digital UV or Thermal Plates		
Plate Size (maximum)	670 x 560mm	925 x 675mm	1160 x 960mm
Plate Size (minimum)	240 x 240mm	240 x 320mm	280 x 280mm without autoloader 450 x 370mm with autoloader
Laser Channel	16 or 24	16 to 96	16 to 128
Productivity (2400 dpi)	20 or 27 (SM52 size)	14 to 51 (SM74 size)	9 to 45 (SM102 size)
Imaging Resolution	2400 and 2540dpi	2400, 2540, and 2800dpi	2400, 2540, and 2800dpi
Laser Wavelength	405nm		
FM Screening and Hybrid AM/FM Screening	Supported		
Dot recovery	1-99%, plate dependent		
Registration Accuracy	0.01mm		
Positioning System	Automatic positioning, high resolution 3-point method		
Air-Cooling and Purifying System	Built-in		
Vacuum System	Built-in		
Automatic Plate-Loading System Maximum Plate Amount Inside Autoloader	H Model: Built-in, G+: Optional autoloaders • H: up to 100 plates (0.15mm) and slipsheets G+: single and multi-cassette autoloaders (optional)		
Machine Dimensions (W x L x H)	H: 1400 x 1100 x 1055mm G+: 1400 x 910 x 1080mm	H: 1626 x 1065 x 1070mm G+: 1650 x 930 x 1070mm	H: 1900 x 1220 x 1100mm G+: 1900 x 1100 x 1150mm
Machine Net Weight	H: 1070 kgs • G+: 900 kgs	H: 1200 kgs • G+: 1080 kgs	H: 1280 kgs • G+: 1240 kgs
Power	(2) single-phase 225 – 250VAC, 20 amp	(2) single-phase 225 – 250VAC, 20 amp	(2) single-phase 225 – 250VAC, 30 amp

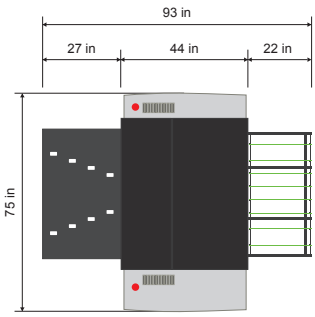
CRON Model TP26-G+
stand-alone unit



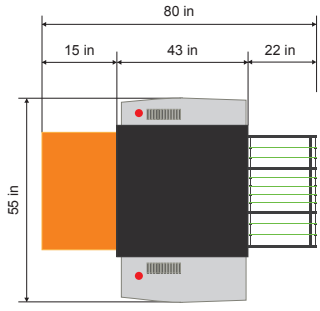
CRON Model TP36-G+
stand-alone unit



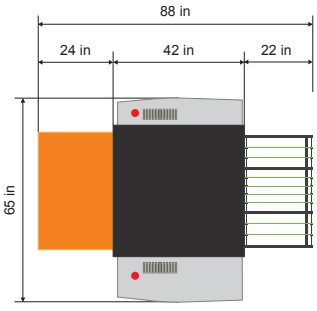
CRON Model TP46-G+
stand-alone unit



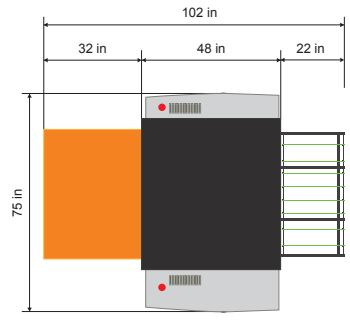
CRON Model TP26-H
with built-in autoloader



CRON Model TP36-H
with built-in autoloader



CRON Model TP46-H
with built-in autoloader



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