



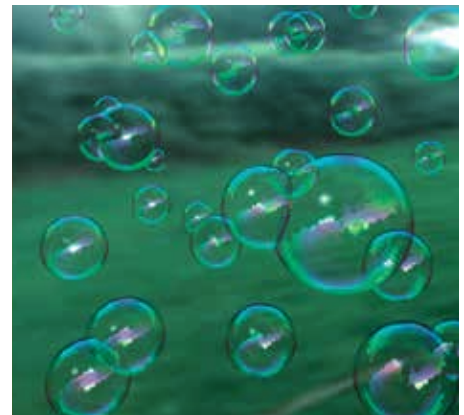
CTP Model 26H Fully Automated Package

THE PERFECT CTP FOR THE SMALL FORMAT PRINTER - AT AN UNBEATABLE PRICE



- CRON CTP Model 26H – 3-in-1 fully automatic CTP system with auto-loading and in-line punch
- Blackwood Emerald-UV low chemistry plate
- WPT70 low chemistry Wash-out Unit

This complete Eco-friendly package includes the perfect 2-page CTP solution: the CRON CTP Model 26H, the compact all-in-one CTP, auto feeder, imager, punch and conveyor. Featuring comprehensive automation options, this system offers fast, highly cost-efficient UV plate production and the most convenient footprint for small format printers available today.





CRON

CRON presents the most compact ECO friendly CTP solution for small format printers, now available as an all-in-one fully automated package built with convenience and economy in mind.

CRON CTP Model 26H 3-in-1 fully automatic CTP system with auto-loading and in-line punch

- Superb low cost solution for small-format printers
- 100 plate auto-load & de-leafing
- In-line plate punching
- Compatible with Eco-friendly plates
- Compact design with a small footprint

The CTP Model 26H (26"/670mm format) is the first in a line of automatic 3-in-1 integrated imaging systems designed by CRON. The H-series system combines fully automated plate loading with precision imaging, punching and transport, providing a low cost, easy-to-use and compact unit which is easy to maintain. With a total footprint just 60% the size of comparable units, this system offers high performance alongside improved convenience and cost efficiency.

The exposing engine, based on CRON's market-leading magnetic linear drive platform, provides fault-free imaging across a wide choice of resolutions with registration accuracy up to 0.01mm and a tonal range 1-99%, in either conventional or stochastic screening. Consistent drum pressure control, and integrated online punching for up to 3 punching heads, enables precise registration for a wide range of formats.

Blackwood Emerald-UV Low Chemistry Plate

The new CRON Blackwood Emerald-UV low chemistry plate is unique, designed to not only streamline the production process, but also reduce costs and support a higher level of environmental responsibility by minimising the consumption of chemicals and water for UV exposed plates. With a simple 'wash out' bath, plates are press ready in seconds and exhibit perfect dot reproduction, from 1-98% for either stochastic screening (20 micron) or conventional screening up to 200 lpi. Run length is up to 50,000 without baking (20,000 for UV ink).

Blackwood UV plates bring the qualities of a first-class aluminium base with multi-layer electrochemical graining, together with a coating which has a high sensitivity, excellent plate adhesion and robust performance. The net result provides excellent contrast, perfect ink/water balance and is ideal for commercial printing.

The CRON Blackwood Emerald-UV also benefits from eco-friendly platesetting, due to the non-ablative process and the use of a low-chemistry, non-toxic washout solution. This reduces the impact on the environment, as well as delivering significant financial savings on plate chemistry and controlled waste removal.

WPT70 Wash-out Unit

The WPT70 Wash-out Unit is a highly automated and cost effective design, with an optimal space-saving footprint which perfectly complements the CRON CTP Model 26H. Controlled via a simple touch screen LCD operation panel for ease of setup, the system features a wash section, gum section, dryer and simple exit table, as well as a plate counter to track the maintenance cycle.

The WPT70 Wash-out Unit is an excellent low environmental impact partner for the Emerald plate, as it utilizes a non-toxic and non-corrosive, phosphate-free low-alkaline wash-out solution similar to ordinary laundry powder. Water re-circulation is included as a standard feature and waste is pH neutral.



Specifications

CTP Model 26H

Laser model option UV

Model	UVP-26H
Resolution	2400/2540/2800dpi
Production speed (plates per hour)	20 or 27 - 2400dpi/510mm
Plate	MAX 670*560 mm / MIN 240*240mm
Laser Channels	16 or 24
Plate thickness	0.15-0.30mm
Machine Dimension	1020*1375*1120mm (machine) + 576*856*310mm (loader)
Crated Dimension	1360*1700*1390mm (crated machine) + 750*1180*940mm (crated loader)
Gross Weight machine/loader	1200kg / 60kg
Net Weight machine/loader	1020kg / 22kg
Auto-loading	Built-in: 50 x 0.3mm plates / 100 x 0.15mm plates
Punch	Built-in (optional)
Power supply	Single-phase AC 220V 50/60Hz, Rated Power 5.3KVA
Environment Requirement	Temperature: 18-25°C, relative humidity: 40-60% (non-condensing)

Blackwood Emerald-UV – Negative plate

Thickness	0.15 - 0.4mm
Exposure power	35mj/cm ² , UV 405nm
Resolution	1-98% (200 lpi, 20 Microns) 2400 dpi
Run length	> 50,000 impressions*
Shelf life	12 months
Safe light	2 - 4 hours
Surface plate	Blue Colour

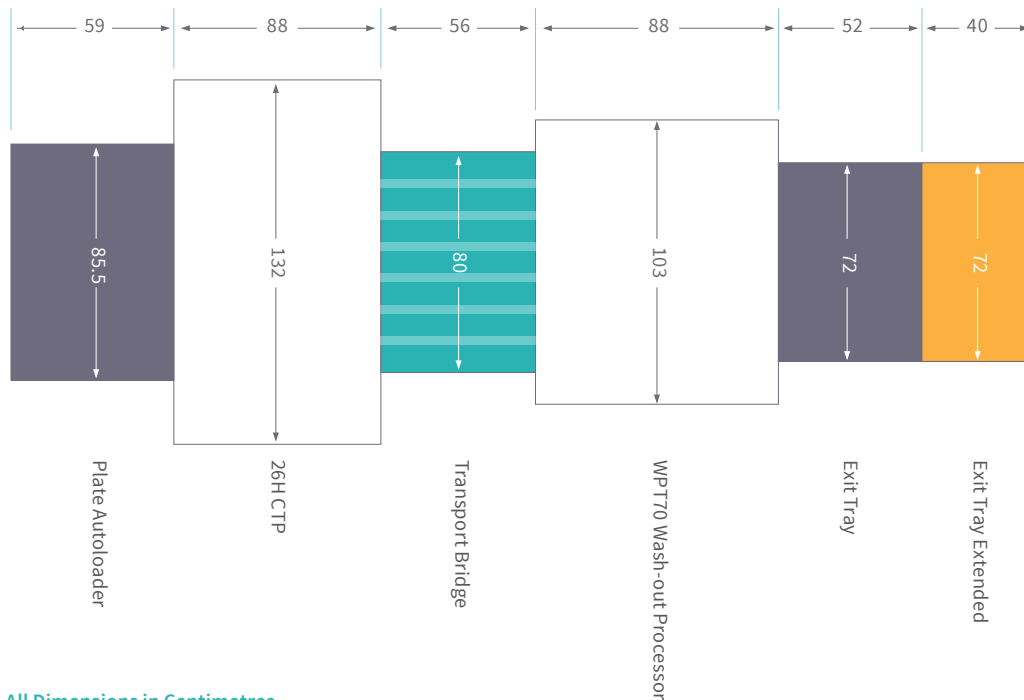
**unbaked with normal inks*

WPT70 Wash-out unit

Plate type	Emerald UV Negative plate
Plate width, min-max	150mm-700mm
Plate length, min-max	240mm-2000mm
Plate thickness, min-max	0.13mm-0.4mm
Wash-out	Soap and water, pH neutral solution
Tank volume	20L
Water supply	Built-in water re-circulation or external water supply
Gum container volume	5.9L
Processing speed (For depth time)	10-60S
Wash-out temperature (Operating temperature)	15-30°C
Dryer temperature	35°C-60°C
Max. Noise emission	<70dB
Machine dimensions (L*W*H)	820*1030*1040mm
Dimension (including loading tray)	(920) *1030*1040mm (dimension when connecting with CTP) (1220) *1030*1040mm (dimension without connecting with CTP)
Dimension (including loading tray & output tray)	(1520) *1030*1040mm (dimension when connecting with CTP) (1820) *1030*1040mm (dimension without connecting with CTP)
Max rated power	3850W
Current	Max. 16A
Approval	CE marking
Net weight	210Kg

Total system footprint:

The CRON CTP Model 26H fully automated package offers the most convenient footprint for small format printers, taking up just 60% of the space required for comparable systems



All Dimensions in Centimetres

About CRON

Since its founding in 1992, CRON has set its sights on redefining the direction of conventional offset print.

Starting with image setting and moving to CTP, the company now provides a portfolio of integrated digital prepress technologies that improves the quality and efficiency of print workflows while reducing turnaround times and costs, as well as the point at which print runs become profitable. Today, CRON has four major strands to its business: Advanced CTP solutions for both UV, thermal and flexo plate exposure; Precision offset plates for UV and thermal exposure sold under the Blackwood brand; Integrated prepress peripherals; and Precision Inker and instruments. Together these products not only streamline the platemaking process but also provide measurement and control of the final printed products, helping customers maintain and increase profitability.



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