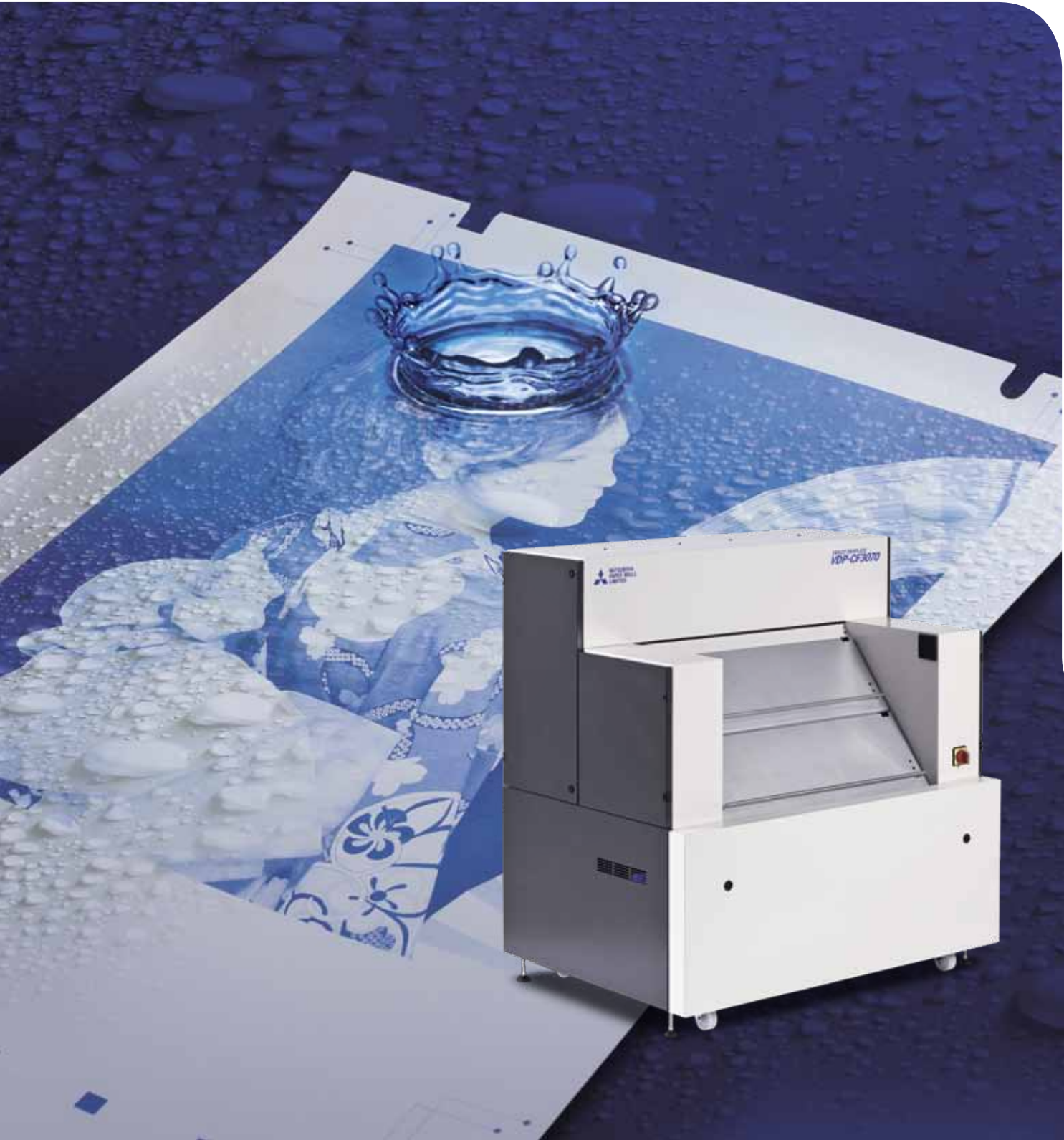
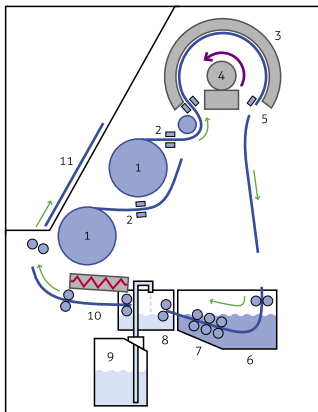


Violet Digiplate CTP System



CTP innovation in a compact unit

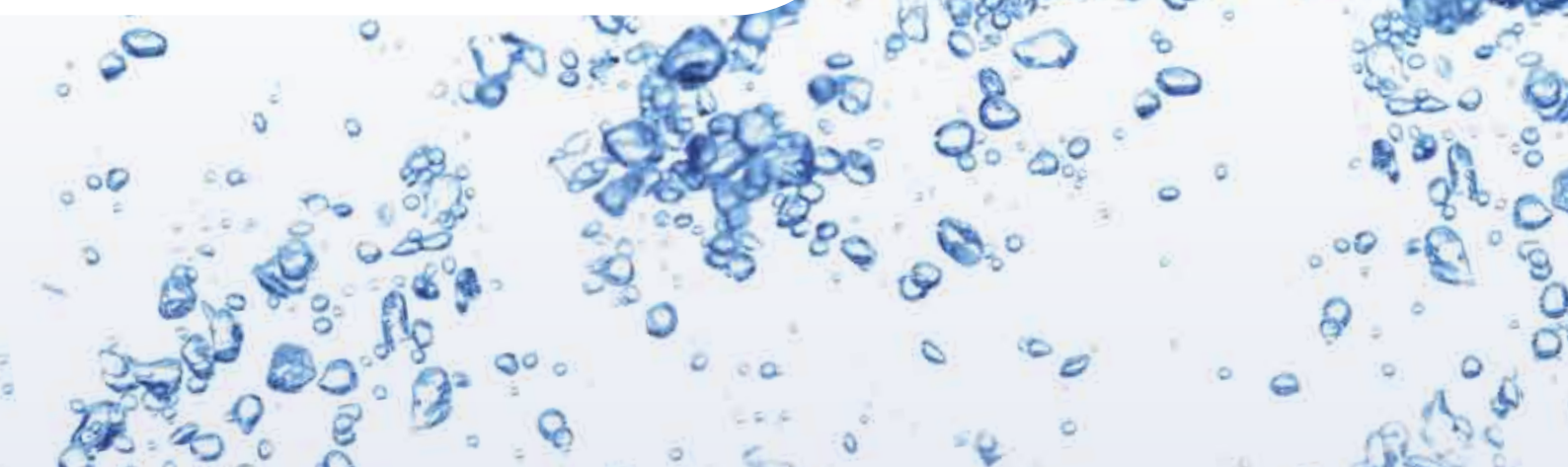
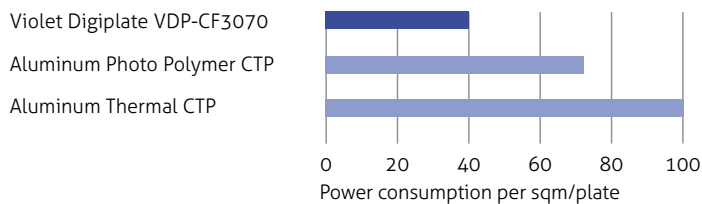
The Violet Digiplate VDP-CF3070 sets a new standard for offset printing in the small to medium-sized print market. This unique system even allows you to expose in the 4-page XL format. The fully-automatic Violet Digiplate VDP-CF3070 outputs approx. 20 plates per hour at a resolution of 2,540 dpi. Plates are exposed, punched, washed-off, dried and cut to format, thus ready for immediate printing. With 2 roll magazines and the integrated register punch, the Violet Digiplate System offers ideal operating conditions where two plate formats can be output automatically without any loss in material or time. This innovative, compact and fully-automatic CTP platesetter is characterized by its environmental friendliness and extremely low energy consumption and a minimal CO₂ footprint.



Violet Digiplate VDP-CF3070

- 1 Plate supply cassettes
- 2 Plate detector
- 3 Imaging drum
- 4 Violet laser system
- 5 Plate cutter
- 6 Wash section, 21 l water
- 7 Brush roller
- 8 Cleaning section, 7 l water
- 9 Water replenishment tank
- 10 Dryer
- 11 Plate exit tray

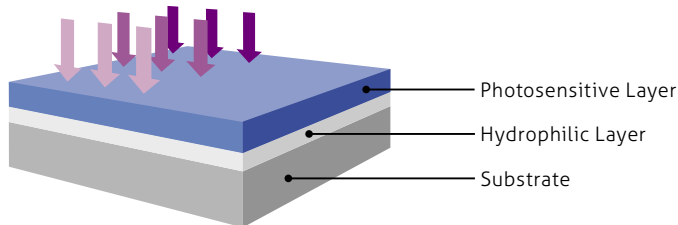
CTP system electric power consumption



Excellent printability; Environmentally-friendly

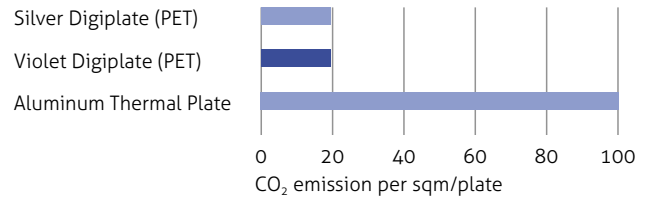
The Violet Digiplate Printing Plate

The new Violet Digiplate (VDP) combines chem-free CTP production with an outstanding offset printing plate quality. The violet sensitive Digiplate uses a polymer cross-linking technology that requires no chemical processing to create the image area. This unique plate requires only water for wash-



off, no pre-heating and no gumming. The Violet Digiplate, available on polyester base, resembles a typical metal plate with a gray background and a clearly visible blue image area, allowing for easy plate inspection prior to mounting and while on the press. In addition, the VDP features excellent printability due to maximum resolution.

CO₂ emission of plate material *



* The calculation for the relative values were performed according to publicly available data. It has not been audited by third party.

Features and benefits at a glance

Environmentally-friendly

- Absolutely chem-free plate production
- Wash-off only with water
- Optimum environmental performance
- Low CO₂ emission values
- Considerably reduced energy consumption

Smart Design; Ease of use

- Universal and flexible: for B3 and B2 format
- Minimum maintenance
- Easy operation
- Very compact design

Outstanding printing characteristics

- Press runs 20,000 impressions
- Plate thickness 0.2 and 0.3 mm
- Excellent ink/water balance
- Resolution 2,540 dpi, 200 lpi

Unique price/performance ratio

- Reduced overhead expenses with fully automated operation
- Investment costs are significantly lower compared to metal CTP system

Technical Specifications

Violet Digiplate printing plates

Violet Digiplate VDP-CF3070



Type of plate	Violet-sensitive CTP polyester plate on photopolymer base
Plate gauge	0.2 mm and 0.3 mm
Plate line screen	Max. 200 lpi
Print run length	20,000 impressions (under standard printing conditions)
Printing performance	Performs with regular fountain solution and ink
Type of platesetter	Internal drum with integrated printing compliant register punch
Material supply	2 magazines for roll material, 61 m roll at 0.2 mm gauge, 41 m roll at 0.3 mm gauge
Plate format	Max. 780 mm x 680 mm Min. 305 mm x 305 mm
Light source	60 mW Violet laser diode (405 nm)
Resolution	2,540 dpi; 1,270 dpi
Recording speed	Approx. 20 plates/hr at 2,540 dpi
Chem-free wash-off unit	Integrated wash-off unit only with water in closed 28 litres unit, no water supply needed, no plate heating between imaging and wash-off necessary. No plate gumming.
Power requirements	200 – 240 V, 50/60 Hz, 20 amps
Environment	18 – 25 °C, 40 – 70 % relative humidity
Net Weight	550 kg
Dimensions	138 (W) x 98 (D) x 147 (H) cm
RIP software	Harlequin-RIP of latest generation
RIP hardware	Intel Core PC of latest generation

March 2014: Specifications are subject to change without notice.

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