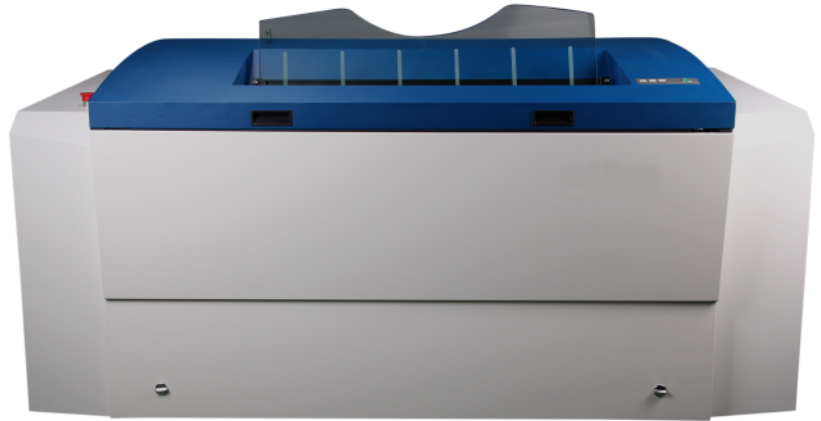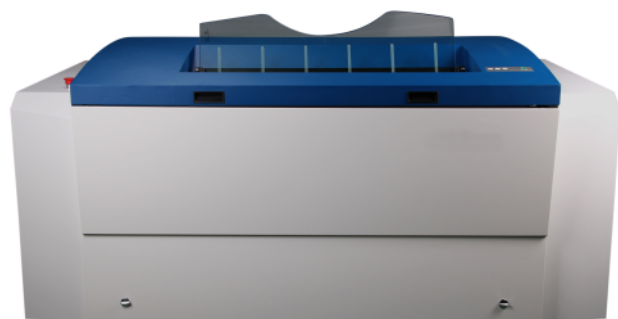# ACCELERO 400

QUALITY, PERFORMANCE, FLEXIBILITY

The Accelero 400 is made for quality conscious for 4-up commercial printers with plate sizes up to 800 x 660 mm (31.5 x 26 in). It is available with either a thermal or U.V. imaging head and supports "develop on press" and wet processing plate types. Thermal and U.V. processing speeds are comparable, but the imaging head can be configured with either 24, 32 or 48 laser channels depending on performance requirements. Plates are fed manually and once imaged, returned to the operator at the point of load.

The Accelero 400 uses a single optimized resolution, usually 2400 dpi. Output speed is determined by the number of laser channels, the plate size and resolution, but as a guide, at 2400 dpi, using the maximum sized plate the Accelero will produce 15 plates an hour with 24 channels and 19 and 26 plates an hour with 32 and 48 channels respectively.

Accelero™

- Thermal or UV imaging head

- 24 to 48 laser channels

- Precision external drum

- Manual plate loading and unloading

- 1200 or 2400 dpi

- Max plate size: 31.49 x 25.98 in (800 x 660 mm)

- Min plate size: 15.75 x 11.8 in (400 x 300 mm)

- Max imaging size: 31.5 x 25.4 in (800 x 646 mm)

- Conventional and D.O.P plates

- Approx. 15-26 max size PPH at 2400 dpi

alfa CTP Systems

An alfa solution for commercial printers

alfa CTP Systems is an established company providing CTP, work flow systems and 24/7 comprehensive service to the printing and publishing industry. It carries a full range of devices embracing all the major imaging technologies (violet, thermal and UV) and is able to provide complete solutions for commercial printers from 2-up to VLF format.

alfa CTP is part of a larger group of companies and in conjunction with our sister enterprises: alfa media, IPA Systems we are able to tackle almost any project related to the printed or digital word.

Accelero™

MACHINE NAME	ACCELERO 400
Machine applications	Commercial, newspaper
Imaging method	Thermal or UV laser diode array, external drum
Imaging head	24 – 48 channels
Max plate size	800 x 600 mm (31.5 x 26 in)
Min plate size	400 x 300 mm (15.74 x 11.8 in)
Max Imaging size	800 x 646 mm (31.5 x 25.4 in)
Plate thickness	0.15mm – 0.3mm
Plate load	Manual
Plate de-loading	Manual
Output speed example	Maximum size plate @ 2400 dpi, 15 - 26 PPH (24 - 48 channels)
Lighting	White light operation
Resolution	Fixed size up to 2400 dpi
Repeatability	± 5µm (4 continuous exposures of the same plate at 23°C, 60% RH)
Power	Single phase: 200-240V. Power 4KW
Environmental	Recommended: 21-25°C. Allowed 18-26°C. Humidity 40-70% non-condensing
Size	1900 x 1200 x 1000 mm (74.8 x 47.2 x 39.4 in) W x D X H
Weight	800 Kg (1,760 lbs)

alfa CTP Systems

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