

ACCELERO 800

HIGH QUALITY, OUTSTANDING VALUE

The Accelero 800 makes high quality printing plates for demanding 8-up printers with plates up to 1130 x 920 mm (44.45 x 36.2 in). It images from an external drum and comes with either a thermal or UV imaging head, which can contain between 32 and 64 channels, depending on the level of output speed required (more channels, greater speed). The performance of thermal and UV heads is comparable and the machine supports both "develop on press" and wet processing plate types.

Plates are loaded manually into the top of the machine and are returned to the operator at the point of loading. The machine operates in white or daylight conditions. To ensure the highest quality results, the machine is optimized for a single resolution which can be up to 2400 dpi.



- Thermal or UV imaging head
- 32 to 64 laser channels
- Precision external drum
- Manual plate loading and unloading
- 1200 or 2400 dpi
- Max plate size: 1130 x 920 mm (44.45 x 36.2 in)
- Min plate size: 400 x 300 mm (15.75 x 11.8 in)
- Conventional and D.O.P plates
- Up to 25 max size PPH at 2400 dpi

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 and IPA Systems we have the technology to tackle almost any project related to the printed or digital word.

MACHINE NAME	ACCELERO 800
Machine applications	Commercial, newspaper
Imaging method	Thermal laser diode array, external drum
Imaging head	32 – 64 channels
Max plate size	1130 x 920 mm (44.45 x 36.2 in)
Min plate size	400 x 300 mm (15.74 x 11.8 in)
Max Imaging size	1130 x 904 mm (44.45 x 35.6 in)
Plate thickness	0.15mm – 0.3mm
Plate load	Manual
Plate de-loading	Manual
Output speed example	Maximum size plate @ 2400 dpi, up to 25 PPH (64 channels)
Lighting	Daylight or white light operation
Resolution	1200 or 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	2320 x 1080 960 mm (91.3 x 42.5 x 37.8 in) W x D X H
Weight	900 Kg (1,980 lbs)