

LANIER
Smart at Work

Pro™ 8100S/ 8110S/8120S



Heavy-Duty Digital Black and
White Production Printers

Pro™ 8100S **95 ppm** Black & White
Pro™ 8110S **110 ppm** Black & White
Pro™ 8120S **135 ppm** Black & White

Advanced technology for higher productivity

At Lanier, our continually evolving solutions are designed to drive digital expectations into the next generation of production printing. That's why you'll find our **Pro™ 8100S** series of mono production printers offer exceptional reliability along with outstanding image quality and paper handling. It results in greater productivity and opens up new opportunities for revenue - just what you need in this highly competitive environment.

- Superior image quality
- Enhanced robust design
- Excellent paper handling
- Superb reliability
- Maximum uptime



Raising performance. Lowering costs



High speeds and image quality

These new generation digital printers offer outstanding monochrome print speeds of up to 135ppm plus scanning speeds of 120 (simplex) and 220 (duplex). The latest VCSEL technology and new toner formulation ensure supreme image quality for consistently professional results.

Robust and reliable

With its new distinctive design and improved flat paper path, the **Pro™ 8100S** series raises the bar for reliability. It enables you to produce extended runs with excellent and stable quality; delivering higher productivity whilst lowering costs.



Broad paper handling

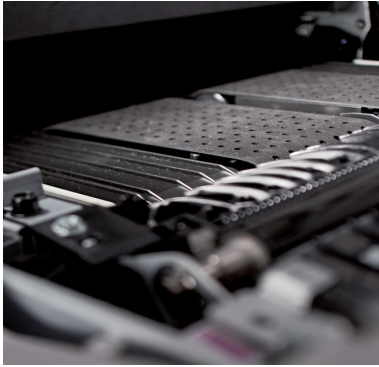
The **Pro™ 8100S** series will support heavy coated paper, textured media and pre-printed paper. It also offers a wide range of paper latitude – supporting SRA3 paper size as standard and up to a maximum of 320mm x 480mm. All of which helps you capture more jobs from books and manuals to envelopes, invoices and direct mail.

Simple and easy operation

A new large colour LCD Touch Panel with customisable home screen allows programming of shortcuts for frequently used job operations. Includes Status Light Pole so you can monitor operation from a distance and 'on the fly' toner replacement to maximise uptime and productivity.



Designed to maximise your success



High productivity

- Duty cycle of 3,000k pages per month with 60M lifespan (135ppm model) supports high-volume usage and seasonal peak-printing volumes
- Modified paper guides reduce static and coupled with a revised airflow design lowers internal temperatures ensuring long print runs
- New belt-fusing technology incorporates a new paper separation plate which does not contact the hot roller to prevent scratches and gloss streaks
- New Process Control technology and stability of image density ensures print quality is maintained even on long runs

The latest laser technology

Our innovative VCSEL technology gives best in class resolution of 1,200 x 4,800 dpi creating outstanding image quality. VCSEL has as many as 40 laser beams emitting simultaneously to give exceptionally accurate and smooth, professional quality.



Usability

- Designed to maximise uptime and ensure simple troubleshooting processes
- Status Light Pole – can see operational status even from a distance
- Operational panel with customisable home screen
- Enhanced ORU (Operator Replacable Units) to minimise downtime



Opens up new opportunities



Enhanced processing performance

The **Pro™ 8100S** series incorporates a high-performance 1.86 GHz Celeron Processor, 2GB memory and 250 GB x 2 SATA. It delivers faster processing of complex print jobs and supports finishing options to suit your requirements and broaden your client offering.

Wide paper support

The **Pro™ 8100S** series gives your business more print opportunities to offer your customers and drive profitability.

- Superb printing performance on everything from textured and coated media to envelopes and pre-printed forms
- Accurate duplex registration
- Easy setting of appropriate print requirements via enhanced Paper Library



Extend your markets

From textbooks and luxury books to office documents, manuals and poster printing, the **Pro™ 8100S** series lets you drive new business. You can also take advantage of a wide choice of peripherals including multi-folding unit, decurl unit, perfect binder, ring binder, booklet finisher and more.

Widens your environment



Maximise uptime

- Improved flat paper path avoids occurrence of jams and paper tears
- Double feed detection sensor avoids misfeeds of pre-printed paper – so print quality is assured and problems avoided
- Decurl Unit reduces risk of paper curl which could cause paper jams
- Twin toner replacement mechanism, active tray indicators and operator call light help minimise downtime

Enhanced paper library

The extensive library holds over 200 profiles tested and proven by Lanier. There's also a custom library for personalised media profiles along with a back-up capacity for an additional 1,000 profiles. It gives real scope to take advantage of a diverse range of print opportunities.

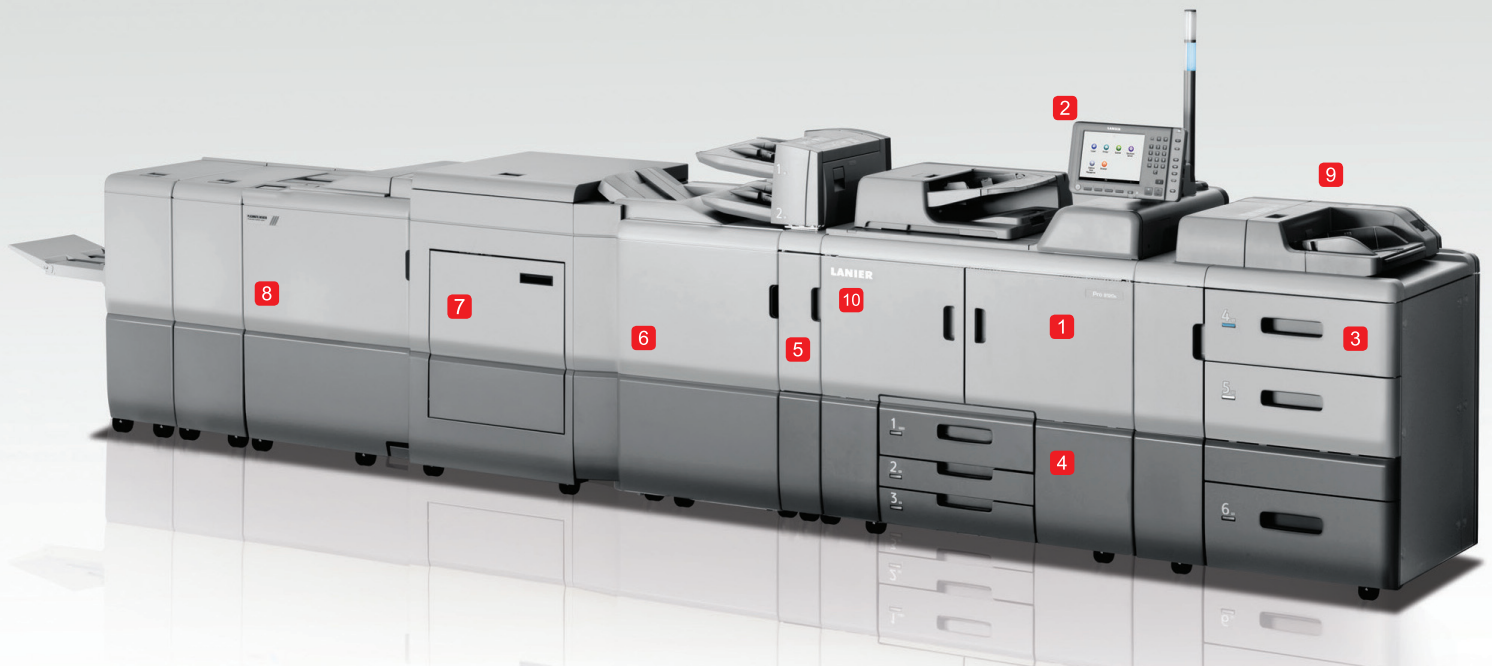


Energy saving

- Eco-friendly indicator helps increase paper usage awareness by displaying the paper reduction and duplex ratios of each user
- New recovery methods from energy save mode reduce power consumption
- Power On/Off timer reduces TCO and energy costs

**TOTAL
FLEXIBILITY**

All the options you need to succeed



1 Pro™ 8100S/8110S/8120S

2 Colour LCD Panel

3 4,400 Sheet SRA3 LCT Large Capacity Tray

4 3 Standard Paper Trays:
- Tandem tray with 2x 1,100 A4 sheet paper (tandem)
- 2 x 550-sheet 3,300 sheet capacity in total

5 Cover Interposer / Inserter

6 3,000 Sheet Finisher with 100 sheet stapler

7 Plockmatic Crease Trimmer

8 Plockmatic Booklet Maker

9 Optional Bypass

10 Optional Decurl Unit*

3 5,000 A4/LCT Large Capacity Tray**

4 Ring Binder**

5 Booklet Finisher**

6 Booklet Trimmer**

7 Multi Folding Unit**

8 Stream Punch Pro**

9 Perfect Binder**

* Optional Decurl Unit is located inside mainframe and not visible

** not illustrated



Main Specifications

GENERAL

Technology: 1-drum dry electrostatic transfer system with internal transfer belt

Fusing: Oil-less belt-fusing method

Toner Type: Newly formulated pulverized toner

Print Speed: Lanier Pro™C8100S: 95PPM
Lanier Pro™C8110S: 110PPM
Lanier Pro™C8120S: 135PPM

Resolution Scan: 600 x 600 dpi

Print: Max 1200 x 4800dpi VCSEL

Warm-up time: 360 seconds or less

Dimensions (WxDxH): 1,320 x 1,110 x 1,460 mm

Weight: 415kg

Power Source: 220-240V, 50/60Hz, 16A

Power Consumption: Lanier Pro™C8100S: 3,200W
Lanier Pro™C8110S: 3,400W
Lanier Pro™C8120S: 3,700W

Duty Cycle: Lanier Pro™C8100S: 2,100K
Lanier Pro™C8110S: 2,400K
Lanier Pro™C8120S: 3,000K

SCANNER FEATURE

Resolution: 100 / 150 / 200 / 300 / 400 / 600dpi
200dpi as a default

Scan Speed: B&W 120(simplex)/ 220(duplex)
(single pass duplex DF) (A4/LET LEF / 200dpi/300dpi-1bit)
Colour 120(simplex)/ 220(duplex)
(A4/LET LEF /200dpi-4bit / 300dpi-4bit)

Max Scan Area: 297 x 432mm

MEDIA HANDLING

Paper Input Capacity: (Tandem Tray), 1st tray (std) 1,100 sheets x 2
2nd tray (std) 550 sheets
3rd tray (std) 550 sheets A4/LT
Tray (optional),
4th tray 1,100 sheets,
5th tray 1,100 sheets
6th tray 2,800 sheets A3/DLT
Tray (optional),
4th tray 1,100 sheets,
5th tray 2,200 sheets
6th tray 1,100 sheets,
Bypass Tray (optional)
7th tray 550 sheets

Max. Input Capacity: (Max) 8,850 sheets

Max. Output Capacity: 3000 + 250 sheets

Paper size: Maximum: 330 x 487.7 mm

Printable Area: 320 x 480 mm

Paper Weight: Standard Trays 52.3 - 256g/m²
Bypass Tray (std) 52 - 256g/m²

A4 Tray (op) 4th tray 52.3 - 216g/m²
5th tray 52.3 - 216g/m²
6th tray 52.3 - 163g/m²
A3 Tray (op)
4th tray 52 - 256g/m²
5th tray 40.0 - 300g/m²
6th tray 52.3 - 256g/m²
A4 Tray (op) 52.3-216.0g/m²
A3 Tray (op) 52.3-300.0g/m²

COLOUR CONTROLLER

Configuration: Embedded

CPU: Intel® Celeron® Processor
P4505 1.86GHz

Memory: 2GB

HDD: Standard: 500GB (250GB x 2)

DVD-ROM Drive: N/A

Operating System: Windows XP/Vista/7/Server
2003/Server 2008/Server2008R2
Netware: 6.5 with Netware option
Unix: Sun Solaris, HP-UX, SCO
OpenServer, Red Hat Linux, IBM AIX
Mac OS X v.10.2 or later SAP R/3,
NDPS Gateway, IBM iSeries,
AS/400-using OS/400
Host Print Transform

Network Protocol: TCP/IP (IP v4, IP v6)

PDL: PCL5e, PCL6, PDF
Optional: Adobe PostScript3, IPDS

Supported Data Format: PDF, TIFF, JPEG

Print Resolution: 1200 x 4800 (dpi)

Font: PCL: 45 fonts, 13 International fonts

Network Interface: Ethernet 1000Base-T/100Base-
USB2.0 TypeA (2 port on
back of the machine, 1 port on
operational panel), TypeB,
SD Slot on operational panel

OTHER OPTIONS

Heavy-Duty Digital Black and White Production Printer with optional Booklet Finisher (3,000 sheets), Booklet Trimmer, Ring Binder, Perfect Binder, Cover Feeder, 2-source Cover Interposer, Multi Folding Unit, Buffer Pass Unit, Decurl Unit, A4/LT LCT, A3/DLT LCT and Output Tray, Plockmatic.

WORKFLOW SOLUTIONS

Lanier TotalFlow: Prep, Print Manager, Production Manager & Path.

ENVIRONMENTAL INFORMATION

Pro™ C8100S comply with Energy Star 1.1 standards.



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