

Landa S11P Nanographic Printing® Press



Key Benefits

- The optimal digital press for all online, commercial, and publishing printing needs.
- Efficiently and cost-effectively addresses a wide array of applications and run lengths.
- Prints on up to B1/41" sheets, thin or thick (60-600um), to maximize substrate usage efficiency, and for seamless finishing line integration.
- Prints on any paper or board, coated or uncoated, with no pre-treatment required.
- **Runs more economically & sustainably, with up to 61% lower carbon footprint:** no printing plates, near-zero waste & make readies, water-based inks, and fully-recyclable output.
- **Covers up to 96% of spot colors with a 7-color process:** any number of spot colors in a single run, with exceptional color consistency, regardless of print length.
- **Uses Active Quality Management (AQM):** in-line automatic quality control system for registration and nozzle correction.
- **Enables full variable data printing, collated jobs, and last-minute corrections,** using Landa's scalable Digital Front End (DFE) solution, built on Fiery® technology.
- **Enables seamless integration into any workflow and environment** due to its open architecture.
- **Utilizes an industry standard conventional inline coating unit** (water-base and UV).
- **Incorporates Insight Landa,** a cloud-based platform that provides a quick and accurate view of the print production process and enables production managers to make data-driven decisions.
- **Supports a modular design,** with two optional modules:

PrintAI Module:

- Enables integration with EyeC ProofRunner, a top-tier inspection system. produce the most demanding print applications, with sharp lines and microtext.
- **AI-powered Active Quality Management** that ensures consistent and repeatable printing of the highest quality.
- Enables integration with EyeC ProofRunner, a top-tier inspection system.

11K Module:

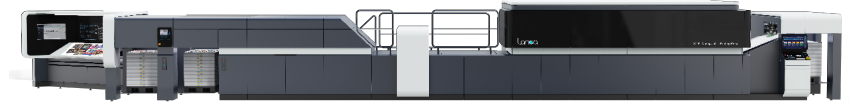
- **Next-level productivity,** with print speed of 11,200 B1 sheets per hour for single-sided printing, or 5,600 B1 sheets per hour for double-sided printing.
- **Speed consistency** from the first page to the last, not influenced by color usage - same print speed for any color combination and any ink coverage.
- **Increased production capacity.**
- **Drastically shortened delivery times.**
- **Enhanced efficiency and cost-efficiency,** for additional applications and profitable opportunities.

Mainstream Production that Combines Productivity and Flexibility

The Landa S11P Nanographic Printing® Press is the only proven B1 digital press on the market for printing double-sided or single-sided mainstream commercial and publishing applications. Delivering unmatched quality at the speed of an offset press and with the versatility of digital printing, it covers 96% of the Pantone® range, with best-in-class color consistency, regardless of print length. Suitable for producing a wide application range, it is capable of printing on any paper, thick or thin (60-600um), without any pre-treatment.

Additionally, the Landa S11P Nanographic Printing® Press delivers faster turnaround times, shorter delivery times, near-zero waste and make readies, and significant labor savings. Indeed, it is as cost-effective when printing a single sheet as when printing tens of thousands.

Supporting two additional modules, the Landa S11P® elevates performance and productivity even further, with the PrintAI Module, which utilizes Artificial Intelligence to enhance quality precision and automation, and the 11K Module, which delivers offset speed, enabling this unique press to address any challenge.



Specifications

Description	Sheetfed Nanographic Printing® press with perfector
Print Speed	6,500 sheets-per-hour (single-sided) 3,250 sheets-per-hour (double-sided) With 11K Module: 11,200 sheets-per-hour (single-sided) 5,600 sheets-per-hour (double-sided)
No. of Colors	4 or 7 color printing system
Resolution	1,200 x 600 dpi With PrintAI Module: 1,200 x 1,200 dpi
Max. Sheet Size	29.5 x 41.3 in. (750 x 1,050 mm)
Min. Sheet Size (Single-Sided)	14 x 20.4 in. (360 x 520 mm)
Min. Sheet Size (Double-Sided)	16.5 x 22.8 in. (420 x 580 mm)
Max. Print Area (Single-Sided)	29 x 40.8 in. (736 x 1,036 mm)
Max. Print Area (Double-Sided)	28.6 x 40.8 in. (726 x 1,036 mm)
Media Thickness	2.4 - 24 pt. (60-600 µm)
Feeder Pile Height	50.6 in. (1,285 mm)
Delivery (Double) Pile Height	45.3 in. (1,150 mm)
Press Length (Inline Coater + Double Delivery)	70.2 ft. (21.4m)
Press Width	15.7 ft. (4.8 m)
Press Height	7.9 ft. (2.4 m)
Press Weight	35.3 US ton (32 tonne)
Total Length (Incl. Working Area + Cabinets)	72.2 ft. (22 m)
Total Width (Incl. Working Area + Cabinets)	22.3 ft. (6.8 m)
Substrates	All types of standard off-the-shelf paper and board, recycled, coated and uncoated
Coatings	Aqueous/ UV/ UV (LED)/ Hybrid (Aqueous + conventional UV)/ Hybrid (Aqueous + LED UV) (per Order Form)
Operator Interfaces	Cockpit Touchscreen, Feeder Console
Color Matching	- CMYK covering 84% of spot colors - Seven colors covering 96% of spot colors
Active Quality Management	Print quality control to ensure highest print quality With PrintAI Module: AI-enhanced AQM
Digital Front End (DFE)	Based on Fiery® technology
Cloud Connectivity	Insight Landa
Workflow	Open architecture for integration with third-party solutions
Product Standards Compliance (by HSK, regulation latest update of 17.04.24)	EMC Directive (Electromagnetic Compatibility) 2014/30/EU Machinery Directive 2006/42/EC RoHS (II) Directive 2011/65/EU WEEE (Waste Electrical & Electronic Equipment Directive) – Exemption for large-scale stationary industrial tools Safety: EN ISO 12100:2010 EMC: EN 55011:2009+A1:2010 EN 1010-1:2004+A1:2010 EN 61000-6-2:2005+AC:2006 EN 1010-2:2006+A1:2010 EN 60204-1:2018 RoHS III EU 2015/863 UL 775 + UL 508A, or field inspection for UL-USA and CSA-Canada Code of Federal Regulations Title 47, Federal Communications Commission Part 15, Subpart B ANSI C63.4-2014 Outside the Scope of China Compulsory Certification (CCC)

Printed on a Landa Nanographic Printing® Press

© 2016-2024 Landa Corporation Ltd. All rights reserved. Landa, Landa Digital Printing, Nanographic Printing, Landa Nanographic Printing, Nanography, Landa Nanography, Landa Nanolink and the related logos and slogans are trademarks or trade names of Landa Corporation Ltd. or registered marks thereof in at least one country. All other trademarks are the property of their respective owners. Reproduction or translation without prior written permission is prohibited, except as permitted under the copyright laws.