

Landa S11 Nanographic Printing® Press



Key Benefits

- Prints on up to B1/41" sheets, from 40um and up to 800um thickness, for maximum substrate usage efficiency and seamless finishing line integration.
- 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.
- 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.
- Enables variable data printing, short runs, collated jobs, last-minute corrections, color matching and more, using Landa's scalable Digital Front End (DFE) solution, built on Fiery® Technology.
- Uses Active Quality Management (AQM): in-line automatic quality control system for registration and nozzle correction.
- 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:

- Enhanced print resolution that enables printers to produce the most demanding print applications, such as microtext and other brand-protection applications.
- Tailored to a wide range of premium products with the most demanding requirements.
- 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 that compares every printed sheet against the digital master, for complete inline defect detection.

11K Module:

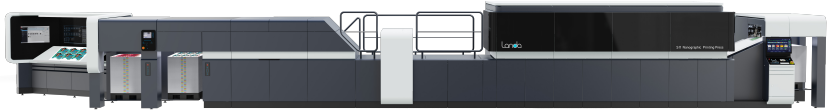
- Next-level productivity, with print speed of 11,200 sheets per hour.
- Speed consistency from the first page to the last, not influenced by color usage - same print speed for any color combination and any ink coverage.
- Increased production capacity.
- Drastically shortened delivery times.
- Enhanced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

Mainstream Production – Extremely Precise, Highly Flexible

The Landa S11 Nanographic Printing® Press is a proven B1 format digital press designed for mainstream folding-carton production, with unmatched quality, offset speeds, and the versatility of digital printing. It prints on any stock, from 40um to 800um thickness, enables in-line coating, and has an unmatched color gamut and color accuracy that covers 96% of the Pantone® range.

Integrating seamlessly into any digital or offset production floor, the Landa S11 Nanographic Printing® Press efficiently prints any job, digitally, with superior economics.

Supporting two additional modules, the Landa S11® 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
Print Speed	6,500 sheets-per-hour With 11K Module: 11,200 sheets-per-hour
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	14 x 20.4 in. (360 x 520 mm)
Max. Print Area	29 x 40.8 in. (736 x 1,036 mm)
Media Thickness	1.6 - 32 pt. (40-800 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)	67 ft. (20.42m)
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)	70.2 ft. (21.4 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 EN 1010-1:2004+A1:2010 EN 1010-2:2006+A1:2010 EN 60204-1:2018 RoHS III EU 2015/863 EMC: EN 55011:2009+A1:2010 EN 61000-6-2:2005+AC:2006 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

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