

# Landa S10

Nanographic  
Printing® Press



## Key Benefits

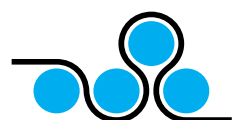
- Generates up to five times the throughput of other digital printing presses
- Offers plate-free digital printing for folding carton, boxes, and more
- Supports coated and uncoated off-the-shelf substrates
- Delivers high-speed and scalable printing from single copies to mainstream run-lengths
- Streamlines operations in any workflow environment

## Nanography®. Digital Printing for Mainstream Packaging Applications.

Engineered for the packaging and converting industries, the single-sided B1 (41 in. / 1,050 mm) format Landa S10 Nanographic Printing® Press enables mainstream packaging productivity with plate-free, offset print quality. The Landa S10 press prints 13,000 sheets per hour on off-the-shelf cartonboard in thickness from 2.4-32 pt. (60-800 µm). With a crossover point of around 5,000 B1 sheets, and even higher when ganging jobs or adding variable barcodes, the Landa S10 press provides a digital solution for more than 50% of all packaging jobs.

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Landa



# Specifications



<b>Description</b>	Sheetfed Nanographic Printing® press
<b>Segment(s)</b>	Folding Carton, POP/POS
<b>Print Speed</b>	6,500   13,000 SPH*
<b>Colors</b>	CMYK + OBG + Additional Color
<b>No. of Colors</b>	4-8
<b>Resolution</b>	1,200 dpi
<b>Screening</b>	AM, FM
<b>Max. Sheet Size</b>	29.5 x 41.3 in. (750 x 1,050 mm)
<b>Min. Sheet Size</b>	14 x 20.4 in. (360 x 520 mm)
<b>Max. Print Area</b>	28.7 x 40.6 in. (730 x 1,032 mm)
<b>Media Thickness</b>	2.4-32 pt. (60-800 µm)
<b>Pile Input / Output</b>	45.3 in. (1,150 mm)
<b>Press Length</b>	45.9 ft. (14.1 m)
<b>Press Length with Inline Coater + Dryers</b>	56.1 ft. (17.1m)
<b>Press Width</b>	15.7 ft. (4.8 m)
<b>Press Height</b>	7.9 ft. (2.4 m)
<b>Weight (Press Only)</b>	24.25 US tons (22 tonnes)
<b>Weight (Press + Coating Unit)</b>	35.3 US tons (32 tonnes)
<b>Total Length (Incl. Working Area + Cabinets)</b>	62.6 ft. (19.1 m)
<b>Total Width (Incl. Working Area + Cabinets)</b>	22.3 ft. (6.8 m)
<b>Total Height (Incl. Working Area + Cabinets)</b>	11.5 ft. (3.5 m)
<b>Supported Substrates</b>	All types of off-the-shelf carton board: virgin & recycled, two-side coated & one-side coated, metalized
<b>Coatings</b>	UV, aqueous
<b>Operator Interfaces</b>	Cockpit Touchscreen, Feeder Console, Landa Tablet
<b>Active Quality Management (Standard)</b>	<ul style="list-style-type: none"> <li>• Closed-loop quality control with automatic correction</li> <li>• 100% defect inspection</li> </ul>
<b>Color Matching</b>	Match: ISO standard 12647-2, Fogra, GRACoL <ul style="list-style-type: none"> <li>• CMYK covering 84% of Pantone® colors</li> <li>• CMYK + OBG covering 96% of Pantone® colors</li> </ul>
<b>Electronics &amp; Machinery Certifications</b>	CE Mark • Machinery Directive 2006/42/EC (including annex) • UL775 (or Field Inspection) • EN ISO 12100: 2010 • EN 60204-1: 2006+A1:2009 • EN 1010-1 :2004+A1:2010; EN 1010-2: 2006+A1:2010 • ISO 12643-1: 2009; ISO 12643-2: 2010
<b>Ink Certifications</b>	European framework regulation (1935/2004); European GMP regulation (2023/2006); European PIM regulation (10/2011) • FDA Packaging & Food Contact Substances (FCS) / FDA CFR 21 • Swiss ordinance 817.023.21 (Annex 6) • BfR Recommendations on Food Contact Materials (formerly "Plastics Recommendations") • Nestle guidance note on packaging inks <ul style="list-style-type: none"> <li>• Listing in appropriate inventories (national) – EINECS, TSCA, DSL etc. • Compliance with REACH, Calif. Prop. 65</li> </ul>
<b>DFE</b>	Landa DFE Standard / Performance / Premium
<b>Press Options</b>	Full range of options for workflow, Active Quality Management and press operation.

\*High-speed option

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