



an single pass printer for print onto variety of ready made materials

SG-1170 packaging printer



SG In Scandinavia AB

**SG-1170 industrial printing line
for overprinting ready-made products**

- Max. printing width - 297mm
- Speeds up to 27 meter per minute
- Object height up to 350 mm
- Superb photo-print quality
- Suitable for printing over paper bags, pizza boxes, seed papers, wooden plates, stone paper, napkins etc.

Multiple solutions made with single device

Made in Sweden the SG-1170 is industrial printer line which allows via just single pass through it to print onto variety of ready made materials. For now on it's our best-seller, fitted for professional production tasks. Having high output and efficiency, this machine offers customers an optimized, highly automated process. SG-1170 packaging printer is for those who, for example, want to print small/medium series of paper bags, pizza boxes, envelopes, seed papers, wooden plates, stone paper etc.

Robust print head for long use

The printer has a 55 cm wide transport belt with automatic feeder, as well as an innovative design with centile delivery to allow larger media to be fed under the print head. Print head can be electrically adjustable to go up and down, up to 350 mm above the belt for printing directly on paper/cardboard/wood or other thick materials. In machine is installed Postmark LP1170 print head of HP PageWide technology. It prints on every surface, which can hold pigmented ink and provides water resistance.

Various automated functions for easy use

The SG-1170 line includes various automated functions such as: printhead cleaning, capping, and height adjustment. It also features precise positioning of artworks, ensuring a smooth and efficient operation. It can be installed directly onto an existing production line for added convenience. Machine is equipped with a mobile bar that is adjustable to suit different needs. It is typically used in industrial environments and is designed to be integrated into existing equipment or production lines.

Improved print features

The intuitive user interface is designed to help users quickly become familiar with the printer and the detailed instruction manual provides step-by-step instructions for configuring and using the device. RIP software Maestro (*Xitron navigator*) and hardware are included to the production line, in order to get the best print quality. Our single pass printer provide improved print quality with sharp edges and vivid colors as well as increased productivity with faster print speeds and automated processes to reduce printing errors. SG-1170 consistent print quality that can be adjusted as needed. With the ability to print on different materials and in multiple colors, the single pass printer can help increase production speed and reduce delivery times. Test trials on single item to assure the final user/customer about the colorfulness and reaction onto the media's surface are wellcomed! It cost nothing to make it as time and money.

Quality through reliable components

The integration of reliable components is the basis of any quality machine, so the manufacturer - the Swedish company SG Scandinavia - has integrated into the SG-1170 printing line: stable structural elements, high-quality aluminum castings, as well as electronic parts delivered from trusted suppliers with quality guaranty. All this is done to provide long and heavy use. At SG Scandinavia, every machine, regardless of whether it is "complex" with built-in electronics or "simple" - containing only mechanical parts, meets European standards for reliability and long-term use. Behind all this is a long-standing constant pursuit of improvement and quality.

Technical parameters

Type of media for processing ¹	Bags, pizza boxes, envelopes, wooden plates, stone paper
Max. / Min. media size (W x L)	550 x 900 mm / 40 x 40 mm
Max. printing width	270 mm
Maximum productivity ²	Various
Speed, speed adjustment	18ips - 27m/min, built in, digital
Max. item' s height for printing	Up to 350 mm
Belt width / Media feeding	550 mm / Friction belt technology
Printhead type	HP PageWide technology FI 1000
Resolution / nozzle count	1200 nozzles per inch, per color / 59136 (4224 x14)
Ink type	Pigmented aqueous ink
Control screen	25,65 cm, Height Adjust, Cost Calculator Cleaning, Relay
Software Specifications	Ethernet, Windows, RIP Maestro (<i>Xitron Navigator</i>)
Voltage / Hz / Noise level	230 V / 50 Hz, 1100W / 49.7 dB
Machine dimensions (L x W x H)	3150 (5200 with external conveyor) x 117 x 2100 mm
Required working space (L x W)	2700 x 1500 mm
Weight	305 kg (netto) / 415 kg (brutto)

¹ Depends on media type. Density may be affected by room temperature. ² Production time depends on operator experience and operating settings. ³ Optional, not included as standard: infrared heaters, conveyor belt 1,2 metres, servise tray, high pile feeder, light system for better work.

