

Océ | Newspaper System 7000



Digital web-fed press for newspaper production

Superb imaging quality on genuine newsprint for short runs

Océ Newspaper System 7000, the world's fastest LED printing system for online digital newspaper production. Offering superb imaging quality on genuine newsprint, the Océ Newspaper System 7000 is ideal for short-run production.

The solution is based on the flexible Océ VarioStream® 7000 web-fed digital press and post-processing modules designed specifically for newspaper finishing. The line turns out up to 1,000 ready-finished 24-page newspapers per hour in 18.25" x 12.5" format.

Job changeovers on the fly

Printed on the recto and verso sides, various sections are gathered and folded leaving the production line as finished newspapers. Job changeovers are possible on the fly at full rated speed – with no run-in copies. Inserts and preprints can be added on the delivery belt.

Newsprint from 45 to 52 g/sqm

The common types of newsprint, Norske Skog, SCA Graphic and Stora Enso have all been tested and certified in the Océ paper laboratory.

The flexibility of the Océ VarioStream 7000 additionally allows printing on up to 160 g/sqm paper with equivalent speed and quality.

Multi-purpose functionality

The dynamic multi-purpose finishing powered by the VarioStream 7000 gives optimum equipment utilisation for additional publishing and transactional applications without compromise. The extremely efficient change-over time of just 20 minutes allows around-the-clock production facilitating a variety of applications.



Technical Data Océ Newspaper System 7000

Max. printing speed	1,000 Newspapers per hour in 18.25" x 12.5" page format, 24 pages each	Electrical	Weight
Connects to / Data format		Océ Newspaper System 7000	
<i>First channel to Océ PRISMA®+POD</i>	PostScript Level 2, PostScript 3, PDF, TIFE, PCL	<i>Control desk</i>	5 x 230 V +/-10%, 50 Hz, 16 A
Operating principle	Electrophotographic LED technology with 600 dpi print field resolution	<i>Unwinder UW4</i>	230 V +/-10%, 50 Hz, 16 A
Fusing method	Heat-pressure fusing	<i>VarioStream 7000 Twin</i>	2 x 400/230 V +/-10%, 50 Hz, 2 x (4 x 50 A)
Multi Resolution Mode	For data streams with 240, 300 dpi and 600 dpi	<i>Turn-bar</i>	230 V +/-10%, 50 Hz, 10 A
Paper	Single-layer continuous forms with or without feed hole margins, perforated, coloured or preprinted	<i>Dancer unit</i>	n.a.
<i>Forms width</i>	Max. 18.25" (463.5 mm)*	<i>WEKO</i>	230 V +/-10%, 50 Hz, 2.5 A
<i>Forms length</i>	Max. 28" (711.2 mm) in increments of 1/6", 54" forms length via Océ PRISMA+POD	<i>Cutter CS4</i>	230 V +/-10%, 540 kg
<i>Weight</i>	45-160 g/sqm Other paper weights on special request	<i>Collector 1</i>	400 V +/-10%, 50 Hz, 16 A
Manufacturer Brand Grammage Width in mm		<i>Folder 1</i>	400 V +/-10%, 50 Hz, 16 A
<i>Norske Skog</i>	Newsprint 48,8 g/sqm 463*	<i>Collector 2</i>	230 V +/-10%, 50 Hz, 2.0 A
<i>SCA Graphic</i>	Newsprint 49 g/sqm 463*	<i>Folder 2</i>	400 V +/-10%, 50 Hz, 16 A
<i>Stora Enso</i>	Newsprint 45 g/sqm 463*	<i>Conveyor belt</i>	230 V +/-10%, 10 A
Newspaper characteristics			Multiple variations possible for second output (e.g. stacking, folding, roll-to-roll). Can be specified on request.
<i>Collector 1/Folder 1</i>	2-12 sheets (dynamic)	Air pressure	
<i>Collector 2/Folder 2</i>	2-4 sections (dynamic)	<i>UW4</i>	5,5 bar 15 NL/min
	Max. number of printed pages	<i>Collector</i>	6 bar 30 NL/min
	96 (dynamic)	Environmental	<i>Rated range</i>
	Variation of above specification is possible	<i>Temperature</i>	15-30°C 10-32°C
Paper feed	Roll	<i>Rel. Humidity</i>	40-60% 40-80%
		<i>Lower abs. humidity</i>	2 g/sqm 1 g/sqm
		<i>Higher abs. humidity</i>	22 g/sqm 25 g/sqm
		Physical	
		<i>L-Configuration</i>	11 x 15 metres
		<i>Line Configuration</i>	5 x 21 metres

* Other formats on special request



Printing for Professionals

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