

ROLAND 900 XXL

PRINTING UNITS, DIMENSIONS AND DETAILS

Equipment	Format 7B	Format 8	Format 8 Convertible perfecting presses
Printing units	2-8	2-8	8/0, 4/4 other configuration on request
Sheet size			
Min. (mm/inch)	600 x 920/23.6 x 36.2	700 x 1,150/27.6 x 45.3	700 x 1,150/27.6 x 45.3
Max. (mm/inch)	1,210 x 1,620/47.2 x 63.8	1,310 x 1,870 / 51.6 x 73.6	1,310 x 1,870/51.6 x 73.6
Min. image area (mm/inch)			690 x 1,150/27.2 x 45.3***** 680 x 1,130/26.8 x 44.5*****
Max. image area (mm/inch)	1,190 x 1,620/46.9 x 63.8	1,290 x 1,850/50.8 x 72.8	1,290 x 1,850/50.8 x 72.8
Substrate thickness standard (mm/inch)	0.1-0.6/0.0039-0.0236	0.1-0.6/0.0039-0.0236	0.06-0.4/0.0024-0.0157***
Start of print (mm/inch)	75/3.0	50/2.0	50/2.0
Feeder pile height (mm/inch)	1,200/47.2	1,200/47.2	1,200/47.2
Delivery pile height (mm/inch)	1,190/46.9	1,190/46.9	1,190/46.9
Plate size (mm/inch)	1,325 x 1,630/52.2 x 64.2	1,380 x 1,860/54.3 x 73.2	1,380 x 1,860/54.3 x 73.2
Blanket size (mm/inch)*	1,329 x 1,660/52.3 x 65.4	1,439 x 1,890/56.7 x 74.4	1,439 x 1,890/56.7 x 74.4
Length**/width/height			
4 printing units (mm)	14,315 x 5,136 x 3,037	14,315 x 5,366 x 3,037	
4 printing units (inch)	563.6 x 202.2 x 119.6	563.6 x 211.3 x 119.6	
5 printing units (mm)	16,133 x 5,136 x 3,037	16,133 x 5,366 x 3,037	
5 printing units (inch)	635.2 x 202.2 x 119.6	635.2 x 211.3 x 119.6	
6 printing units (mm)	17,951 x 5,136 x 3,037	17,951 x 5,366 x 3,037	
6 printing units (inch)	706.7 x 202.2 x 119.6	706.7 x 211.3 x 119.6	
7 printing units (mm)	19,769 x 5,136 x 3,037	19,769 x 5,366 x 3,037	
7 printing units (inch)	778.3 x 202.2 x 119.6	778.3 x 211.3 x 119.6	
8 printing units (mm)	21,587 x 5,136 x 3,037	21,587 x 5,366 x 3,037	
8 printing units (inch)	849.9 x 202.2 x 119.6	849.9 x 211.3 x 119.6	
Net weight without feeder and delivery piles (kg)			
4 printing units	82,500	88,700	
5 printing units	100,800	108,400	
6 printing units	118,400	127,500	
7 printing units	136,000	146,600	
8 printing units	153,600	165,700	
Max. printing speed (sheets/h)	13,000	Straight mode 11,000 Optional 12,000	Straight mode 11,000 Perfecting mode 10,000

*Pre-bared blanket ** Plus optional coating module with extended delivery of 5,391 mm / 212.2 inch for formats 7, 7B and 8
*** Other substrate thickness in perfecting mode on request ***** In straight mode ***** In perfecting mode

Some of the functions described above are options and not standard equipment for the ROLAND 900 XXL. They can be combined to provide customer-specific configurations in accordance with the valid options price list. The ROLAND 900 XXL is subject to continuing development. Experience gained in practice and the results of research flow into product design. It is therefore in your interest that we reserve the right to make design and specification changes. Only the written confirmation of Order is binding. The contents of this document, in particular brand names, logos and texts, are the property of Manroland Sheetfed, unless otherwise identified, and are protected by law. Reproduction or utilization of this document as well as the communication of its content to others without explicit written authorization by Manroland Sheetfed is prohibited. A civil action will be brought against offenders.

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SPECIAL FORMATS

Equipment	7	7B plus
Sheet size		
Max. (mm)	1,120 x 1,620	1,260 x 1,620
Max. (inch)	44.1 x 63.8	49.6 x 63.8
Max. image area (mm)	1,110 x 1,620	1,250 x 1,620
Max. image area (inch)	43.7 x 63.8	49.2 x 63.8
Substrate thickness standard (mm)	0.1-0.6	0.1-0.6
Substrate thickness standard (inch)	0.0039-0.0236	0.0039-0.0236
Plate size (mm)	1,245 x 1,630	1,325 x 1,630
Plate size (inch)	49.0 x 64.2	52.2 x 64.2
Start of print (mm)	85	43
Start of print (inch)	3.4	1.7
Max. printing speed (sheets/h)	13,000	13,000

EQUIPMENT

Format	7	7B	7B plus	8	8 P (Perfector)
Printing units	2-8	2-8	2-8	2-8	8
Performance Package Commercial 0.04 mm - 0.60 mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> *****
Performance Package Cardboard 0.10 mm - 1.20 mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-
Performance Package Universal 0.04 mm - 1.20 mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-
Package for G-/F-flute corrugated board up to 1.2 mm/0.0472 inch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-
Automatic format adjustment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Automatic stock thickness adjustment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Parallel and diagonal adjustment of the frontlay bar from the control console	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PPL™ - automated plate change	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
APL™ - full-automated plate change	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SPL - Simultaneous Plate Loading system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Remote-controlled circumferential, lateral and diagonal register	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RCI remote inking control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Automatic inking unit separation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DualFlow inking unit	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
TripleFlow inking unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Remote adjustment of the oscillation start angle	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Plate inking rollers with adjustable oscillation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ROLAND Deltamatic damping units	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Automatic inking roller wash-up device	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Automatic blanket wash-up device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Automatic impression cylinder wash-up device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Enhanced plate, blanket and impression cylinder surfaces	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Format	7	7B	7B plus	8	8 P (Perfector)
Diagnostic system	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Manual Nonstop feeder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-
Automatic Nonstop feeder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	*****	-
Coating module with anilox roller, chambered doctor blade and roller gantry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-
Double coating module with two transfer modules	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-
QuickChange Surface - Ink fountain coating	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
QuickChange Coating system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-
ROLAND SelectDryer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-
ROLAND SelectInktempSystem	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LCS (Low Coverage Stabilization)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ColorPilot color control system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rollomat - Automatic Nonstop delivery	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-
ROLAND InlineSlitter - Cutting device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Special formats	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plinths (ca. 334/667/834 mm/13.1/26.3/32.8 inch high)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-
Process electronics system printnetwork®	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AUPASYS materials logistics system for feeder and delivery	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alcohol-free operation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alcohol-reduced operation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TelePresence	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ROLAND InlineObserver	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ROLAND InlineColorPilot color density control system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

■ = Standard □ = Option - = Not available *****On request *****Performance Package Commercial 0.06 mm - 0.40 mm as standard
This table contains a selection of important equipment items. Further information and special configurations on request.