

ROLAND 900

PRINTING UNITS, DIMENSIONS AND DETAILS

Equipment	Format 5B1	Format 6B1
Printing units	2-8	2-8
Sheet size		
Min. (mm/inch)	500 x 700/19.7 x 27.6	600 x 850/23.6 x 33.5
Max. (mm/inch)	940 x 1,300/37.0 x 51.2	1,020 x 1,420/40.2 x 55.9
Max. image area (mm/inch)	930 x 1,300/36.6 x 51.2	1,010 x 1,420/39.8 x 55.9
Substrate thickness standard (mm/inch)	0.1-0.6/0.0039-0.0236	0.1-0.6/0.0039-0.0236
Start of print (mm/inch)	60/2.4	72/2.8
Feeder pile height (mm/inch)	1,300/51.2	1,300/51.2
Delivery pile height (mm/inch)	1,300/51.2	1,300/51.2
Plate size (mm/inch)	1,050 x 1,310/41.3 x 51.6	1,145 x 1,430/45.1 x 56.3
Blanket size (mm/inch)*	1,109 x 1,340/43.7 x 52.8	1,164 x 1,460/45.8 x 57.5
Length/width/height		
4 printing units (mm)	12,341 x 4,610 x 2,609	12,341 x 4,730 x 2,609
4 printing units (inch)	485.9 x 181.5 x 102.7	485.9 x 186.2 x 102.7
5 printing units (mm)	13,931 x 4,610 x 2,609	13,931 x 4,730 x 2,609
5 printing units (inch)	548.5 x 181.5 x 102.7	548.5 x 186.2 x 102.7
6 printing units (mm)	15,521 x 4,610 x 2,609	15,521 x 4,730 x 2,609
6 printing units (inch)	611.1 x 181.5 x 102.7	611.1 x 186.2 x 102.7
7 printing units (mm)	17,112 x 4,610 x 2,609	17,112 x 4,730 x 2,609
7 printing units (inch)	673.7 x 181.5 x 102.7	673.7 x 186.2 x 102.7
8 printing units (mm)	18,702 x 4,610 x 2,609	18,702 x 4,730 x 2,609
8 printing units (inch)	736.3 x 181.5 x 102.7	736.3 x 186.2 x 102.7
Net weight without feeder and delivery piles (kg)		
4 printing units	65,250	68,950
5 printing units	79,350	83,850
6 printing units	93,050	98,350
7 printing units	106,750	112,850
8 printing units	120,450	127,350
Max. printing speed (sheets/h)	14,000	14,000 Optional 16,000

SPECIAL FORMATS

Equipment	5B2	6B2
Sheet size		
Max. (mm)	965 x 1,300	1,020 x 1,420
Max. (inch)	38.0 x 51.2	40.2 x 55.9
Max. image area (mm)	955 x 1,300	1,010 x 1,420
Max. image area (inch)	37.6 x 51.2	39.8 x 55.9
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)	1,095 x 1,310	1,165 x 1,430
Plate size (inch)	43.1 x 51.6	45.9 x 56.3
Start of print (mm)	72	85
Start of print (inch)	2.8	3.4
Max. printing speed (sheets/h)	14,000	14,000 Optional 16,000

* Pre-bared blanket

Some of the functions described above are options and not standard equipment for the ROLAND 900. They can be combined to provide customer-specific configurations in accordance with the valid options price list. The ROLAND 900 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. All rights are reserved in the event of the granting of patents, utility models or designs.

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EQUIPMENT

Format	5	6
Printing units	2-8	2-8
Function package cardboard for offset direct printing on G-/F-flute micro-corrugated board up to 1.2 mm/0.0472 inch thick	<input type="checkbox"/>	<input type="checkbox"/>
Performance Package Commercial 0.04 mm - 0.60 mm	<input type="checkbox"/>	<input type="checkbox"/>
Performance Package Cardboard 0.10 mm - 1.20 mm	<input type="checkbox"/>	<input type="checkbox"/>
Performance Package Universal 0.04 mm - 1.20 mm	<input type="checkbox"/>	<input type="checkbox"/>
Automatic format adjustment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Automatic stock thickness adjustment	<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"/>
Motorized adjustment of sheet arrival timing and diagonal sheet correction on the run	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PPL™ – automated plate change	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Remote-controlled circumferential, lateral and diagonal register	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RCl remote inking control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Automatic inking unit separation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DualFlow inking unit	<input type="checkbox"/>	<input type="checkbox"/>
Remote adjustment of the oscillation start angle	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Plate inking rollers with adjustable oscillation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ROLAND Deltamatic damping units	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Automatic inking roller wash-up device	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Automatic blanket washers	<input type="checkbox"/>	<input type="checkbox"/>
Automatic impression cylinder wash-up device	<input type="checkbox"/>	<input type="checkbox"/>
Enhanced plate, blanket and impression cylinder surfaces	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Diagnostic system	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Format	5	6
Non-stop feeder (manual)	<input type="checkbox"/>	<input type="checkbox"/>
Automatic non-stop feeder	<input type="checkbox"/>	<input type="checkbox"/>
Coating module with anilox roller, chambered doctor blade and roller gantry	<input type="checkbox"/>	<input type="checkbox"/>
Double coating module with two transfer modules	<input type="checkbox"/>	<input type="checkbox"/>
QuickChange Surface	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
QuickChange Coating system	<input type="checkbox"/>	<input type="checkbox"/>
QuickChange Clamp	<input type="checkbox"/>	<input type="checkbox"/>
ROLAND SelectDryer	<input type="checkbox"/>	<input type="checkbox"/>
ROLAND SelectInktempSystem	<input type="checkbox"/>	<input type="checkbox"/>
LCS (Low Coverage Stabilization)	<input type="checkbox"/>	<input type="checkbox"/>
InlineColorPilot color control system	<input type="checkbox"/>	<input type="checkbox"/>
Automatic non-stop delivery	<input type="checkbox"/>	<input type="checkbox"/>
ROLAND InlineSlitter in the delivery	<input type="checkbox"/>	<input type="checkbox"/>
Special formats	<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"/>
Process electronics system printnetwork	<input type="checkbox"/>	<input type="checkbox"/>
AUPASYS materials logistics system for feeder and delivery	<input type="checkbox"/>	<input type="checkbox"/>
Alcohol-free operation	<input type="checkbox"/>	<input type="checkbox"/>
Alcohol-reduced operation	<input type="checkbox"/>	<input type="checkbox"/>
TelePresence	<input type="checkbox"/>	<input type="checkbox"/>
ROLAND InlineInspector	<input type="checkbox"/>	<input type="checkbox"/>
ROLAND InlineObserver	<input type="checkbox"/>	<input type="checkbox"/>

■ = Standard □ = Option This table contains a selection of important equipment items. Further information and special configurations on request.