

PRINTING UNITS, DIMENSIONS AND DETAILS

ROLAND 900		
Equipment	Format 5	Format 6
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)	890 x 1,260/35.0 x 49.6	1,000 x 1,400/39.4 x 55.1
Max. image area (mm/inch)	880 x 1,260/34.6 x 49.6	990 x 1,400/39.0 x 55.1
Start of print (mm/inch)	85/3.4	85/3.4
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)	1,035 x 1,270/40.7 x 50.0	1,140 x 1,410/44.9 x 55.5
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

* Pre-bared blanket ** Plus optional coating module with extended delivery of 4,067 mm/160.1 inch for formats 5-6

Special formats

ROLAND 900				
Equipment	5B 1	5B 2	6B 1	6B 2
Sheet size				
Max. (mm)	940 x 1,300	965 x 1,300	1,020 x 1,420	1,020 x 1,420
Max. (inch)	37.0 x 51.2	38.0 x 51.2	40.2 x 55.9	40.2 x 55.9
Max. image area (mm)	930 x 1,300	955 x 1,300	1,010 x 1,420	1,010 x 1,420
Max. image area (inch)	36.6 x 51.2	37.6 x 51.2	39.8 x 55.9	39.8 x 55.9
Plate size (mm)	1,050 x 1,310	1,095 x 1,310	1,145 x 1,430	1,165 x 1,430
Plate size (inch)	41.3 x 51.6	43.1 x 51.6	45.1 x 56.3	45.9 x 56.3
Start of print (mm)	60	72	72	85
Start of print (inch)	2.4	2.8	2.8	3.4
Max. printing speed (sheets/h)	14,000	14,000	14,000	14,000



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If you have an Internet-capable mobile phone with a camera function, you can get further and updated information via UpCode. Use the browser of your mobile phone to go to www.upcode.fi from where you can install UpCode. Once you have installed the program aim your camera at the UpCode shown here and photograph it, or alternatively you can tap in the number series below the code. UpCode usage is free of charge; all you need to pay are the connection charges of your mobile phone services provider. You can get further information about UpCode via the code shown here or from upcode@manroland.com

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	-	□
ROLAND InlineSheeter	-	□
Automatic format adjustment	■	■
Automatic stock thickness adjustment	■	■
Parallel and diagonal adjustment of the frontlay bar from the control console	■	■
Motorized adjustment of sheet arrival timing and diagonal sheet correction on the run	■	■
PPL™ – automated plate change	■	■
Remote-controlled circumferential, lateral and diagonal register	■	■
RCl remote inking control	■	■
Automatic inking unit separation	■	■
Remote adjustment of the oscillation start angle	■	■
Plate inking rollers with adjustable oscillation	■	■
ROLAND Deltamatic damping units	■	■
Automatic inking roller wash-up device	■	■
Automatic blanket washers	■	■
Automatic impression cylinder wash-up device	□	□
Enhanced plate, blanket and impression cylinder surfaces	■	■
Diagnostic system	■	■
Non-stop feeder (manual)	□	□
Automatic non-stop feeder	□	□
Coating module with anilox roller, chambered doctor blade and roller gantry	□	□
Double coating module with two transfer modules	□	□
QuickChange Surface	■	■
QuickChange Coating system	□	□
ROLAND SelectDryer	□	□
ROLAND InlineBackprinter	-	□
ROLAND SelectInktempSystem	□	□
LCS (Low Coverage Stabilization)	□	□
ColorPilot color control system	□	□
Automatic non-stop delivery	□	□
ROLAND InlineSlitter in the delivery	□	□
Special formats	□	□
Plinths (ca. 334/667/834 mm/13.1/26.3/32.8 inch high)	□	□
Process electronics system printnet®	□	□
AUPASYS materials logistics system for feeder and delivery	□	□
Alcohol-free operation	□	□
Alcohol-reduced operation	□	□
TelePresence	□	□
ROLAND InlineInspector	□	□
ROLAND InlineObserver	□	□

■ = Standard □ = Option - = Not available

This table contains a selection of important equipment items. Further information and special configurations on request.

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, 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 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.