

ROLAND 50

PRINTING UNITS, DIMENSIONS AND DETAILS

Printing units	2	4	5	6
Max. printing speed (sheets/h)	13,000	13,000	13,000	13,000
Sheet size (mm/inch)				
Min.	148 x 180/5.8 x 7.1	148 x 180/5.8 x 7.1	148 x 180/5.8 x 7.1	148 x 180/5.8 x 7.1
Max.	360 x 520/14.2 x 20.5	360 x 520/14.2 x 20.5	360 x 520/14.2 x 20.5	360 x 520/14.2 x 20.5
Max. option	380 x 530/15.0 x 20.9	380 x 530/15.0 x 20.9	380 x 530/15.0 x 20.9	380 x 530/15.0 x 20.9
Image area (mm/inch)				
Max.	350 x 515/13.8 x 20.3	350 x 515/13.8 x 20.3	350 x 515/13.8 x 20.3	350 x 515/13.8 x 20.3
Max. option	370 x 525/14.6 x 20.7	370 x 525/14.6 x 20.7	370 x 525/14.6 x 20.7	370 x 525/14.6 x 20.7
Stock thickness				
(mm)	0.04 - 0.8	0.04 - 0.8	0.04 - 0.8	0.04 - 0.8
(inch)	0.0016 - 0.0315	0.0016 - 0.0315	0.0016 - 0.0315	0.0016 - 0.0315
Feeder pile height, including pallette (mm/inch)	1,250/49.2	1,250/49.2	1,250/49.2	1,250/49.2
Feeder pile weight (kg)	360	360	360	360
Delivery pile height, including pallette (mm/inch)	800/31.5	800/31.5	800/31.5	800/31.5
Delivery pile weight (kg)	145	145	145	145
Press dimensions (mm/inch)				
Length	3,662/144.17	5,416/213.23	6,293/247.76	7,170/282.28
Width	2,710/106.7	2,710/106.7	2,710/106.7	2,710/106.7
Height	2,026/ 79.8	2,026/ 79.8	2,026/ 79.8	2,026/ 79.8
Weight (kg)	7,700	13,700	16,700	19,700
Noise emissions (sound pressure level¹ in dB(A))				
At the main workplaces:	< 84			
Low emission-certified version:	< 82			

¹The sound power levels are configuration-dependent.

ROLAND 50 with printcom Stenz Feeder for printing envelopes

Printing units	2	4	5	6
Envelope format (mm/inch)				
Min.	148 x 180/5.8 x 7	148 x 180/5.8 x 7	148 x 180/5.8 x 7	148 x 180/5.8 x 7
Max.	360 x 520/14.2 x 20.5	360 x 520/14.2 x 20.5	360 x 520/14.2 x 20.5	360 x 520/14.2 x 20.5
Envelope feeder dimensions (mm/inch)				
Length	1,150/45.3	1,150/45.3	1,150/45.3	1,150/45.3
Width	500/19.7	500/19.7	500/19.7	500/19.7
Height	900-1,160/35.4 - 45.7 (variable)	900-1,160/35.4 - 45.7 (variable)	900-1,160/35.4 - 45.7 (variable)	900-1,160/35.4 - 45.7 (variable)

EQUIPMENT

Printing units	2	4	5	6
Flat sheet travel (double-size printing cylinders and transferers)	■	■	■	■
Printing with bearer ring contact	■	■	■	■
Premium coated plate, blanket and printing cylinder surfaces	■	■	■	■
Central press control via PressPilot	■	■	■	■
Suction feedboard with sheet slowdown	■	■	■	■
Manual format adjustment in feeder and delivery	■	■	■	■
Automatic substrate thickness adjustment in feeder and delivery	■	■	■	■
Control console-driven register adjustment (circumferential, lateral, diagonal)	■	■	■	■
Control console-driven ink zone adjustment	■	■	■	■
Manual inking roller washing device	■	■	■	■
Automatic inking roller washing device	□	□	□	□
Blanket washing device with indirect printing cylinder wash-up	□	□	□	□
QuickChange Surface, special ink fountain coating for faster ink change	■	■	■	■
EPL™, automated plate change printing couple	■	■	■	■
Split rear plate clamp	■	■	■	■
Electromechanical double-sheet control	■	■	■	■
Electronic double-sheet control	□	□	□	□
Separate color-matching console	□	□	□	□
ColorPilot smart, color measuring and control device	□	□	□	□
printnetwork	□	□	□	□
ROLAND SelectAntistatic, ionization system for feeder and delivery	□	□	□	□
Pre-stacking device	□	□	□	□
TelePresence, Remote Diagnosis	□	□	□	□
Cardboard equipment	■	■	■	■

■ = Standard □ = Option

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 50. They can be combined to provide customer-specific configurations in accordance with the valid options price list. The ROLAND 50 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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