

## PRINTING UNITS, DIMENSIONS AND DETAILS

ROLAND 700 HiPrint				
Equipment	Basic version	1 coating module incl. extended delivery	2 coating modules incl. extended delivery	Convertible perfecting presses
Printing units	2-10	2-11	2-12	2-12
Sheet size				
Min. (mm/inch)	340 x 480/13.4 x 18.9	340 x 480/13.4 x 18.9	340 x 480/13.4 x 18.9	340 x 480/13.4 x 18.9
Max. (mm/inch)	740 x 1,040/29.1 x 40.9	740 x 1,040/29.1 x 40.9	740 x 1,040/29.1 x 40.9	720 x 1,040*/28.4 x 40.9*
Max. Option (mm/inch)	780 x 1,050/30.7 x 41.34	780 x 1,050/30.7 x 41.34	780 x 1,050/30.7 x 41.34	
Max. image area (mm/inch)	715 x 1,020/28.2 x 40.2	715 x 1,020/28.2 x 40.2	715 x 1,020/28.2 x 40.2	700 x 1,020*/27.6 x 40.2*
Max. image area (mm/inch) Option	770 x 1,030/30.3 x 40.5	770 x 1,030/30.3 x 40.5	770 x 1,030/30.3 x 40.5	
Stock thickness (mm) standard	0.04-1.00***	0.04-1.00***	0.04-1.00***	0.06-0.60**
Stock thickness (inch) standard	0.0016-0.039***	0.0016-0.039***	0.0016-0.039***	0.0024-0.0236**
				0.06-0.40*
				0.0024-0.0157*
				Option 0.10-0.50*
				Option 0.0039-0.0197*
				or 0.20-0.60*
				or 0.0079-0.0236*
Feeder pile height (mm/inch)	1,180/46.5	1,180/46.5	1,180/46.5	1,180/46.5
Delivery pile height (mm/inch)	1,080/42.5	1,080/42.5	1,080/42.5	1,080/42.5
<b>Length/width/height</b>				
2 printing units (mm)	8,136 x 3,612 x 2,140	11,145 x 3,612 x 2,140	14,685 x 3,612 x 2,140	8,136 x 3,612 x 2,140
2 printing units (inch)	320.3 x 142.2 x 84.25	438.8 x 142.2 x 84.25	578.2 x 142.2 x 84.25	320.3 x 142.2 x 84.25
4 printing units (mm)	10,496 x 3,612 x 2,140	13,505 x 3,612 x 2,140	17,045 x 3,612 x 2,140	10,496 x 3,612 x 2,140
4 printing units (inch)	413.2 x 142.2 x 84.25	531.7 x 142.2 x 84.25	671.1 x 142.2 x 84.25	413.2 x 142.2 x 84.25
5 printing units (mm)	11,676 x 3,612 x 2,140	14,685 x 3,612 x 2,140	18,225 x 3,612 x 2,140	11,676 x 3,612 x 2,140
5 printing units (inch)	459.7 x 142.2 x 84.25	572.2 x 142.2 x 84.25	717.5 x 142.2 x 84.25	459.7 x 142.2 x 84.25
6 printing units (mm)	12,856 x 3,612 x 2,140	15,865 x 3,612 x 2,140	19,405 x 3,612 x 2,140	12,856 x 3,612 x 2,140
6 printing units (inch)	506.1 x 142.2 x 84.25	624.6 x 142.2 x 84.25	764.0 x 142.2 x 84.25	506.1 x 142.2 x 84.25
7 printing units (mm)	14,036 x 3,612 x 2,140	17,045 x 3,612 x 2,140	20,585 x 3,612 x 2,140	14,036 x 3,612 x 2,140
7 printing units (inch)	552.6 x 142.2 x 84.25	671.1 x 142.2 x 84.25	810.4 x 142.2 x 84.25	552.6 x 142.2 x 84.25
8 printing units (mm)	15,216 x 3,612 x 2,140	18,225 x 3,612 x 2,140	21,765 x 3,612 x 2,140	15,216 x 3,612 x 2,140
8 printing units (inch)	599.1 x 142.2 x 84.25	717.5 x 142.2 x 84.25	856.9 x 142.2 x 84.25	599.1 x 142.2 x 84.25
9 printing units (mm)	16,396 x 3,612 x 2,140	19,405 x 3,612 x 2,140	22,945 x 3,612 x 2,140	16,396 x 3,612 x 2,140
9 printing units (inch)	645.5 x 142.2 x 84.25	764.0 x 142.2 x 84.25	903.4 x 142.2 x 84.25	645.5 x 142.2 x 84.25
10 printing units (mm)	17,576 x 3,612 x 2,140	20,585 x 3,612 x 2,140	24,125 x 3,612 x 2,140	17,576 x 3,612 x 2,140
10 printing units (inch)	692.0 x 142.2 x 84.25	810.4 x 142.2 x 84.25	949.8 x 142.2 x 84.25	692.0 x 142.2 x 84.25
11 printing units (mm)	18,756 x 3,612 x 2,140	21,765 x 3,612 x 2,140	-	18,756 x 3,612 x 2,140
11 printing units (inch)	738.5 x 142.2 x 84.25	856.9 x 142.2 x 84.25	-	738.4 x 142.2 x 84.25
12 printing units (mm)	19,936 x 3,612 x 2,140	-	-	19,936 x 3,612 x 2,140
12 printing units (inch)	784.9 x 142.2 x 84.25	-	-	784.8 x 142.2 x 84.25
<b>Max. printing speed, sheets/h (depending on inks, coatings and substrates used)</b>				
In straight printing mode	16,000 (Option 17,000) for up to 9 printing units****	16,000 (Option 17,000) for up to 8 printing units****	16,000 (Option 17,000) for up to 7 printing units****	16,000 for up to 9 printing units****
In perfecting mode	12,000 (Option 13,200)	12,000 (Option 13,200)	12,000 (Option 13,200)	12,000 (Option 13,200)

\* In perfecting mode \*\* In straight printing mode \*\*\* Depending on options package \*\*\*\* With more printing units speed is lower

Some of the functions described above are options and not standard equipment for the ROLAND 700 HiPrint. They can be combined to provide customer-specific configurations in accordance with the valid options price list. The ROLAND 700 HiPrint 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.



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](http://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](mailto:upcode@manroland.com)

# EQUIPMENT

Printing units	2	4	5	6	7	8	9	10	11	12
Suction feedboard with sheet slow-down	■	■	■	■	■	■	■	■	■	■
Automatic format adjustment	■	■	■	■	■	■	■	■	■	■
Automatic substrate thickness adjustment	■	■	■	■	■	■	■	■	■	■
Remote-controlled circumferential, lateral and diagonal register	■	■	■	■	■	■	■	■	■	■
Remote color control	■	■	■	■	■	■	■	■	■	■
Automatic inking train separation	■	■	■	■	■	■	■	■	■	■
Central adjustment of plate inking roller oscillation	■	■	■	■	■	■	■	■	■	■
Speed-compensated inking and damping units	■	■	■	■	■	■	■	■	■	■
Ceramic-clad water fountain rollers	■	■	■	■	■	■	■	■	■	■
Automatic inking roller wash-up device	■	■	■	■	■	■	■	■	■	■
Automatic blanket washers	■	■	■	■	■	■	■	■	■	■
PPL™ – automated plate changing	■	■	■	■	■	■	■	■	■	■
Rear plate clamp divided into 7 segments	■	■	■	■	■	■	■	■	■	■
Visually controllable sheet travel in the AirGlide delivery	■	■	■	■	■	■	■	■	■	■
Enhanced plate, blanket and impression cylinder surfaces	■	■	■	■	■	■	■	■	■	■
Printing with or without bearer ring contact	■	■	■	■	■	■	■	■	■	■
ROLAND InlineSheeter	□	□	□	□	□	□	□	□	□	□
ROLAND InlineObserver	□	□	□	□	□	□	□	□	□	□
ROLAND InlineInspector	□	□	□	□	□	□	□	□	□	□
ROLAND InlineSorter	□	□	□	□	□	□	□	□	□	□
ROLAND InlineFoiler Prindor	□	□	□	□	□	□	□	□	□	□
ROLAND InlineCoater smart	□	□	□	□	□	□	□	□	□	□
QuickChange Job, automatic function sequence	□	□	□	□	□	□	□	□	□	□
QuickChange Job, automatic Transferter gripper adjustment	□	□	□	□	□	□	□	□	□	□
QuickChange Air	□	□	□	□	□	□	□	□	□	□
QuickChange Wash	□	□	□	□	□	□	□	□	□	□
QuickChange Color	□	□	□	□	□	□	□	□	□	□
QuickChange Clamp	□	□	□	□	□	□	□	□	□	-
QuickChange Coating	□	□	□	□	□	□	□	□	□	-
QuickChange Surface	■	■	■	■	■	■	■	■	■	■
Remote adjustment of the oscillation stroke timing	□	□	□	□	□	□	□	□	□	□
Super Format 3B plus	□	□	□	□	□	□	□	□	□	□
Disengageable inking and damping units	□	□	□	□	□	□	□	□	□	□
Non-stop equipment for feeder and delivery	□	□	□	□	□	□	□	□	□	□
APL™ – fully-automated plate changing	□	□	□	□	□	□	□	□	□	□
ColorPilot color control system	□	□	□	□	□	□	□	□	□	□
Inking unit temperature control	□	□	□	□	□	□	□	□	□	□
Sheet turning system	□	□	□	□	□	□	□	□	□	□
Automatic impression cylinder wash-up device	□	□	□	□	□	□	□	□	□	□
Coating module with anilox roller and chambered doctor blade	□	□	□	□	□	□	□	□	□	-
Double coating module with anilox roller, chambered doctor blade and transfer modules	□	□	□	□	□	□	□	□	-	-
Plinth (275 mm or 550 mm/10.8 inch or 21.6 high)	□	□	□	□	□	□	□	□	□	□
printnet networking	□	□	□	□	□	□	□	□	□	□
Different dryer versions	□	□	□	□	□	□	□	□	□	□
TelePresence with Maintenance Manager	□	□	□	□	□	□	□	□	□	□

■ = Standard □ = Option

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