

## PRINTING UNITS, DIMENSIONS AND DETAILS

ROLAND 700 DirectDrive				
Equipment	Basic version	1 coating module incl. extended delivery	2 coating modules incl. extended delivery	Convertible perfecting presses
Printing units	6-10	6-11	6-10	6-12
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. 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*
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 carton equipment)
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>				
6 printing units (mm)	12,893 x 3,602 x 2,137	15,901 x 3,602 x 2,137	19,441 x 3,602 x 2,137	12,893 x 3,602 x 2,137
6 printing units (inch)	507.6 x 141.8 x 84.13	626.0 x 141.8 x 84.13	765.4 x 141.8 x 84.13	507.6 x 141.8 x 84.13
7 printing units (mm)	14,073 x 3,602 x 2,137	17,081 x 3,602 x 2,137	20,621 x 3,602 x 2,137	14,073 x 3,602 x 2,137
7 printing units (inch)	554.1 x 141.8 x 84.13	672.5 x 141.8 x 84.13	811.8 x 141.8 x 84.13	554.1 x 141.8 x 84.13
8 printing units (mm)	15,253 x 3,602 x 2,137	18,261 x 3,602 x 2,137	21,801 x 3,602 x 2,137	15,253 x 3,602 x 2,137
8 printing units (inch)	600.1 x 141.8 x 84.13	718.9 x 141.8 x 84.13	858.3 x 141.8 x 84.13	600.1 x 141.8 x 84.13
9 printing units (mm)	16,433 x 3,602 x 2,137	19,441 x 3,602 x 2,137	22,981 x 3,602 x 2,137	16,433 x 3,602 x 2,137
9 printing units (inch)	646.1 x 141.8 x 84.13	765.4 x 141.8 x 84.13	904.8 x 141.8 x 84.13	646.1 x 141.8 x 84.13
10 printing units (mm)	17,613 x 3,602 x 2,137	20,621 x 3,602 x 2,137	24,161 x 3,602 x 2,137	17,613 x 3,602 x 2,137
10 printing units (inch)	693.4 x 141.8 x 84.13	811.8 x 141.8 x 84.13	951.2 x 141.8 x 84.13	693.4 x 141.8 x 84.13
11 printing units (mm)	18,793 x 3,602 x 2,137	21,801 x 3,602 x 2,137	-	18,793 x 3,602 x 2,137
11 printing units (inch)	739.9 x 141.8 x 84.13	858.3 x 141.8 x 84.13	-	739.9 x 141.8 x 84.13
12 printing units (mm)	19,973 x 3,602 x 2,137	-	-	19,973 x 3,602 x 2,137
12 printing units (inch)	786.3 x 141.8 x 84.13	-	-	786.3 x 141.8 x 84.13
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, and configurations)</b>				
In straight printing mode	16,000 for up to 9 printing units****	16,000 for up to 8 printing units****	16,000 for up to 7 printing units****	16,000 for up to 9 printing units****
In perfecting mode	-	13,000 for up to 10 printing units****	13,000 for up to 9 printing units****	13,000 for up to 11 printing units****

\* 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 DirectDrive. They can be combined to provide customer-specific configurations in accordance with the valid options price list. The ROLAND 700 DirectDrive 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.



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# EQUIPMENT

Printing units	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	■	■	■	■	■	■	■
APL™ fully-automated plate changing	■	■	■	■	■	■	■
ROLAND DirectDrive	■	■	■	■	■	■	■
Rear plate clamp divided into 7 segments	■	■	■	■	■	■	■
Visually controllable sheet travel in the AirGlide delivery	■	■	■	■	■	■	■
Enhanced plate, blanket and impression cylinder surfaces	■	■	■	■	■	■	■
ROLAND InlineSheeter	□	□	□	□	□	□	□
ROLAND InlineObserver	□	□	□	□	□	□	□
ROLAND InlineInspector	□	□	□	□	□	□	□
ROLAND InlineSorter	□	□	□	□	□	□	□
QuickChange Job, automatic function sequence	■	■	■	■	■	■	■
QuickChange Job, automatic transferter gripper adjustment	□	□	□	□	□	□	□
QuickChange Air	■	■	■	■	■	■	■
QuickChange Wash	■	■	■	■	■	■	■
QuickChange Color	□	□	□	□	□	□	□
QuickChange Clamp (for LV and LTTLV presses)	■	■	■	■	■	■	■
QuickChange Coating	□	□	□	□	□	□	□
QuickChange Surface	■	■	■	■	■	■	■
Remote adjustment of the oscillation stroke timing	■	■	■	■	■	■	■
Disengageable inking and damping units	■	■	■	■	■	■	■
Non-stop equipment for feeder and delivery	□	□	□	□	□	□	□
ColorPilot color control system	□	□	□	□	□	□	□
Inking unit temperature control	□	□	□	□	□	□	□
Sheet turning system	□	□	□	□	□	□	□
OptiPrint-Jackets for impression cylinders after the sheet is turned	□	□	□	□	□	□	□
Automatic impression cylinder wash-up device*	■	■	■	■	■	■	■
Powder and odor extraction	□	□	□	□	□	□	□
Coating module with anilox roller and chambered doctor blade	□	□	□	□	□	□	-
Double coating module with anilox roller, chambered doctor blade and transfer modules	□	□	□	□	□	-	-
Plinth (334 mm, 667 mm or 834 mm/13.15 inch, 26.26 inch or 32.83 inch high)	□	□	□	□	□	□	□
printnet networking	□	□	□	□	□	□	□
Different dryer versions	□	□	□	□	□	□	□
TelePresence with MaintenanceManager	■	■	■	■	■	■	■

■ = Standard □ = Option

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

\* Depends on configuration