Roland

Next Generation Printers
FOR THE
Next Generation of print

CHOOSE THE BEST AND GO FURTHER

VersaOBJECT

MO-240
Benchtop UV Flatbed

Direct-to-Object
Printing at its Finest

| HIGH-SPEED **PRODUCTIVITY** | HIGH-DEFINITION **OUTPUT** | **ULTIMATE VERSATILITY** |

Additional Features

+ Included VersaWorks 6 RIP—featuring new True Rich Color 3 preset, Nearest Colour Finder, and Variable Data Printing function.

+ Roland DG Connect App ready—giving you instant access to important data about print jobs as well as your business.

+ A variety of available ink configurations expand your capabilities to include rich colours and interesting spot UV effects.

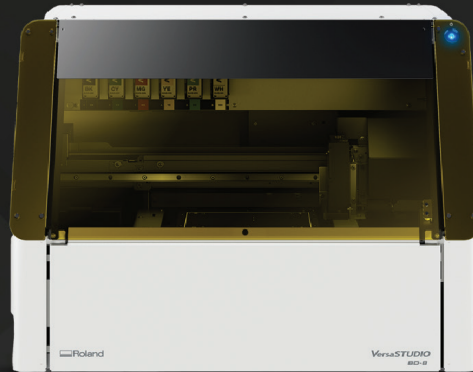+ A user-friendly 7" touch screen displays all relevant information making print set-up intuitive and fast.

Technical Specifications		MO-240
Dimension		1,601 mm × 1,267 mm × 760 mm (63.1 in. × 49.9 in. × 30.0 in.)
Attachable objects to be printed on	Width	Max. 640 mm (25.1 in.)
	Length	Max. 488 mm (19.2 in.)
	Thickness	Max. 204 mm (8 in.)
	Weight	Max. 8 kg (17.6 lb.) (When using a vacuum table: max. 4 kg [8.8 lb.])
Printing width/printing length (width x length)		Max. 610 mm × 458 mm (24 in. × 18 in.)
Ink	Inks	Eight Colours (Cyan, Magenta, Yellow, Black, Orange, Red, White, Gloss) and, Primer
	Type	ECO-UV (EUV5P) 750 ml pouch
	Configurations	CMYKGlWhReOr, CMYKWhReOrPr, CMYKGlWhRePr CMYKWhWhReOr, CMYKGlWhWhPr, CMYKGlGlWhWh
Print speed		22.28 ft2/hr
Control panel		7 in. touchscreen display
Resolution		Max. 1,200 dpi
RIP (included)		VersaWorks

VersaSTUDIO
BD-8
Desktop UV Flatbed Printer

The Little Printer
Made For Big Ideas

PROFESSIONAL CUSTOMISATION

STARTER PRICE

EASY TO USE

Technical Specifications		BD-8
Printing method		Piezo ink-jet method
Dimensions		768 mm × 586 mm × 580 mm (30.3 in. × 23.1 in. × 22.9 in.)
Weight		61 kg (134.5 lb.)
Maximum objects to be printed on	Width	Max. 240 mm (9.4 in.)
	Length	Max. 178 mm (7 in.)
	Thickness	Max. 102 mm (4 in.)
	Weight	Max. 3 kg (6.6 lb.)
Maximum printing width/printing length		Max. 210 mm × 148 mm (8.2 in. × 5.8 in.)
Ink	Type	ECO-UV (EUV5) 220 ml cartridges
	Colours	Five colours (cyan, magenta, yellow, black, and white) plus primer
Ink-curing unit		Built-in UV-LED lamp
Printing resolution (dots per inch)		Max. 1,440 dpi
Connectivity		Ethernet (100BASE-TX/1000BASE-T, automatic switching)
Power-saving function		Automatic sleep feature
Rated input		100–240 VAC 50/60 Hz 1.1 A
Power consumption	During operation	Approx. 90 W
	Sleep mode	Approx. 30 W
Acoustic noise level	During operation	59 dB (A) or less
	During standby	52 dB (A) or less
Environment	During operation	Temperature: 20°C to 32°C (68°F to 89.6°F) (22°C [71.6°F] or higher recommended) Humidity: 35% RH to 80% RH (no condensation)
	During standby	Temperature: 5°C to 40°C (41°F to 104°F) Humidity: 20% RH to 80% RH (no condensation)
Included items		Power cord, cleaning liquid, user's manual, software (FlexiDESIGNER VersaSTUDIO Edition, VersaWorks, Roland DG Connect), etc.

VersaSTUDIO
BY-20
Desktop Direct-to-Film Printer

A Fresh Way to
Make an Impact

PROFESSIONAL QUALITY

EASY TO USE

COMPACT & AFFORDABLE

Additional Features

+ The BY-20's design lets you perform every operation, from media setup and ink loading to maintenance, at the front of the device, allowing for a streamlined workflow and easy printer placement.

+ The BY-20 features an integrated contour cutter, so in addition to its DTF printing capabilities, it can also be used to create heat transfer graphics.

Technical Specifications		VersaSTUDIO BY-20
Printing method		Piezo ink-jet method
Dimensions		1,069 x 617 x 622 mm (42.1 x 24.3 x 24.5 in.)
Weight		62 kg (137 lb.)
Media	Width	150 to 515 mm (5.91 to 20.2 in.)
	Thickness	Max. 1.0 mm (39.3 mil) with liner, for printing Max 0.4 mm (15.7 mil) with liner and 0.22 mm (8.6 mil) without liner, for cutting
	Roll outer diameter	Max. 150 mm (5.9 in.)
	Roll weight	Max. 6 kg (13.2 lb.)
	Core diameter	76.2 mm (3 in.) or 50.8 mm (2 in.)
Printing/cutting width		Max. 480 mm (18.89 in.)
Ink	Type	S-PG inks in 220 ml cartridges
	Colours	Cyan, Magenta, Yellow, Black, White
Resolution		Max. 1,440 dpi
Cutting speed		10 to 150 mm/s (0.39 to 5.9 in/s)
Connectivity		Ethernet (100BASE-TX/1000BASE-T, automatic switching)
Power-saving function		Automatic sleep feature
Rated input		100-240 Va.c. 50/60 Hz 2.1 A
Included items		Power cord, media take-up unit, media holders, replacement blade for separating knife, User's Manual, software (FlexiDESIGNER VersaSTUDIO Edition, VersaWorks, Roland DG Connect), etc.

VersaSTUDIO
BN-20A
Compact and affordable printer/cutters

Your business starts here
Choose the best and go further

PRINTER / CUTTER   **HIGH QUALITY GRAPHICS**   **HEAT TRANSFER GARMENTS**

Start your business the way you mean to continue: with the most reliable and flexible equipment available. The BN-20 and BN-20A desktop printer/cutters give you all you need to produce high-quality print and cut output from stickers and labels to heat transfer garments.

GREAT RETURN ON INVESTMENT	FAST AND SIMPLE INSTALLATION	VersaWorks POWERFUL SOFTWARE INCLUDED	VERSATILE INK CONFIGURATIONS *BN-20 only

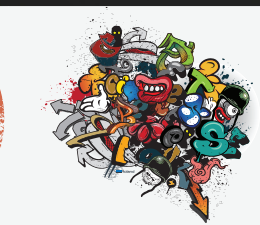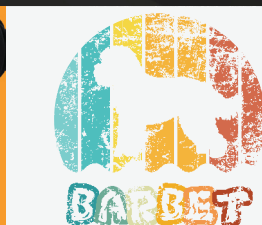| Technical Specifications		VersaSTUDIO BN-20A
Printing method / Cutting method		Piezoelectric inkjet / Grit roller feed
Acceptable media	Width/thickness	150 to 515 mm (5.9" to 20.3") / Maximum 0.4 mm with liner and 0.22 mm without liner
	Media roll weight	Max. weight 6 kg (13.2 lbs)
	Roll/core diameter	Max. outer diameter 150 mm (5.9") / Core diameter: 50.8 mm (2") or 76.2 mm (3")
Printing / Cutting width		Maximum 480 mm (18.9")
Ink cartridges	Type & capacity	ECO-SOL MAX3, 220 cc cartridges
	Colours	4 colours (Cyan, Magenta, Yellow, Black)
Cutting speed / Blade force		10 mm/s (0.4 in./s) to 150 mm/s (5.9 in/s) / 30 to 300gf
Connectivity		USB 2.0
Printing resolution		Maximum 1440 dpi
Power-saving function		Automatic sleep feature
Power supply		AC 100 to 240±10 %, 1.0 A, 50/60 Hz
Dimensions / Weight		(W) 1009 mm x (D) 582 mm x (H) 293 mm (39.7 x 22.9" x 11.5"), 36 kg (79.4 lb.)
Included items		Roland VersaWorks 6 RIP Software, power cable, USB cable, blade, blade holder, User's Manual.

VersaSTUDIO
BN-20 D
Desktop Inkjet Printer/cutter

A Complete Direct-To-Film
Solution You Can Rely On

HIGH QUALITY IMAGE REPRODUCTION

AFFORDABLE, EASY-TO-USE SOLUTION

UNSURPASSED RELIABILITY

Technical Specifications		BN-20D
Printing method		Piezoelectric inkjet / Grit roller feed
Acceptable media	Width/thickness	150 mm to 515 mm / Maximum 0.4 mm with liner and 0.22 mm without line
	Media roll weight	Max. weight 6 kg
	Roll/core diameter	Max. outer diameter 150 mm / Core diameter: 50.8 mm or 76.2 mm
Ink	Ink technology	Pigment
	Capacity	220 ml cartridge
	Colours	5 Colour – CMYK+Wh (Cyan, Magenta, Yellow, Black, White)
Cutting speed/blade force		10 mm/s to 150 mm/s / 30 to 300gf
Connectivity		USB 2.0
Printing resolution		Maximum 1440 dpi
Power-saving function		Automatic sleep feature
Power supply		AC 100 to 240±10 %, 1.0 A, 50/60 Hz
Printer dimensions		1009 W x 582 D x 293 H mm / 36 kg
Included items		Power cable, USB cable, blade, blade holder, User's Manual, etc.
Maintenance	Cap top	User replaceable
	Cap top replacement sequence	Start from utility
	Wiper	User replaceable
	Felt wiper	User replaceable
	Manual cleaning	Every day after the end of the working day
Consumables (DTF)	Film	S-F164 film
	Powder	S-Powder
	Cleaning liquid	CJ-CL

TrueVIS
AP-640
Large Format Resin/Latex Printer

TrueVIS Quality
Now In A Resin Ink

| RESIN INK | VARIABLE DOT PRINTING | INSTANT DRYING INK |

Additional Features

- + Low Power Consumption
- + Consistency Print after Print
- + Wider Media Compatibility
- + Resin Ink
- + Green Solution
- + Sharp Printing Quality

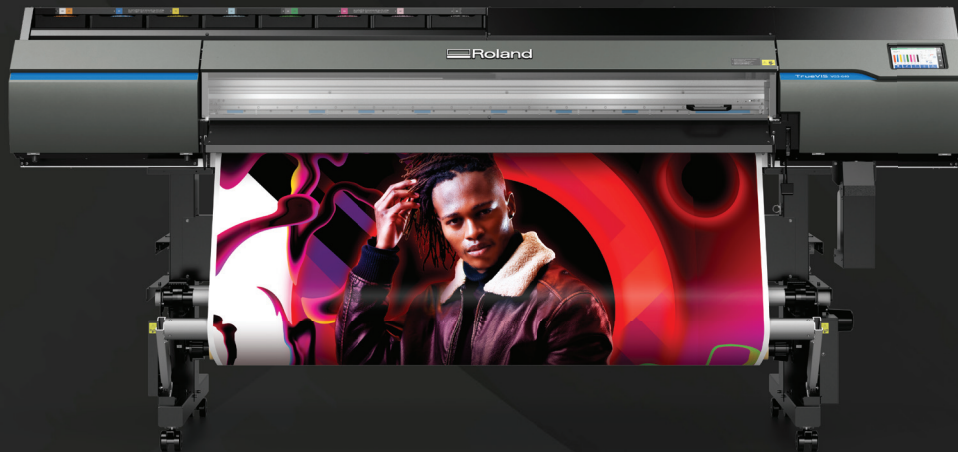| Technical Specifications		AP-640
Printing method		Piezo inkjet method
Dimensions		2,886 mm × 836 mm ×1,550mm (113.7 in. × 33 in. × 61.1 in.)
Weight		266 kg (587 lb.)
Media	Width	259 to 1,625 mm (10.2 to 64 in.)
	Thickness	Max. 1.0 mm (0.039 in.) with liner
	Roll outer diameter	Max. 250 mm (9.8 in.)
	Roll weight	Max. 45 kg (99 lb.)
	Core diameter	76.2 mm (3 in.) or 50.8 mm (2 in.)
Ink	Type	Resin ink 700 ml pouch
	Colours	Four colours (Cyan, Magenta, Yellow, and Black) and optimizer
Printing width		Max. 1,615 mm (63.5 in.)
Resolution		Max. 1,200 dpi
Ink drying system		Print heater set temperature: 25 to 45°C (77 to 113°F) Dryer set temperature: 70 to 110°C (158 to 230°F)
Connectivity		Ethernet (100BASE-TX/1000BASE-T, automatic switching)
Power-saving function		Automatic sleep feature
Rated power		Printer: 200-240 Va.c. 50/60 Hz 3 A Dryer 1: 200-240 Va.c. 50/60 Hz 10 A Dryer 2: 200-240 Va.c. 50/60 Hz 10 A
Included items		Dedicated stand, power cords, dryers, media take-up unit, media holders, separating knife, replacement blade, cleaning liquid bottle for maintenance, drain bottle, User's Manual, software (VersaWorks, Roland DG Connect), etc.

TrueVIS
VG3-640
Large-Format Inkjet Printer/Cutters

Color And Productivity
In perfect harmony

ECO SOLVENT PRINTER

INTEGRATED PRINT/CUT

UP TO 8-COLOUR CONFIGURATION

Technical Specifications		VG3-640
Size		64 inch
Dimension		2,886 x 748 x 1,320 mm (114 x 29 x 52 in.)
Media	Width	13.2 to 64 in. (335.3 to 1,625 mm)
	Thickness	Max. 1.0 mm (39 mil) with liner, for printing Max. 0.4 mm (15.7 mil) with liner and 0.22 mm (8.6 mil) without liner, for cutting
	Roll outer diameter	Max. 250 mm (9.8 in.)
	Roll weight	Max. 45 kg (99 lb.)
	Core diameter	76.2 mm (3 in.) or 50.8 mm (2 in.)
Ink	Colours	Ten colours (Cyan, Magenta, Yellow, Black, Light Cyan, Light Magenta, Light Black, Orange, Green, White)
	Capacity	500 ml pouch (TR2), 250 ml pouch (TR2 White)
	Configurations	CMYK (TR2) CMYKLcLmLkOr (TR2) CMYKLcLmLkWh (TR2) CMYKLkOrGrWh (TR2) CMYKLkOrGr (TR2) CMYKLcLmOrGr (TR2)
Control panel		7 in. touchscreen display
Resolution		Max. 1,200 dpi
RIP (included)		VersaWorks
Cutting	Cut pressure	500 gf
	Cut speed	10 to 300 mm/s (0.39 to 11.8 in./s)
Take-up Unit		Included

TrueVIS
SG3-540
Large-Format Inkjet Printer/Cutters

Everything You Need
To Build And Succeed

ECO-SOLVENT PRINTERS

INTEGRATED PRINT/CUT

4-COLOUR CONFIGURATION

Additional Features

+ Included VersaWorks 6 RIP—featuring new True Rich Color 3 preset, Nearest Colour Finder, and Variation Job function.

+ Roland DG Connect App ready—giving you instant access to important data about print jobs as well as your business

+ An included take-up on all SG3 devices gives you control and accuracy of print and cut jobs of all sizes.

+ TR2 inks in CMYK provide consistently amazing output of beautiful signs and graphics.

Technical Specifications		SG3-540
Size		54 inch
Dimension		2,632 x 748 x1,320 mm (104 x 29 x52 in.)
Media	Width	295 to 1,371 mm (11.7 to 54 in.)
	Thickness	Max. 1.0 mm (39 mil) with liner, for printing Max. 0.4 mm (15.7 mil) with liner and 0.22 mm (8.6 mil) without liner, for cutting
	Roll outer diameter	Max. 250 mm (9.8 in.)
	Roll weight	Max. 35 kg (77 lb.)
	Core diameter	76.2 mm (3 in.) or 50.8 mm (2 in.)
Ink	Colours	Four colours (Cyan, Magenta, Yellow, and Black)
	Capacity	500 ml pouch (TR2)
Control panel		7 in. touchscreen display
Resolution		Max. 1,200 dpi
RIP (included)		VersaWorks
Cutting	Cut pressure	500 gf
	Cut speed	0.39 to 11.8 in./s (10 to 300 mm/s)
Take-up Unit		Included

DGXPRESS
ER SERIES
Eco-Solvent Printer

Brilliant Colour
Amazing Speed

ECO-SOLVENT   **HIGH VALUE**   **HIGH SPEED**

Additional Features

+ Included VersaWorks 6 RIP with a wide selection of productivity-boosting features.

+ Roland DG Connect App ready - giving you instant access to important data about print jobs as well as your business.

+ With impressively economical ink usage and reliable hardware, you can lower costs and increase margins.

+ Print profiles are available and free to download for the most common media types in your area.

Technical Specifications		ER-641	ER-642
Size		64 inch	
Dimension		2,886 × 748 × 1,415 mm (113.7 x 29.5 x 55.8 in.)	
Media	Width	259 to 1,625 mm (10.2 to 64 in.)	
	Thickness	Max. 1.0 mm (39.3 mil) with liner, for printing	
	Roll outer diameter	Max. 250 mm (9.8 in.)	
	Roll weight	Max. 45 kg (99 lb.)	
	Core diameter	76.2 mm (3 in.) or 50.8 mm (2 in.)	
Ink	Colors	Four colors (Cyan, Magenta, Yellow, Black)	
	Capacity	500 ml cartridge (D-EA)	
Print Speed		Max vinyl print speed: Max. 25.2 m2/h Max banner print speed: Max. 43.5 m2/h	76.1 m2/h
Resolution		Max. 1,200 dpi	
RIP (included)		VersaWorks 6	

DGXPRESS
UG SERIES
UV Printer/Cutters

New Expression
In Print and Cut

UV-LED

LOW INVESTMENT

SPECIAL EFFECTS

Additional Features
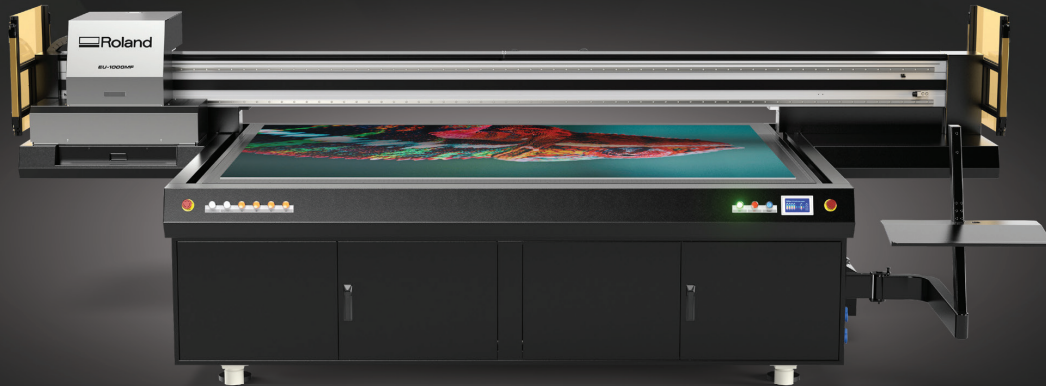
+ Included VersaWorks 6 RIP - featuring new True Rich Color 3 preset, native White and Gloss data generation, and Variation Job function.

+ With impressively economical ink usage and reliable hardware, you can lower costs and increase margins.

+ Roland DG Connect App ready - giving you instant access to important data about print jobs as well as your business.

+ Print profiles are available and free to download for the most common media types in your area.

Technical Specifications		UG-641	UG-642
Size		64 inch	64 inch
Dimension		2,819 × 781 × 1,316 mm (111 x 31 x 52 in.)	2,902 mm × 748 mm × 1,412 mm (114.3 in. x 29.5 in. x 55.6 in.)
Media	Width	210 to 1,625 mm (8.3 to 64 in.)	335 to 1,625 mm (13.2 to 64 in.)
	Thickness	Max. 1.0 mm (39.3 mil) with liner, for printing Max. 0.4 mm (15.7 mil) with liner and 0.22 mm (8.6 mil) without liner, for cutting	
	Roll outer diameter	Max. 210 mm (8.2 in.)	Max. 250 mm (9.8 in.)
	Roll weight	Max. 40 kg (88 lb.)	Max. 45 kg (99 lb.)
	Core diameter	76.2 mm (3 in.) or 50.8 mm (2 in.)	
Ink	Inks	Six Colours (Cyan, Magenta, Yellow, Black, White, Gloss) CMYKWhWhGlGl CMYKCMYK	
	Capacity	220 / 500 ml cartridge (D-UA-5)	750 ml pouch (D-UAP-7)
Resolution		Max. 1,440 dpi	Max. 1,200 dpi
RIP (included)		VersaWorks 6	
Cutting	Cut speed/ pressure	10 to 300 mm/s (0.39 to 11.8 in./s) / 30 to 500 gf	
Print speed		31.9 m2/h	

EU-1000MF

Uv Led Flatbed Printer

The Right Flatbed
At The Right Price

4 OR 6 PRINTHEADS

UP TO 3.74" OF HEIGHT CLEARANCE

CMYK OR CMYK+WH+GL

Additional Features

+ Print at a lower cost with ink that's economical compared to other large format UV flatbed inks on the market.

+ Add Gloss textures, raised embossed effects, and spot varnish for stunning finishes.

+ Easy ink loading allows you to refill 2.5-liter ink tanks on-the-fly for high volume print productivity.

+ Liquid cooling increases LED lamp lifespan while improving print curing processes.

+ Industrial Grade Casters and Levelling Adjusters ensure secure machine placement for production and allow you to move the machine if necessary.

+ 4-zone electronic vacuum bed automatically adds air suction and support in specific areas.

Technical Specifications		EU-1000MF
Media	Width	Max. 96 in. (2,440 mm)
	Length	Max. 48 in. (1,220 mm)
	Thickness	Max. 3.74 in. (95 mm)
	Weight	Max. 99 lb./m^2 (45 kg/m^2)
	Max. printing width/printing length (*1)	Max. 96 x 48 in. (2,440 mm x 1,220 mm)
Ink	Type	E-US
	Colors	6 colors (Cyan, Magenta, Yellow, Black, White, Gloss)
	Tank Capacity	2.5 L
	Bottle Capacity	1-Liter Bottles
	Configurations	4-Color CMYK 6-Color CMYKWhGl
Machine Weight		2,970 lb. (1,300 kg)
Resolution		Max. 720 x 1,200 dpi
RIP (included)		SAI FlexiPRINT Plus Roland DG Edition

*1 The maximum printing area can be extended to 96 x 48 in. (2,440 x 1,220 mm).

IU-1000F
Large Format UV-LED Printer

The Ultimate Performer

For peak performance and unlimited printing possibilities, the IU-1000F UV-LED flatbed printer delivers the speed, accurate colour reproduction and creative print expression your customers demand, on demand. The winning choice for a host of profitable applications including signs, exhibition graphics, interior décor, backlit displays, canvas wall art and more.

IMPRESSIVE VERSATILITY ON MATERIALS UP TO 110 mm IN HEIGHT AND 45 kg/sqm IN WEIGHT	RELIABLE PRODUCTIVITY FOR SUPER-FAST TURNAROUND TIMES	CMYK, WHITE, GLOSS AND PRIMER TO EXPAND YOUR PROFIT-MAKING POTENTIAL	LOW RUNNING COSTS FOR HIGH PROFITABILITY

Technical Specifications		IU - 1000 F
Printing method		Piezo ink-jet method
Media	Maximum size	2510 mm (W) × 1310 (L) mm (98.8 × 51.5 in.)
	Maximum thickness	110 mm (4.3 in.)
	Maximum weight	45 kg per sqm (99lb per sqm)
Maximum printing area		2500 mm (W) × 1300 mm (L) mm (98.4 × 51.1 in.)
Ink	Type	UV Curable Ink
	Colour	Six colours (Cyan, Magenta, Yellow, Black, White and Gloss) and Primer
	Ink bottle capacity	C,M,Y,K,Gl,Pr:1000cc Wh: 900cc
	Ink tank capacity	2500 cc per colour
Ink curing unit		UV-LED lamps x 2
Print resolution (dots per inch)		Max. 635 × 1800 dpi
Media vacuum system		Four independent areas with adjustable vacuum pressure
Connectivity		USB 3.0
Power requirements		EMEA 25A 3-phase 400 V
Acoustic noise level		75 dB (A) or less
Dimensions		4812 (W) × 2200 (D) × 1580 (H) mm (189.4 × 86.6 × 62.2 in.)
Weight		1436 kg (3166 lb)
Environment	Temperature	15 to 30°C (59 to 86°F)
	Humidity	40 to 80%
Included items		Print Control software, USB cable, cleaning kit, CD manuals, etc.

Want the best print quality?
Give it to Roland

Roland