

EU2-1000MF

Pre-Order Check List V1.0



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Customer information

Company name:

Contact person:

E-mail:

Telephone:

Installation Address

Delivery date:*1

Installation date:1*

Printer Ink configuration

4 Color mode - CMYK (4 Print Heads)

6 Color mode - CMYK WhGl (6 Print Heads)



Remember to order 2 set of
inks for the installation

Precautions for Maximum Printable Area

Do you want to extend the printing length to 1,220 mm?*2

*1 Delivery and installation dates for guidance only. Dates established during order process

*2 Customer understands the precautions for maximum printable area explained in the [Precautions for Maximum Printable Area] and the Safety information guide [Read this document first] .

Site information

Parking access for delivery vehicle:

Printer to be installed on ground floor:

Equipment and certified staff to unload from delivery vehicle on site:*1

Equipment to move printer to final position:*1

Clear access to final placement position:*2

Should the empty cradle be disposed of after installation?

The following materials needs to be prepared by customer:

Suitable power connection <5m from rear of printer base:

Computer meeting minimum specification for RIP and PrintEXP:

Network cable to connect the printer with the computer:

A computer with 2 network ports in case you want to connect the computer to internal network. The printer cannot be connected to a Network hub:

Cooling liquid (7L standard automobile cooling liquid):

Additional comments:

*1 Pump or fork truck capable of lifting printer and packaging weight and dimensions. Some pump trucks may not be compatible with shipping pallet - Please check shipping details and confirm.

*2 Please ensure all doors and/or internal features are suitably sized and there are no obstructions, allowing safe access to final placement position. Please check shipping pages for dimensions and weights.

Site information

Google maps link for install address:

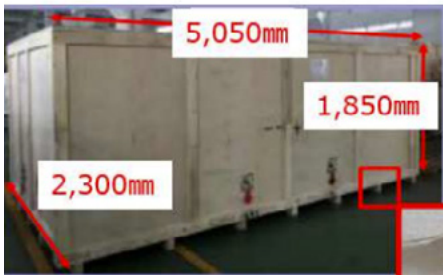
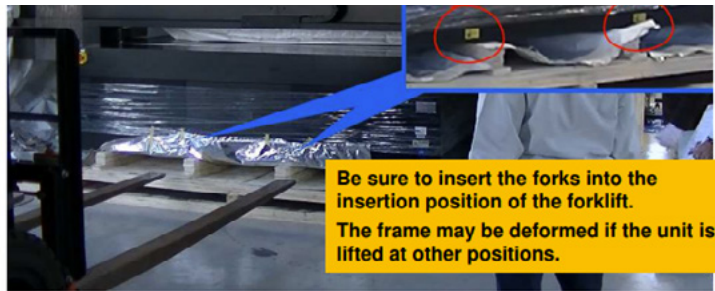
Door/Access features of installation site:

Shipping and weight information

	Shipping Dimensions	Shipping Weight (NET + Pallet)
	5,050mm(W) x 2,300 mm(D) x 1,850 mm(H)	1,796 Kg



Forklift 3 tons, forks 2400 mm or more



Packing weight: **1,796kg**



8mm



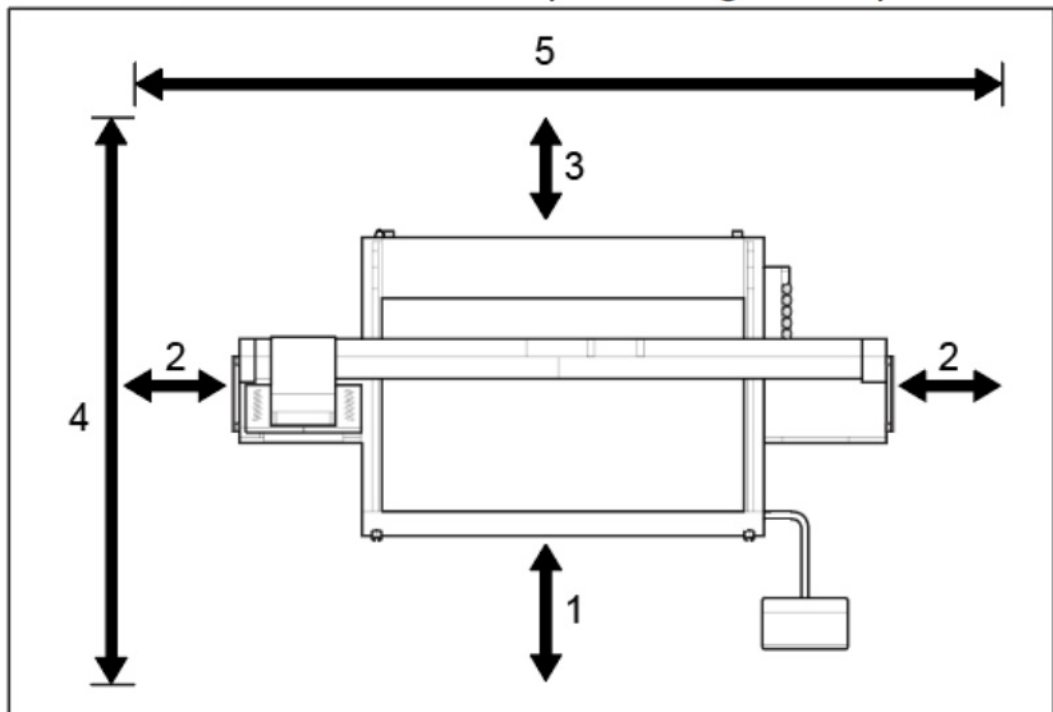
Note: Tools for unpacking are not included.

Placement information

People other than certified operators are prohibited from approaching this machine.

Limit the area around this machine to prevent people who have not undergone appropriate training from approaching this machine.

Explicitly state that the area around this machine is off limits by isolating it through an installation in a dedicated room with a locked door or by installing a safety fence around this machine's perimeter.



1. Front: 150 cm (59.1 inches) or more
2. Right and left: 100 cm (39.4 inches) or more
3. Rear: 100 cm (39.4 inches) or more
4. Depth: 500 cm (197 inches) or more
5. Width: 700 cm (276 inches) or more

Requirements

Power supply requirements

Single-phase: 230V 50/60Hz Current: 32A

Electric power: 5.9kW or more

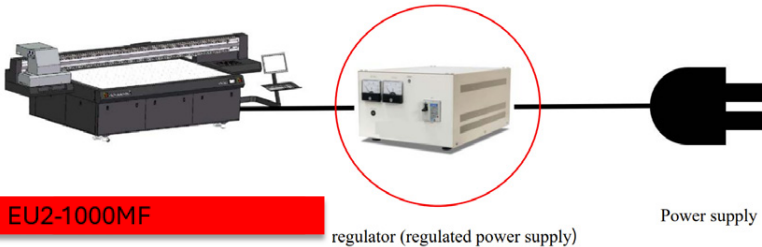


Brown: live
Blue: neutral
Yellow-green: earth

Note: Provided cable is wire terminated and does not contain a male plug.

CAUTION

If in the area where the machine is going to be installed there are fluctuation of AC 230V $\pm$ 10%, a voltage regulator is required to guarantee normal operation.



Note: Voltage regulator should be of minimum 6000W capacity

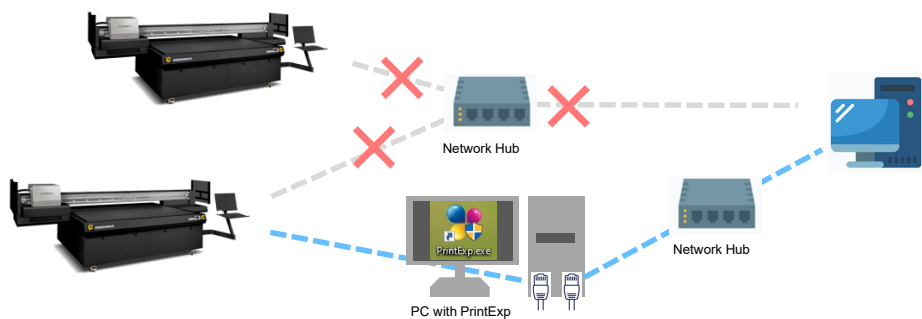
Requirements

Computer system requirements

This unit does not come with a computer, so you will need to purchase one beforehand. EU2-1000MF needs a dedicated PC for connection to printer with Print Exp Software (Printer control). The requirements are as follows:

System	Windows11
Graphic card	NVIDIA Quatro K620 2G or above
CPU	i5-4570 and higher
Memory	16 GB or more
Hard Disk Drive	500 GB or more free space
Solid State Drive	256 GB SSD or more free space
LAN Port	Supports 1000Base T - 2 cards are needed if you want to connect computer to internal network

Note: The higher the specification of the computer, the faster the processing speed of print data output. It is also recommended to install an antivirus software.



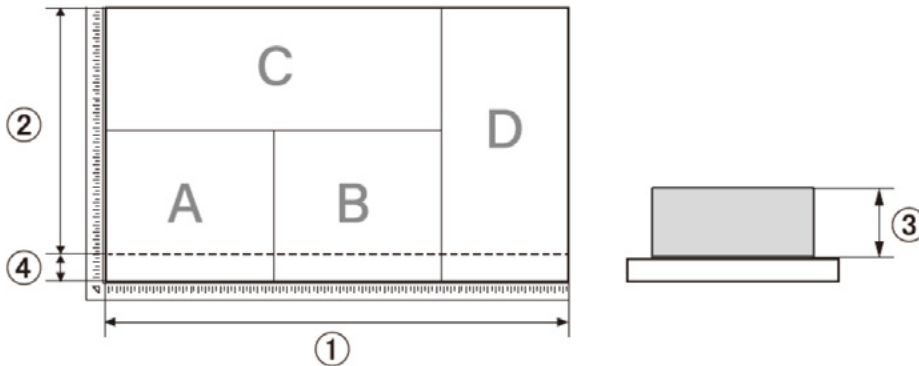
- PrintExp is the software which controls and operates the printer and must be connected directly from computer to printer using an ethernet cable
- VersaWorks and Print Exp MUST be installed on the same computer. The EU2-1000MF is not compatible with Roland DG Connect so you must install the PrintExp application. This will allow VersaWorks to recognize and register with the EU2-1000MF.
- To ensure consistent network speed, avoiding wireless networks, it is recommended to configure the PrintEXP computer with two ethernet ports. One port for printer, and one port for connectivity to network

Precautions for maximum printable area

Maximum printable area: Width 2440 mm (①)× Length 1120 mm (②)× Height 95 mm (③)

NOTE:

- The maximum printable area is different from the maximum size of the object to be printed on.
- The length 1120 mm (②) is the range excluding 0 to 100 mm (④) on the scale on the flat table.



Important

Fully understand the safety precautions before extending the length to the maximum value of 1220 mm (② + ④).

When the length is extended, the floor may be subjected directly to UV light radiation, which increases the risk of exposure to this radiation.

Warning

- To prevent light from entering your eyes, do not lean over or look directly at the UV lamp.
- Stay more than 1 m (39.4 in.) away from the UV lamp.
- Only place the object to be printed in the location subject to UV light.

Installation space

Places to avoid:

- Locations not specified in Installation environment above
- Locations exposed to direct sunlight
- Locations subject to vibration
- Places with a lot of dust
- Locations with large temperature differences
- Locations where air conditioners or heaters are nearby
- Locations that may be wet with liquids
- Location where contaminated gas may flow in
- Unstable location

CAUTION: Failure to meet the above environmental conditions may result in damage to the machine or its components.

About the User's Manual for this machine

You can view and download the electronic-format manual from the following URL

<https://downloadcenter.rolanddg.com/EU2-1000MF>

* You can also view and download all the paper manuals.

* You can also view this website from a smartphone

Read this first . This manual contains important precautions for using the machine.

User's Manual. This manual contains details such as how to use and maintain the machine as well as an FAQ (a set of frequently asked questions).

Special Color Ink Guide. This manual describes how to print using spot color ink.

Codes to purchase the printer:

EU2-1000MF-4C Large Format UV Flatbed Printer, 4 colour .

- 1 unit EU2-1000MF
- 4 Print heads

EU2-1000MF-6C Large Format UV Flatbed Printer, 6 colour.

- 1 unit EU2-1000MF
- 6 Print heads

E-US Ink codes

- **E-US-CY10** UV FLATBED PRINTER INK 1L CYAN
- **E-US-MG10** UV FLATBED PRINTER INK 1L MAGENTA
- **E-US-YE10** UV FLATBED PRINTER INK 1L YELLOW
- **E-US-BK10** UV FLATBED PRINTER INK 1L BLACK
- **E-US-WH10** UV FLATBED PRINTER INK 1L WHITE
- **E-US-GL10** UV FLATBED PRINTER INK 1L GLOSS



Periodical maintenance

Maintenance requirements by an authorized service centre

6 monthly*

- Replacement of filters (heads/subtanks)
- Replacement of filters (Ink tanks/Ink pumps)

12 monthly

- Ioniser needle replacements
- UV lamp cooling liquid

Every 2-3 years (depending on usage)

- Air pump replacement
- Ink pumps replacement
- Solenoid valve replacement
- Subtank replacement

Specifications

EU2-1000MF		
Printing method		Piezo ink-jet method
Acceptable media	Width	Max. 2,440 mm (96 in.)
	Length	Max. 1,220 mm (48 in.)
	Thickness	Max. 95 mm (3.74 in.)
	Weight	Max. 45 kg/m ² (99 lb./m ²)
Maximum printing width/printing length (*1)		Max. 2,440 mm × 1,120 mm (96 in. × 44 in.)
Ink	Type	E-US
	Colors	Six colors (cyan, magenta, yellow, black, white, gloss) Four colors (cyan, magenta, yellow, black)
	Tank capacity	2.5 L
	Ink-curing unit	Built-in UV-LED lamp
Printing resolution (dots per inch)		Max. 720 dpi × 1,200 dpi
Connectivity		Ethernet 1000BASE-T for control PC only
Power requirements	During operation	AC 220 V, 50/60 Hz, 32 A
Power consumption	During operation	Approx. 5,900 W
Acoustic noise level		80 dB (A) or less
Dimensions (Width × Depth × Height)		4,750 mm × 2,100 mm × 1,470 mm (188 in. × 83 in. × 58 in.)
Machine occupation dimensions		7,000 mm × 5,000 mm or more (276 in. × 197 in. or more)
Weight		1,300 kg (2,870 lb.)
Environment	During operation	Temperature: 18 to 25°C (64.4 to 77°F), humidity: 40 to 70%RH (no condensation)
Included items		Power cord, User's manual (to download), Software RIP (to download), Goggles, etc.

*1: The maximum printing area can be extended up to 2,440 mm × 1,220 mm (96 in. × 48 in.). For more information, refer to P. 8 "Printable Area.of User Manual"

Understanding

The customer/dealer agrees that the information within this document has been explained to the best of Roland DG ability and that the answers given are accurate. Any topics that have the answer “No” in the checklists should be clarified and arranged prior to delivery and installation. For standard deliveries, the following details should be checked:

- Confirm delivery location and opening times with the end-user (if not specified it is assumed that the goods can be delivered Mon-Fri between 8:00 and 18:00).
- Check accessibility of the site and assess all possible limitations for delivery by truck: parking restrictions, narrow streets, difficult turn, limitations in height (tunnel) in weight (bridge), soft undergrounds etc. If not specified, it is assumed that delivery trucks (H 3.8m, L 13.6m, W 20t) can access the location and unload without restriction in the front of the given ship-to address. In case other trucks would be used, this will be advised in advance.
- Check location and route to destination for installation of the machines, assess all possible obstacles. The standard service is including delivery up to doorstep, the foreseen entry point needs to be large enough for the machine in an upright position. If extra service is required (delivery of machine into the building) this needs to be informed when sending the order to Roland DG mentioning all possible obstacles (stairs, narrow passages, elevator dimensions, sharp turns). This might incur extra cost and planning time (please check with your local Roland DG representatives).
- Check availability of unloading equipment and get acceptance for assistance while unloading (international truck drivers are not allowed to unload themselves). If a loading dock is available on site, this will be used by preference in order to ensure a faster and safer delivery. If not a forklift will be necessary with lifting capacity of 3 tons and (long) forks of 2,400 mm or more, to unload from the side. Forklift and assistance for unloading is possible with a surcharge, this needs to be requested in advance based on the completed site survey (allow 48h for quotation process and one extra day for planning of the resources).
- If no specific information has been provided when ordering wide-format machines. We assume that standard delivery service is possible and the required help and equipment is available on site. Any costs resulting from refusal at unloading will be charged to the dealer. Roland DG will not be held responsible for delays or extra costs resulting from incorrect information.
- Only confirmed sales orders are accepted in the planning schedule. Once a product is ordered, no changes nor cancellations can be accepted.

	Customer	Dealer	Roland DG
Name:			
Company:			
Position:			
Date:			
Signature			
Purchase/order number:			