Inkjet Solutions
Technical Support

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GS2000LX Printer Specifications

Description: Machine specifications should be used by customers and Field Service Engineers during initial phases of printer logistics planning.

Affected Printers: GS2000LX Pro UltraDrop, GS2000LX Pro, GS2000LX

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1.0 Printer Specifications

Machine specifications should be used by customers and Field Service Engineers during initial phases of printer logistics.

Safety

- For safety concerns, please read and understand the EFI Ink Jet Printer Safety Guide prior to attempting any service work on your printer. Find the guide located at http://inkjet.support.efi.com/doc.php?doc=683.

Technical Support

Technical support for EFI Inkjet Solutions' customers is available 24 hours a day.

Note: A factory warranty or enrollment in a service plan is required for 24 hour support.

Americas	EU, Middle East, Africa	APAC
Customer Care	**Customer Care**	**Customer Care**
United States: 855-EFI-4HLP (855-334-4457)	+31 20 658 8070	+1 650 357 4790
412-690-4321		
Customer.Care@efi.com	Email EuroInk@efi.com	
Canada/Mexico/South America: +1 650 357 4790		
InternationalOrders@efi.com	Part Orders EuroParts@efi.com	Email InternationalOrders@efi.com
Technical Support	**Technical Support**	**Technical Support**
North America: 855-EFI-4HLP (855-334-4457)	+32 2 749 94 50	+65 6221 2765
Mexico and South America: +1 412-690-4321	DE +49 2102 745-4500	
	NL +31 20 658-8080/8069	
	UK +44 12462-98085	
	Email: EuroSupport@efi.com	
Online Request Support	**Online Request Support**	**Online Request Support**
https://inkjet.support.efi.com	https://inkjet.support.efi.com	https://inkjet.support.efi.com

Revision History

F	11/17/2017	Corrected "Crated" weight on pg. 4	DR 4705

Modifications

Do not modify this printer from its original design without the prior written approval of EFI Inkjet Solutions, nor use unapproved accessories.

Warning: Using unapproved modifications or accessories can lead to serious injury to yourself or others, and even death.

Hazardous Voltage

All EFI printers contain Hazardous Voltage. Refer to your printer's individual *Basic Operator's Guide* and labels attached to the printer components for specific hazardous voltage areas on the printer. Printer operators and technicians must conform to the following guidelines at all times during printer use and maintenance:

- Live electrical terminals can kill. Ensure that the main disconnect switch is in the **Off** position prior to connecting to facility power.
- Some EFI printers are rated as Class I equipment. Ensure that the earth grounding connections between the printer and the host system are maintained at all times.

Size and Weight

Uncrated

Table 1: GS2000LX Printer only, no Pallet or Pallet Enclosure

	Imp.	Metric
Height	66”	167.6 cm
Width (Front to Back)	63”	160 cm
Length (left to right)	202”	513 cm
Weight	5050 lbs	2291 kg

Palletized

Table 2: GS2000LX Printer on Pallet, no crate

	Imp.	Metric
Height	74”	188 cm
Width (Front to Back)	73”	185.4 cm
Length (left to right)	202”	513 cm
Weight	5500 lbs	2495 kg

Crated

Table 3: GS2000LX Printer on Pallet with Crate Enclosure

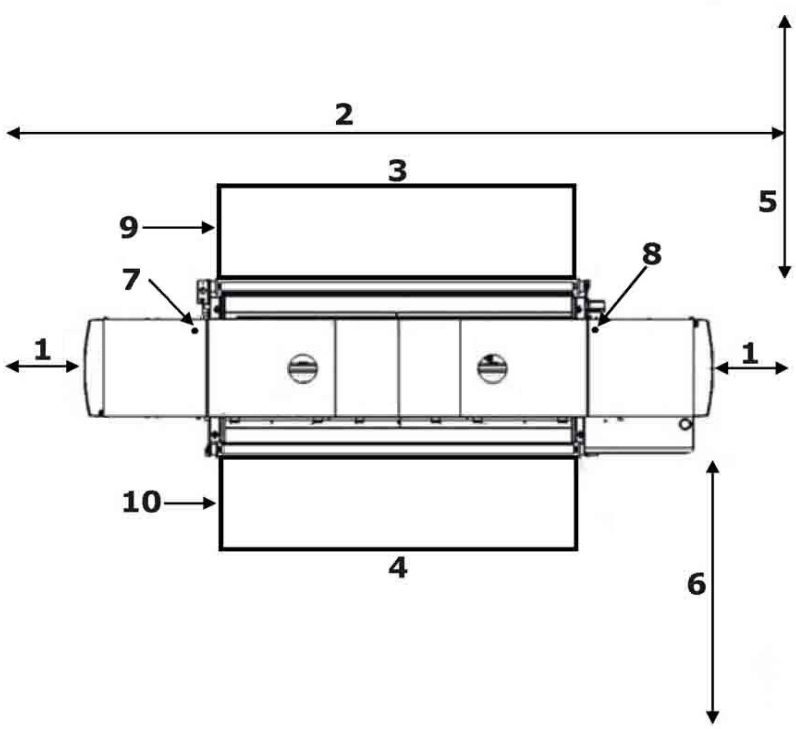
	Imp.	Metric
Height	83”	210.8 cm
Width (Front to Back)	73”	185.4 cm
Length (left to right)	242”	617 cm
Weight	7305 lbs	3314 kg

Floor Space

The GS2000LX printer requires adequate floor space to allow safe operation, including loading and unloading safely. The following table indicates the minimum printer floor space required, as well as the additional space required for loading media and removing the printed media. See Recommended Printer Working Clearances - GS2000LX.

Recommended Printer Working Clearances - GS2000LX

Figure 1-1: Top view, working clearance minimum recommendations



Note: The minimum dimensions shown in this floor layout are calculated based on using 4’ x 8’ (1.2 m x 2.4 m) sheets of rigid media. If you use larger rigid media, please allow additional space at all sides of the printer.

GS2000LX			
1	48” (122 cm)	6	96” (244 cm)
2	297” (754 cm)	7	Compressed air connector
3	Back of printer	8	Electrical cable input from facility circuit breaker panel
4	Front of printer	9	Sheet media infeed table, 80.75” x 63” (205.1cm x 160.02cm)
5	48-96” (122-244 cm)	10	Sheet media outfeed table, 80.75” x 63” (205.1cm x 160.02cm)

AC Power Specifications

Because of variances in local codes, a power cable is not included with the printer and must be supplied by the customer. Size shall be determined by local code requirements.

A licensed electrician must ensure that your printer's dedicated power source meets the printer's requirements.

Note: Measure Phase to Phase and each Phase to Ground. The phase to phase voltage difference must be less than 5% and each phase to chassis ground difference must be less than 5%.

Table 4: GS2000LX Electrical Requirements

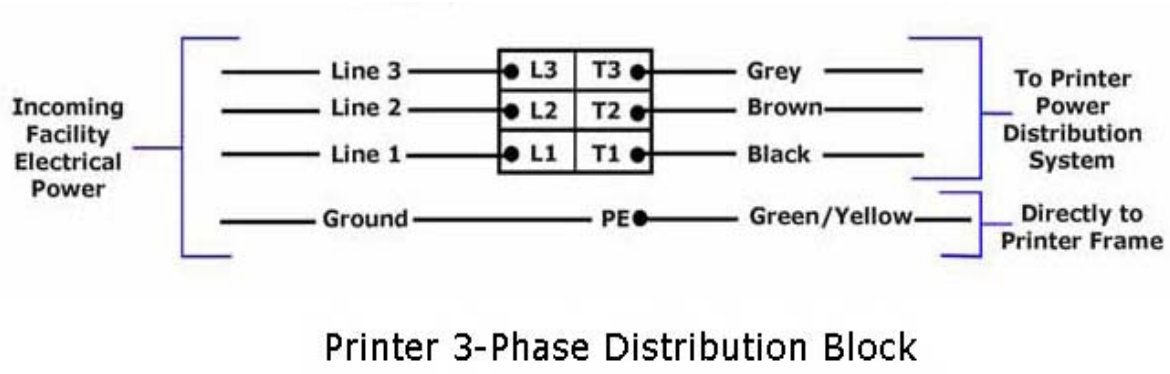
Value	Requirement
50 or 60 Hz, three-phase	200-230 VAC (Delta) or 400-460 VAC (Wye)
Peak rated current	20 Amps at 220V and 10 Amps at 440V
Peak power consumption	3.3 KVA
Continuous power consumption	3.2 KW

Three Phase Configurations

Defines the three phase electrical configurations.

Danger! GS2000LX printers DO NOT support a 480 volt, 3-Phase configuration.

Figure 1-2: Three-phase electrical configuration



Printer 3-Phase Distribution Block

Figure 1-3: Main AC input voltage switch



Switch Position	Input Voltage
Off	0
200-230	200-230 VAC 50 or 60 Hz
400-460	400-460 VAC 50 or 60 Hz

Danger! Electrical configurations shall not exceed 460 volts.

Compressed air

The following table outlines the minimum and maximum compressed air volume requirements.

Table 5: GS2000LX Compressed Air Requirements

	Imp.	Metric
Minimum	110 psi @ 12 cf/min.	7.73 kg/cm^2 @ 0.3396 cu. m/min.
Maximum	145 psi	10.2 kg/cm^2

For complete information about Compressed Air specifications, refer to the following document: https://inkjet.support.efi.com/doc.php?doc=975.

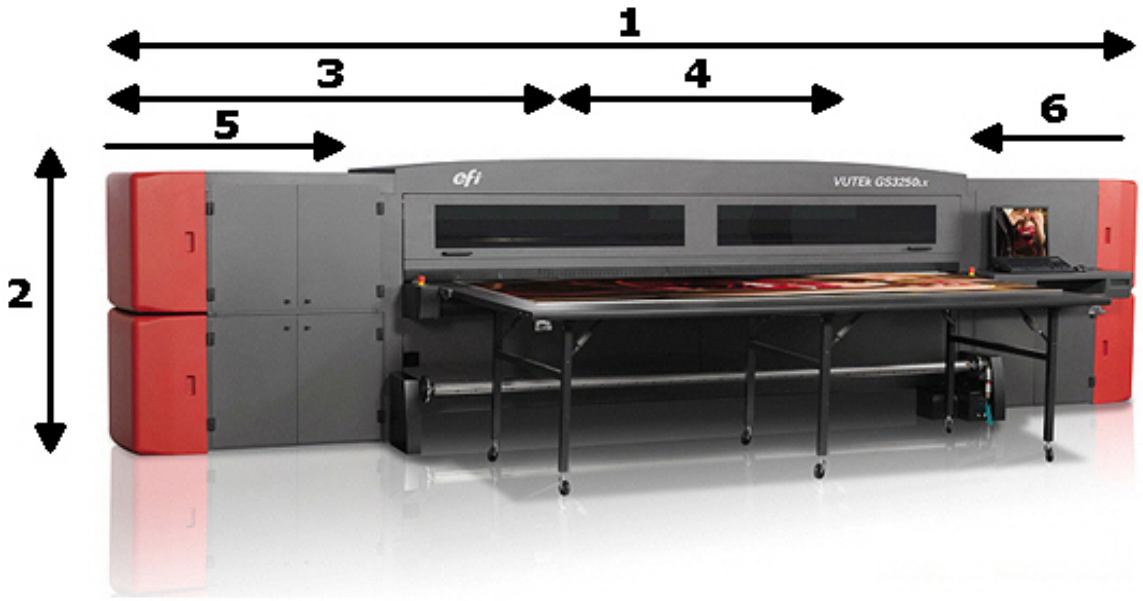
Printer Dimensions - GS2000LX

Front View

This section contains photos and illustrations of the GS2000LX showing its critical dimensions. Also see the Floor Space information.

Note: Exhaust collars outside diameter 10.25” (26 cm), inside diameter 10” (25.4 cm)

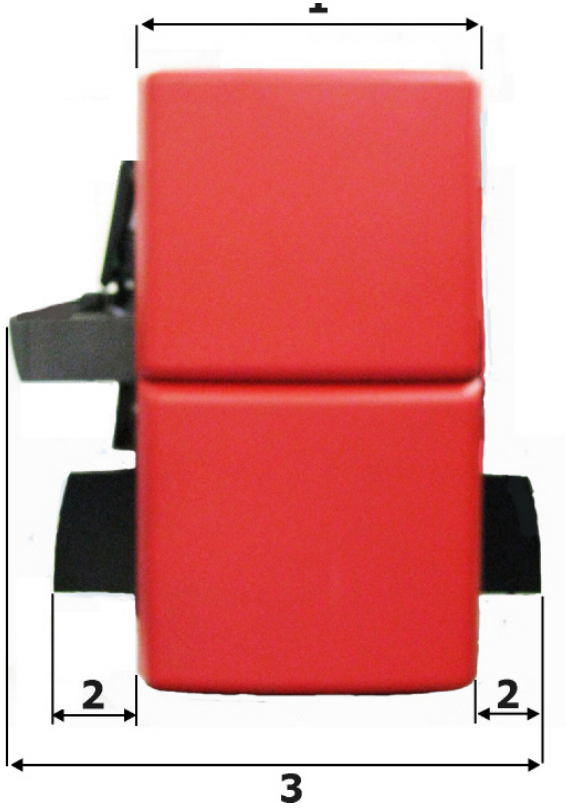
Figure 1-4: Front view



	GS2000LX Dimensions - Front View	Imp.	Metric
1	Overall Length	202”	513 cm
2	Height	65”	165 cm
3	Side to center of exhaust collar	75”	191 cm
4	Between exhaust collars, center to center	52”	132 cm
5	End cabinet to air connector	54”	138 cm

End View

Figure 1-5: Printer End view



	GS2000LX Dimensions	Imp.	Metric
1	Depth, frame only	36”	92 cm
2	Unwinder and Rewinder	13”	33 cm
3	Overall Depth	63”	160 cm

Environmental

EFI Inkjet Solutions does not supply a ventilation system for your digital printing system. However, EFI Inkjet Solutions does require a ventilation system be installed for extracting ozone, ink particles, solvent fumes, and heat from the printing area.

Customers must maintain the following environmental conditions for the printer and the area in which it is installed.

LED Lamps (LX Series)

Specification	Imp.	Metric
Volume at each exhaust collar (**two per printer**)	500 cf/m	14.2 meters^3/min.
Maximum under hood temperature	104° F	40° C
Ambient room temperature	68° F – 86° F	20° C – 30° C
Relative humidity (non-condensing)	30% – 80%	
Exhaust collar outside diameter	10.25 inches	26.0 cm
Exhaust collar inside diameter	10 inches	25.4 cm

Emissions

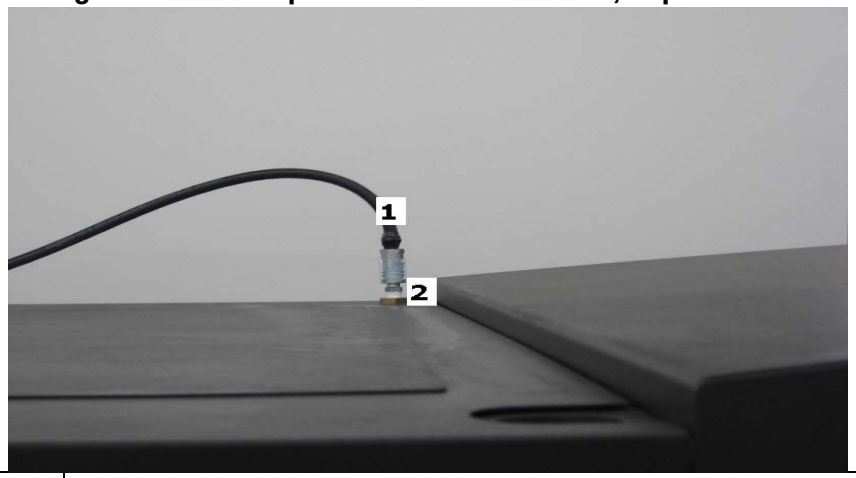
The following information will assist your Heating Ventilation and Air Conditioning Engineer when designing the printer's ventilation system.

VOC Emissions

Emission / Consumption	Imp.
Lbs. of VOC/hour at maximum speed	Less than 0.1%
Lbs. of VOC/liter of ink	Less than 0.1%
Particulate (mg per liter of ink)	15

1.1 Compressed Air Connector

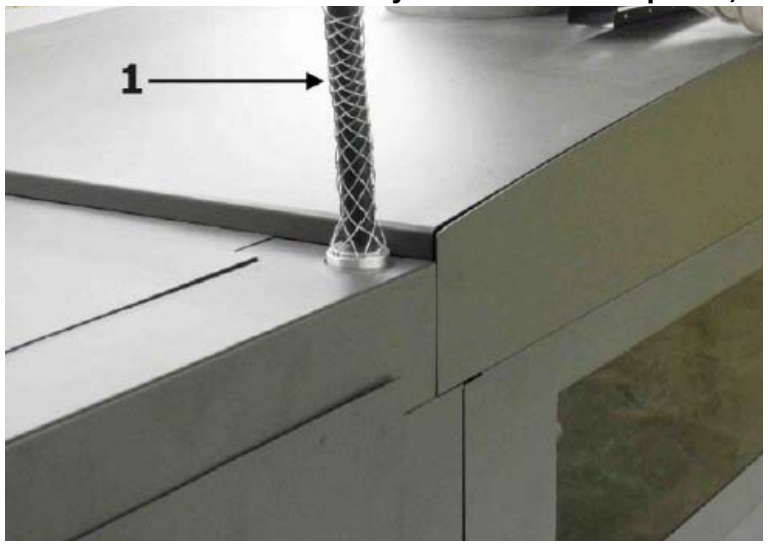
Figure 1-6: Compressed air connector, top left rear



1	Customer supplied air line from facility air compressor
2	Air line connector, male fitting

1.2 AC Power Cord

Figure 1-7: AC Power Cord from facility circuit breaker panel, top right rear



1	AC power cord from facility circuit breaker panel

Media Specifications - GS2000LX

Table 6: Standard Duty Unwinder – Air Core – Single Media Roll and Sheet Media

		Imp.	Metric
Media Width	Min.	12”	30 cm
Media Width	Max	80”	203 cm
Roll Weight – Air Core	Max @ 54” (137.2)	400 lbs.	180 kg
Media Roll Core, inside diameter		3”	7.6 cm
Roll maximum diameter		12”	30 cm
Sheet Thickness	Max	2”	5 cm
Sheet Weight	Max @ 80” (203 cm)	200 lbs.	90.7 kg