

GS3250LX Printer Specifications

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

Affected Printers: GS3250LX Pro UltraDrop, GS3250LX Pro, GS3250LX

1.0 Printer Specifications

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

Safety

Please adhere to the following safety items:

- Familiarize yourself with the EFI Printer Safety Guide, available 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) 412-690-4321 Customer.Care@efi.com	+31 20 658 8070 Email EuroInk@efi.com	+1 650 357 4790
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

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 printers' 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: GS3250LX 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)	248"	630 cm
Weight	6700 lbs	3039 kg

Size and Weight - Palletized

Table 2: GS3250LX Printer on Pallet, no crate

	Imp.	Metric
Height	74"	188 cm
Width (Front to Back)	73"	185.4 cm
Length (left to right)	242"	614.7 cm
Weight	7100 lbs	3221 kg

Size and Weight - Crated

Table 3: GS3250LX Printer on Pallet with Crate Enclosure

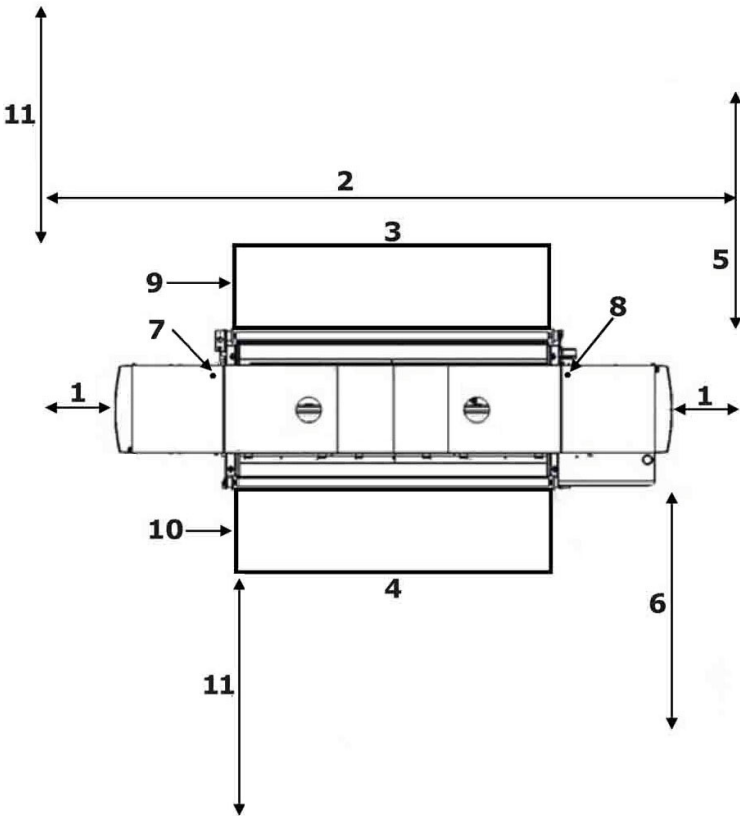
	Imp.	Metric
Height	83"	210.8 cm
Width (Front to Back)	73"	185.4 cm
Length (left to right)	242"	617 cm
Weight	8100 lbs	3674 kg

Floor Space

The GS3250LX printers requires adequate floor space to allow safe operation, including loading and unloading safely. [Figure 1-1](#) and the table show the minimum printer floor space required, as well as additional space required for loading and removing printed media.

Recommended Printer Working Clearances - GS3250LX

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.

1	48" (122 cm)	6	96" (244 cm)
2	344" (874 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 in-feed table, 128.25" X 63" (325.75cm x 160.02cm)
5	48-96" (122-244 cm)	10	Sheet media out-feed table, 128.25" x 63" (325.75cm x 160.02cm)
		11	48-90" Recommended working clearances (Media dependent)

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.

Important! 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: GS3250LX Electrical Requirements

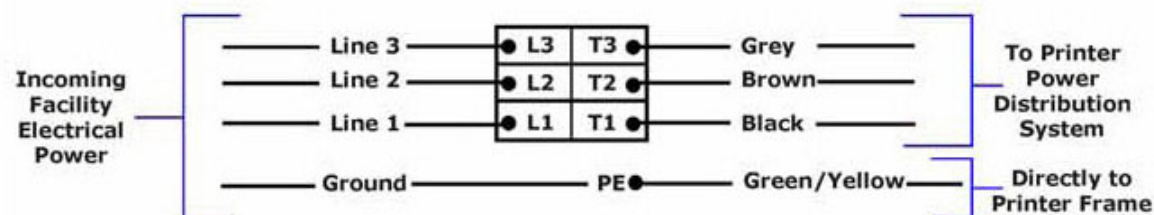
Value	Requirement
50 or 60 Hz, three-phase	200-230 VAC or 400-460 VAC
Peak rated current	20 Amps at 220VAC and 10 Amps at 440VAC
Peak power consumption	3.3 KVA
Continuous power consumption	3.2 KW

Three Phase Configurations

Defines the three phase electrical configurations.

Danger! GS3250LX 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 tables outline the minimum and maximum compressed air volume requirements.

Table 5: GS3250LX 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: <http://inkjet.support.efi.com/doc.php?doc=975>.

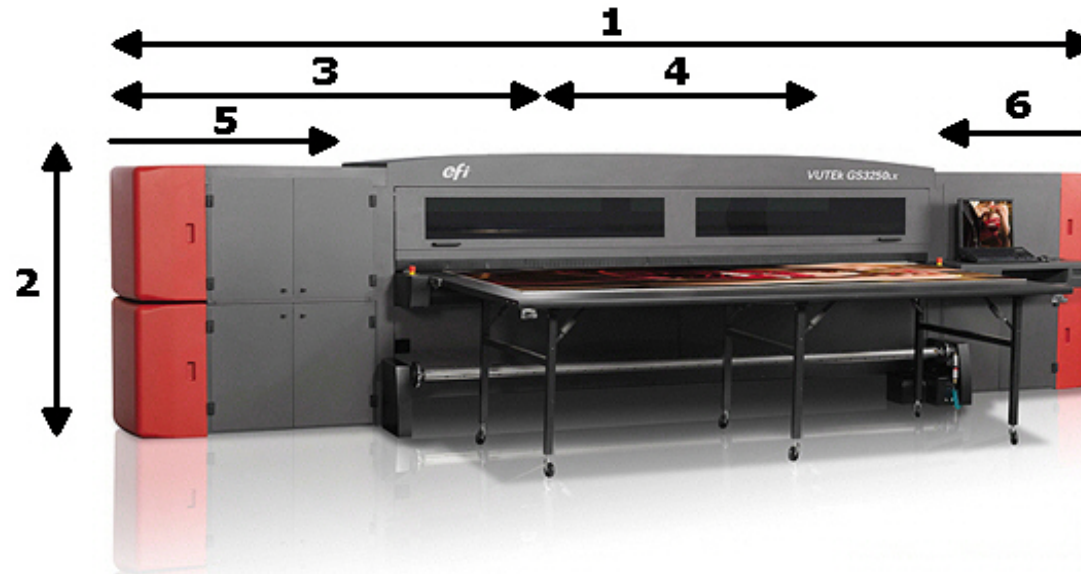
Printer Dimensions - GS3250LX

Front View

This section contains photos and illustrations of the GS3250LX 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)

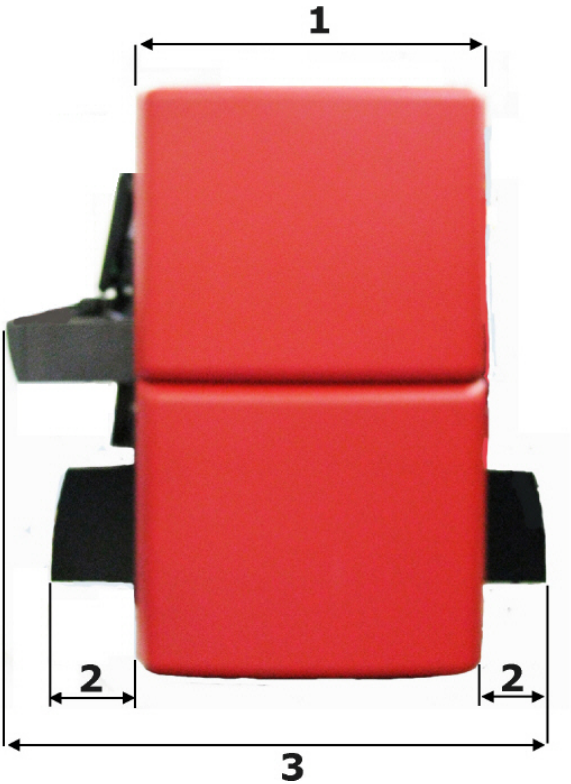
Figure 1-4: Front view



	GS3250LX Dimensions - Front View	Imp.	Metric
1	Overall Length	248"	630 cm
2	Height	66"	168 cm
3	Side to center of exhaust collar	90"	229 cm
4	Between exhaust collars, center to center	70"	178 cm
5	End cabinet to air connector	54"	138 cm
6	End cabinet to electrical cable input	54"	138 cm

End View

Figure 1-5: Printer End view



	GS3250LX Dimensions	Imp.	Metric
1	Depth, frame only	36"	91.4 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.

Specification - GS3250LX	Imp.	Metric
Volume at <u>each</u> 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 <u>outside</u> diameter	10.25 inches	26.0 cm
Exhaust collar <u>inside</u> diameter	10 inches	25.4 cm

Emissions

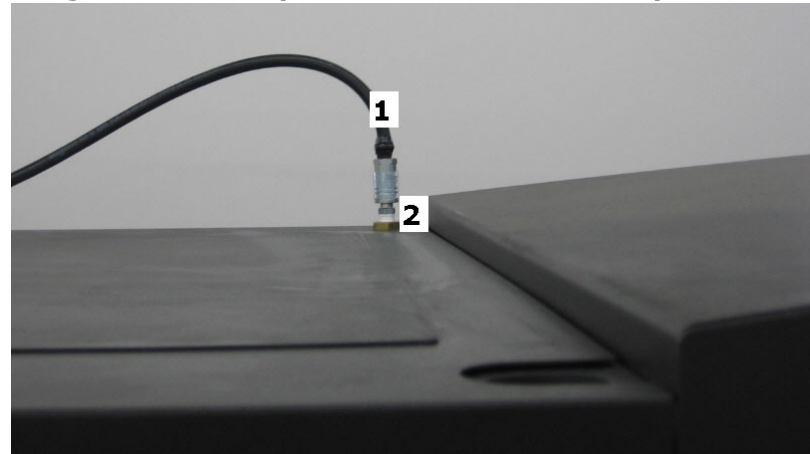
The following information will assist your Heating Ventilation and Air Conditioning Engineer when designing the printer's ventilation system.

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

Compressed Air Connector

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



1	Customer supplied 3/8" air line and 3/8" female connector from facility air compressor.
2	Air line connector, male fitting

AC Power Cord

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



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AC power cord from facility circuit breaker panel

Internet Connection

An Internet network connection must be provided for remote diagnostics and troubleshooting purposes.

Printer network configuration allows for Auto DHCP or static IP address. Please do not use 192.168.14.X subnet.

Media Specifications - GS3250LX

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

		Imp.	Metric
Media Width	Min.	12"	30 cm
Media Width	Max.	126"	320 cm
Media Width, with Material Edge Guide (MEG) skis installed	Max.	123.95"	314.8 cm
Roll Weight – Air Core	Max @ 126" (320 cm)	400 lbs.	180 kg
Roll Weight – Air Core	Max @ 54" (137.2)	170 lbs.	77.1 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 @ 126" (320 cm)	200 lbs.	90.7 kg