



Inkjet Tec

Document #
Issue Date
Printers Affected

Printer Specifications

Use these specifications when planning printer installation.

Prior to installation, read and understand the EFI Printer Safety Guide, available at <http://inkjet.support>

Printer Shipping Specifications

Machine Transport Requirements

4950LX Model printers must be transported using an air ride truck and trailer.

Caution! Significant damage can be done to the machine if it is not transported properly. This is not covered under warranty.

Unloading Equipment Requirements

Forklift

- Three ton (or greater) forklift is required.
- Forks or extensions \geq 96 Inches (3 meters) long.
 - This is required to move the 4950LX Series printer off the truck and to remove the crates.
 - Fork extensions reduce the lift rating of forklifts; ensure that the forklift supplied is rated for the load.
 - Forklift with side shift option will also aid in assembly.

Pallet Jack

- 5500 lb. minimum capacity with soft release valve.
 - This will help with moving and assembling the smaller components in the room.

Crate Dimensions

The table below shows the crated dimensions and weight of the 4950XL Series printer modules. Sufficient space must be provided to transport and position the components and the assembled press.

Note: There are dimensional differences in the printer module for the 4950LX model compared to the 4950XL model.

Table 1: Dimensions and Weights

Jetrion 4950XL (5 Crates)	Height Inches [Meters]	Width Inches [Meters]	Length Inches [Meters]	Weight Lbs [kg]
✓ Unwinder	83 [2.11]	56 [1.42]	50 [1.27]	1924 [900]
✓ Corona	48 [1.22]	40 [1.02]	30 [0.76]	
2 ✗ Printer (4950LX)	83 [2.11]	66 [1.67]	86 [2.18]	5750 [2608]
Winder	63 [1.6]	56 [1.42]	66 [1.66]	1764 [800]
✓ Winder/Turret	63 [1.6]	56 [1.42]	66 [1.66]	2205 [1000]
✓ Machine Supplies	76 [1.93]	64 [1.63]	37 [0.94]	1100 [500]

Uncrating

To ensure that no components have been lost or damaged during transit, Jetrion service technicians w machine.

Caution: To avoid potential liability due to lost, damaged or misplaced parts, it is **prohibite** EFI without the written consent of EFI.

Table 2: Overall Dimensions 4950LX

Jetrion 4950LX Uncrated	Height Inches (mm)	Width Inches (mm)	L I
Entire Machine 4950LX	78 (1985)	61 (1549)	1

Table 3: Uncrated Dimensions

Jetrion 4950LX (5 Crates)	Series	Height Inches [mm]	Width Inches [mm]	Length Inches [mm]	Weight Lbs [kg]
Unwinder		46 [1168]	47 [1200]	47 [1200]	
Printer (4950LX)		75 [1900]	61 [1549]	83 [2100]	
Winder		56 [1422]	48 [1219]	59 [1500]	
Winder/Turret		56 [1422]	48 [1219]	59 [1500]	
LED Blower		14 [356]	16 [406]	16 [406]	
Corona Blower		17 [432]	20 [508]	16 [406]	
LED Chiller		23 [584]	25 [635]	31 [787]	

Installation Requirements

Clearances

The drawings on pages eight and nine show the printer dimensions, as well as working clearances operation.

Print Environment

- Keep the room where the printer is located free of dust and other particle contaminants.
- The room where the printer is located must be free of stray UV light.
- Flooring must be flat, solid and free from vibration.
- Floor must not have greater than 32mm or 1.25" height variance from level, due the limits

Refer to your **Customer Information Guide** for more information.

Table 4: Environment Specifications

Environment	
Parameter	Value
Temperature	20°-28°C (68°-83° F)
Humidity	40-70% (non-condensing)
Maximum Altitude	3000m (10,000 ft.) above sea level

VOC Emissions Information

In the fastest mode, 600 x 300 DPI with no smoothing, VOC content for _____ ink is equal to **.05%**

Assumptions:

- Ink usage is 2.7 liters/hour/channel
- 225% coverage, 6.05 liters of ink/hour

Electrical



A 3 meter power cable with a CE 5 pin plug is supplied with the machine. Size and configuration w requirements. A licensed electrician must ensure that your printer's dedicated power source meets US customers will need to purchase a transformer to convert to the output power specifications sh

Table 5: Electrical Specifications

Electrical	
Parameter	Value
Machine Power	380 to 420 Max VAC @ 63A* (Wye Configuration) 3 phase, 5 wire (3 phase + Neutral+ Earth Ground), 50, clockwise rotation
LED Chiller	200-240VAC, 50-60 Hz, 15 Amps Single Phase, 2 wire plus ground
Line Differential Protection	≥ 300mA (suggested = 500mA)

Important: Measure the line-to-line and line-to-ground voltages. The line-to-line voltage diff 10% and the difference between each line and chassis ground must be less than

Note: Refer to [Figure 3](#) on page 9 for printer input power location.

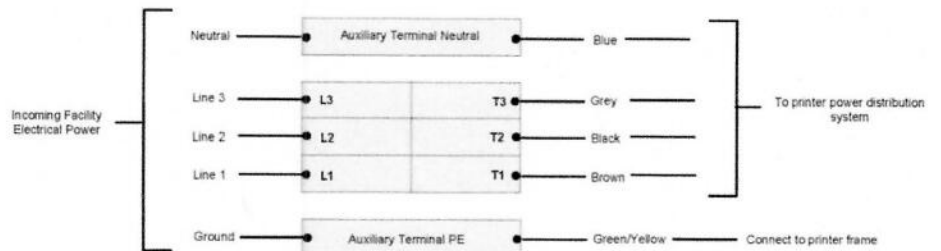


Figure 1: Three phase, five wire electrical configuration

Compressed Air

Use this section to determine the compressed air requirements for your printer.

The customer is responsible for supplying the exhaust hoses from the blower to the facility exhaust lengths of these hoses will determine the blower locations.

Table 6: Compressed Air Specifications

Air	
Parameter	Value
Machine, Nominal	6 bar (87psi)-230 NI/min (8.5m ³ /hr.
Corona Exhaust connection	Flow rate 7m ³ /min (250cfm) One dedicated connection* of ø1 mm, 4" aluminum
LED Extraction Connection	Flow rate 19.5 m ³ /min (689 cfm) One dedicated connection* of ø1 mm, 4" aluminum

Caution: Compressed air must be clean (free from oil vapor and particulates) and dry (via a dryer). Failure to provide high quality compressed air to the printer will result in upsets and service calls. These service calls may be billable.

Note: Back flow valves are recommended for exhaust lines leaving the building. When exhaust avoid HVAC air intakes to prevent odors from coming back into the building. The corona and LED extraction require output to the outdoors.

Caution: Dedicated connection refers to a stand-alone exhaust line to the outside. Do not connect without written permission from EFI.

Media

Table 7: Media

Media Specifications	
Parameter	Value : Imp [Metric]
Media Width, Min.	6 in. [152.4]
Media Width, Max.	14 in. [360 mm]
Roll Weight, Max.	198 lbs [90 kg]
Media Roll Core, inside diameter	3 in. [76.2]
Roll Max. Diameter	24 in. [610 mm]
Media Max Thickness	0.059 in. [1.5 mm]
Media Min Thickness	40 microns

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Overall Machine and Site Dimensions

The drawings shown in this section show the printer dimensions, location of air and power connections, and re area. To ensure that you have the latest version of these drawings, contact your field service engineer before sit

4950XL

Opening the cover for maintenance requires headroom of at least 245 mm.

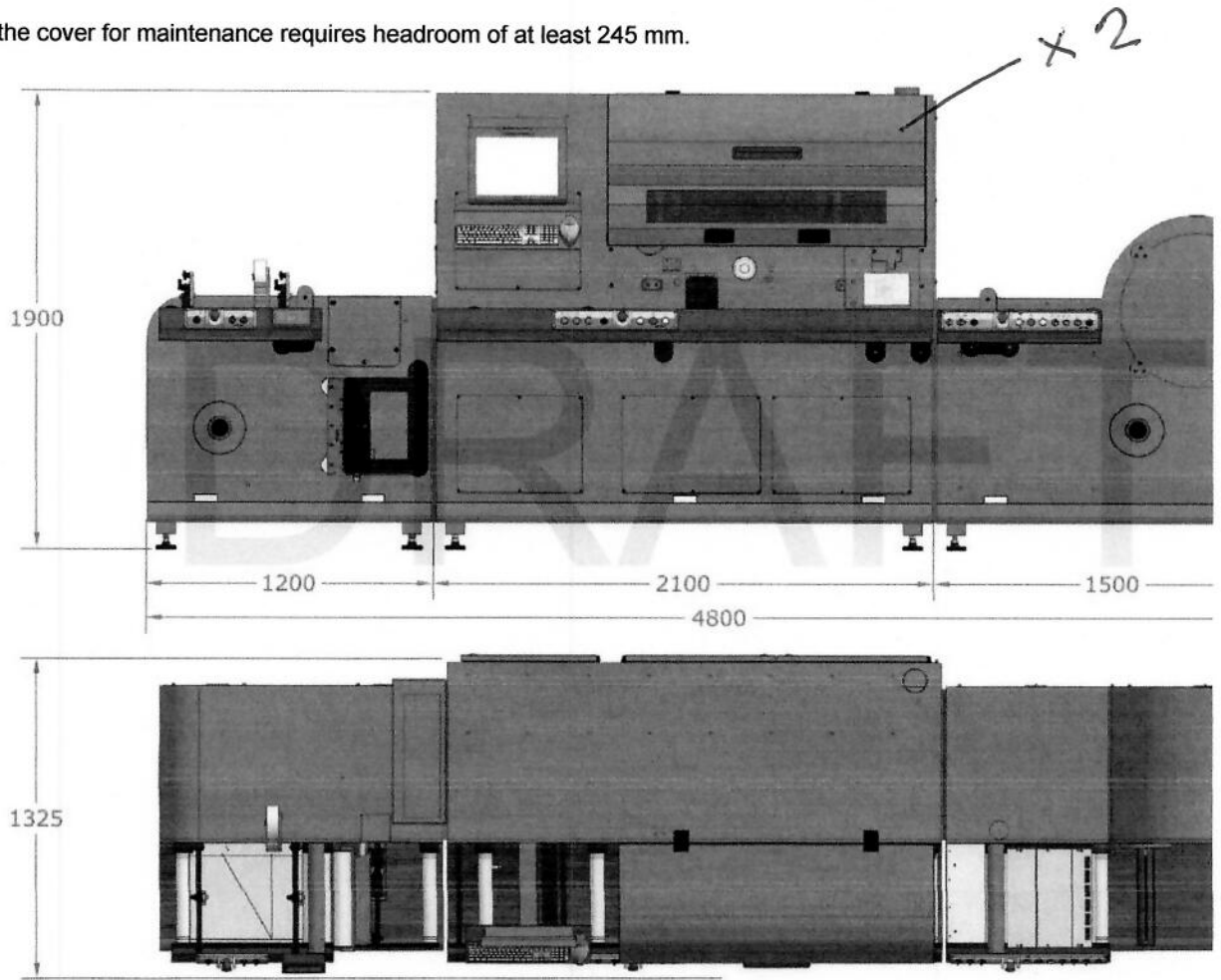
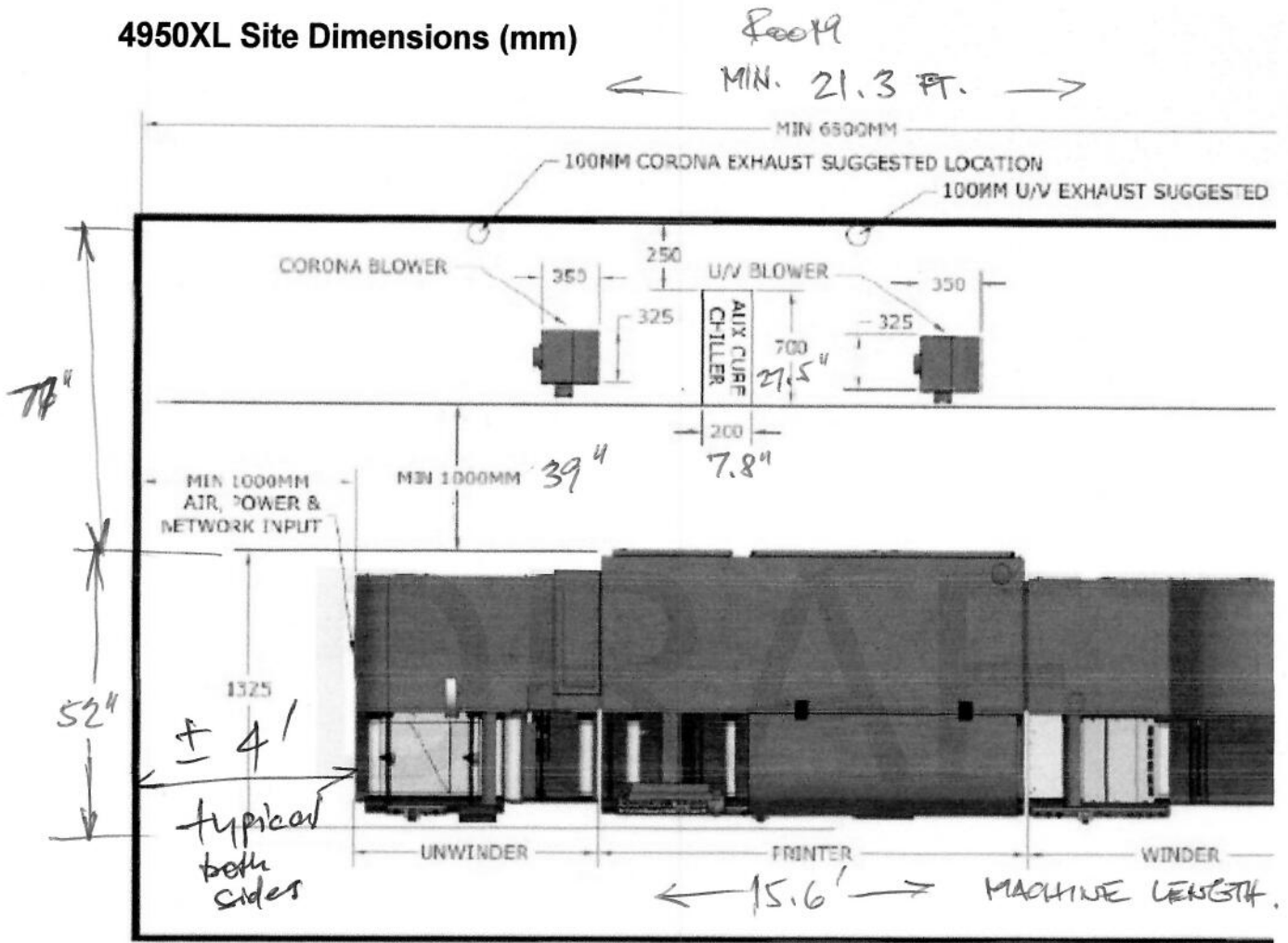


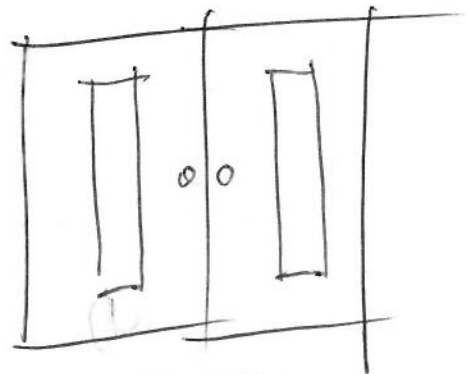
Figure 2: Overall dimensions (mm)

4950XL Site Dimensions (mm)



Height = 6.2'
 74.8"

Figure 3: 4950XL Site Dimensions



EFI

24' x 16' = 384 sq. FT.