

EFI Pro 24f Printer Specifications

Description:	This document contains general specifications for the EFI Pro 24F Printers. Use these specifications during the initial phase of printer logistics planning and for installation site preparation prior to shipment of the printer(s).
Affected Printers:	EFI Pro 24f

Printer Specifications

This document contains general specifications for the EFI Pro 24F Printers. Use these specifications during the initial phase of printer logistics planning and for installation site preparation prior to shipment of the printer(s).

Prior to installation, read and understand the EFI Printer Safety Guide, available at: <https://inkjet.support.efi.com/doc.php?doc=683>

Revision History

10/15/2017	Rev. A	Initial release.
11/30/2017	Rev. B	Correcting crated/uncrated printer sizes per email from Stephen Potter.

1.0 Printer Shipping Specifications

EFI Pro24f sold in the US are shipped palatized and wrapped in plastic. Printers sold out of the US are shipped crated. The Printer is bolted to a pallet inside the crate. Once the crate has been removed, the printer and media tables must be unbolted and removed from the pallet.

A forklift capable of lifting the crated weight of the printer must be available at the installation site when the printer is delivered. Sufficient covered space must be available for printer uncrating operations. Printers are mounted with 4 wheels for position adjustment and four adjustable feet for leveling.

Note: Use the uncrated dimensions to determine if the printer will fit through the facility entrance. (See Figure 4)

Table 1: Dimensions – Imperial [Metric]

	Height	Depth (front to back)	Width (left to right)
Crated	71.5" [1790mm]	85.4" [2170mm]	189" [4800mm]
Uncrated	54.7" (1389mm)	83" (2084mm)	176" (4470mm)

Table 2: Weights – Imperial [Metric]

	Gross Weight
Crated (Printer, Peripherals and Tables)	3968 lbs. [1800 kg]
Uncrated / Unassembled (Printer ONLY)	3527 lbs. [1600 kg]

See [Suggested Floor Space Requirements](#) at the end of this document for complete uncrated dimensions with doors open for absolute space requirements.

2.0 Overview

The illustrations below show overviews of the printer from various locations.

Caution! Never place objects on top of the printer. Objects placed on top of the printer may obstruct cooling fans and cause printer problems.

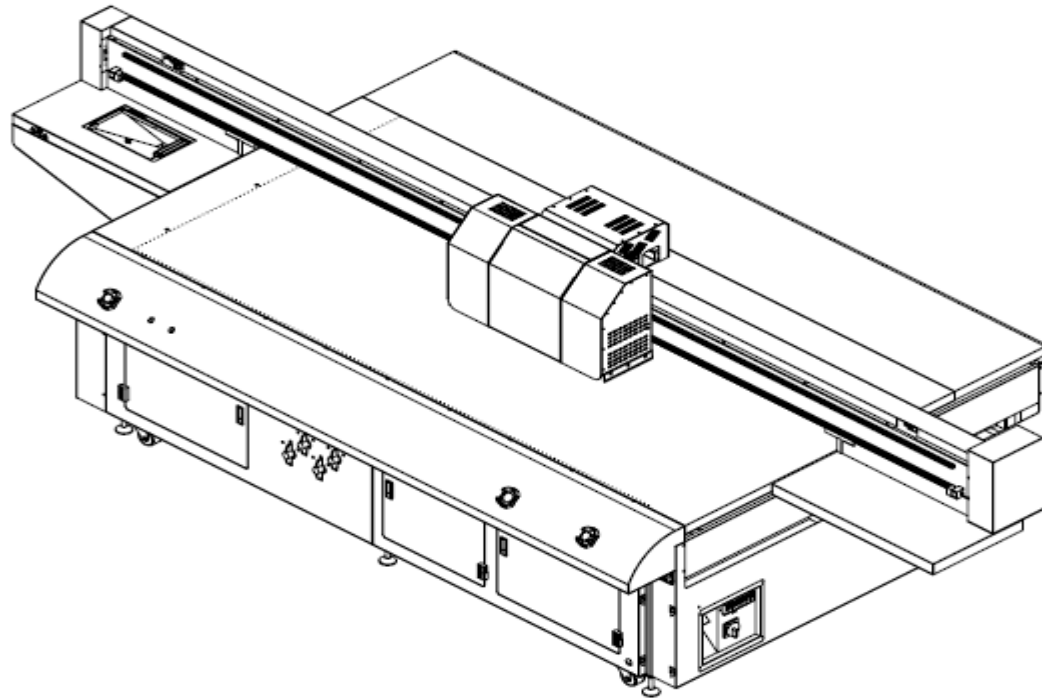


Figure 1: Top Angled View

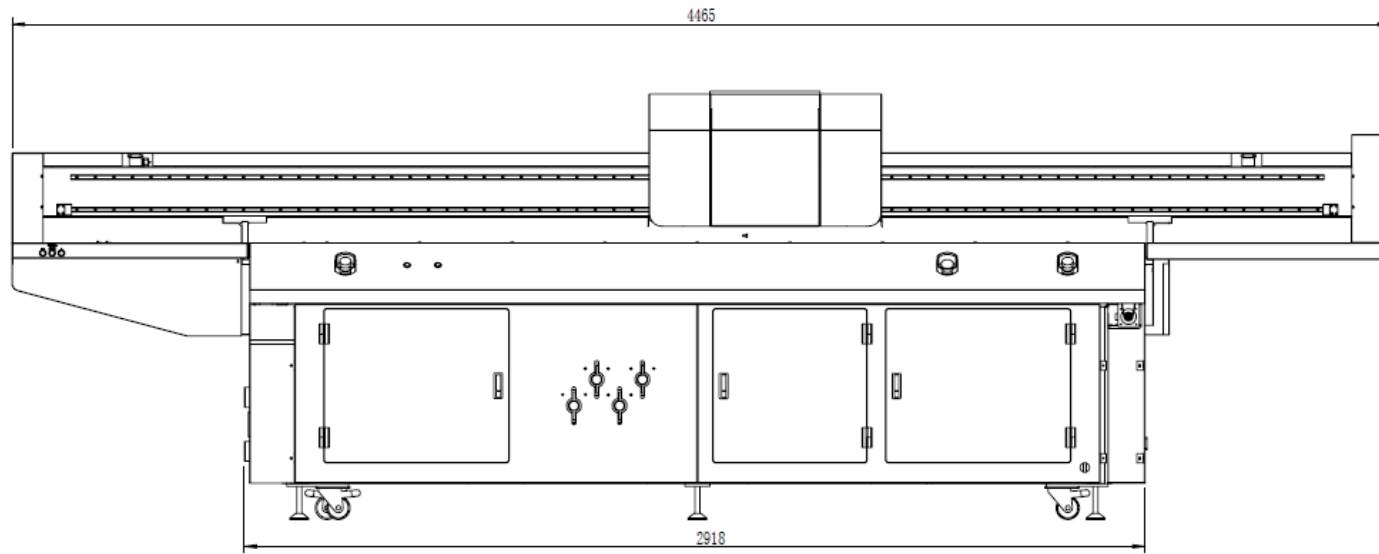


Figure 2: Rear View

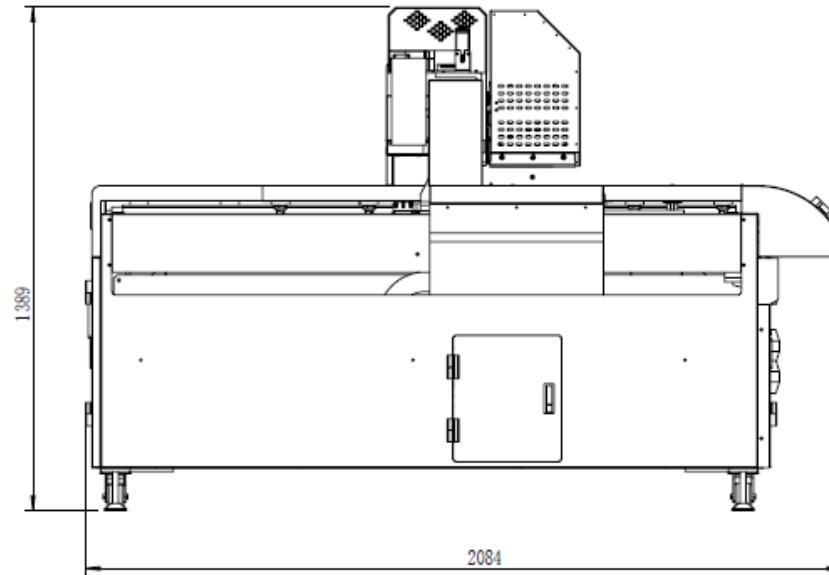


Figure 3: Side View

3.0 Installation Requirements

The following items are required for Proper installation.

3.1 Print Room Environment

Keep the room where the printer is located free of dust and other particle contaminants. When installing an EFI printer in the same room with other kinds of printing equipment, the printer should be isolated by a partition.

EFI does not supply a ventilation system for the Pro 24F printing system. However, EFI highly recommends the following:

- The area where the printer is installed should have adequate climate control for operations personnel, room size and printer requirements.
- The level of air conditioning required to maintain the Proper operating environment for the space depends on many factors, typically the LED printers generate about 15,000 BTUs/hr. of energy.
- For Proper operation, the air conditioning system must completely change the air in the print area 6 (six) to 10 (ten) times per hour.
- To maintain environmental requirements and acceptable air quality, the system should have adequate air intakes and exhausts.

Note: EFI strongly recommends that customers contact an HVAC specialist to ensure that the facility has the Proper air system capabilities.

Table 3: Environment Specifications

Parameter	Pro 24F
Ambient Room Temp.	68°F to 86°F [20°C to 30°C]
Humidity	30% to 80% (Non-condensing)

The Pro 24F printer should be located where ambient UV light is at a minimum. The printer uses UV cured inks and, as a result, ink can cure in unwanted areas (including the print head faces and other damaging places) due to exposure of stray UV light.

Please see ink Safety Data Sheets for additional information.

3.2 Electrical

The following outlines electrical requirements:



No NEMA connector is needed for installation. The electrician must wire the customer-supplied cable to the facility's power supply and to the EFI-supplied blue plug. Size and configuration are determined by local code requirements and a licensed electrician to ensure that the printer's dedicated power source meets the printer's requirements.

Table 4: Electrical Specifications

Parameter	Pro 24F
VAC Power	208 to 240 VAC, Single Phase, 50-60 Hz, ≤30 Amp Draw
Wiring	3 Wire Single Phase 220 VAC ±10%,
Peak/Avg. Current	Peak Current 50A - Average Current 20A

Note: Must have "Slow-Trip" Breaker, (*Thermal Magnetic Circuit Breaker*)

The location of the main power panel (where Power is plugged into the printer) is shown in Figure 6. This location is on the right side of the printer. The plug and connections are also identified.

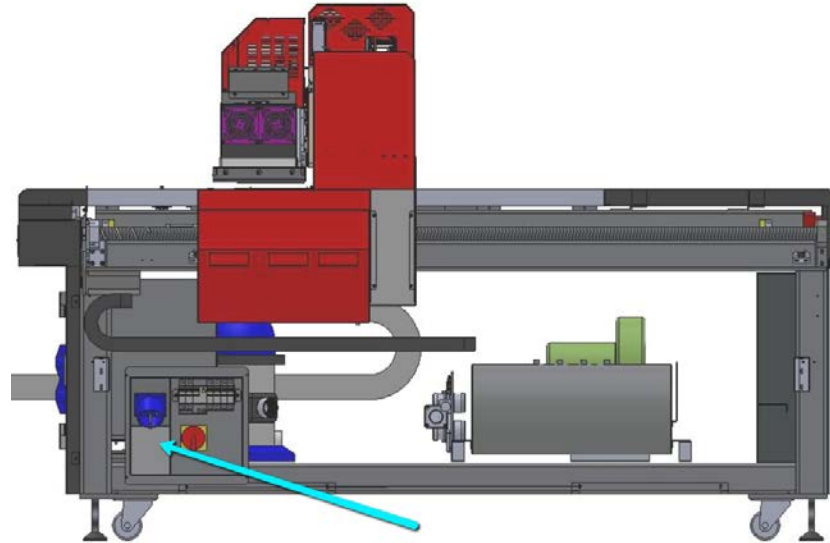


Figure 6: Pro 24F Main Power Connector Location and Connector Configuration

4.0 Communication Requirements

A standard, high-speed, broadband internet connection is recommended for internet access.

5.0 Media and Ink

Sufficient space must be Provided to store flat media in up to 100" x 52" sheets.

Check with media supplier for floor load and environmental requirements. Sufficient space must be Provided to store printer inks. Dispose of all inks and solvents in accordance with local codes

Table 5: Media

Sheet Media Parameter	Value : Imperial [Metric]
Sheet Width, Max.	100" [30.5cm]
Sheet Thickness, Max.	2" [5.1cm]
Max. Sheet Weight	397 lbs. [180kg]

6.0 ACTARGs and Alignment Files

ACTARG Files and Alignment Files are stored on the Pro 24F computer.

7.0 Suggested Floor Space Requirements

When setting up for operation, it is recommended that a minimum of 8 feet be provided on each side of the printer for loading and unloading 4'x8' flat media. In addition, a minimum of 6 ft. should be provided at each side of the printer to access the openings and provide the ability to move around the ends of the doors.

Note: The floor surface must be non-static tile or concrete.

