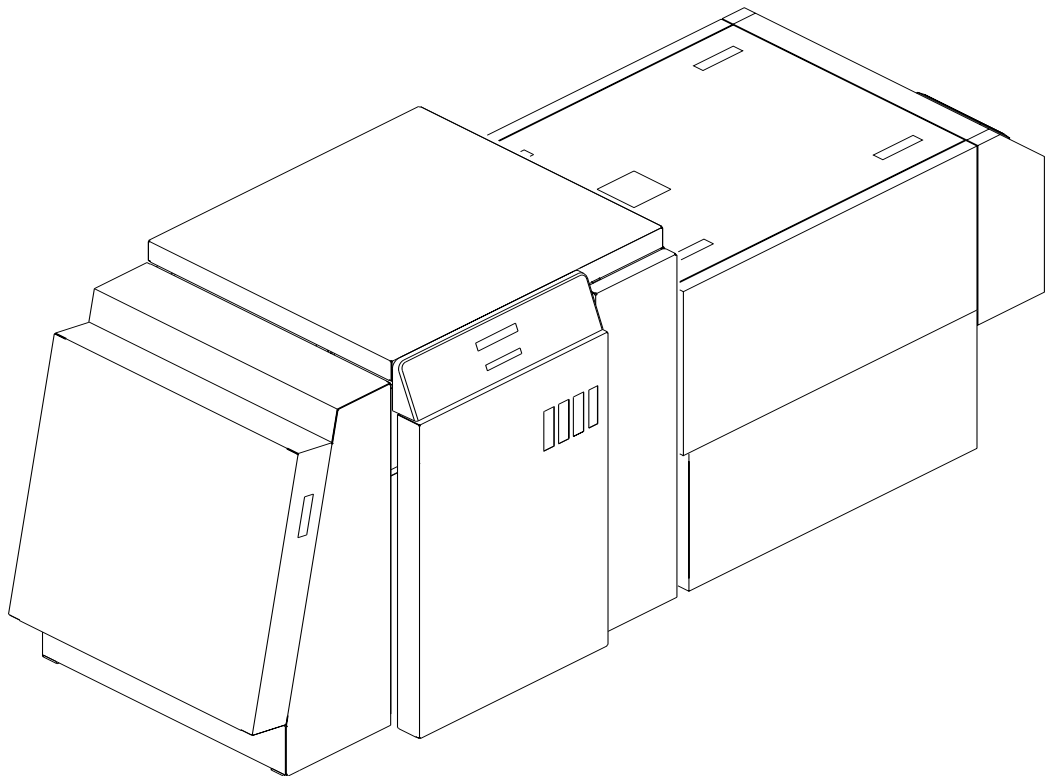


**SITE SPECIFICATIONS**  
**for the**  
***KODAK PROFESSIONAL LED II PRINTERS 20P/20R***  
***KODAK PROFESSIONAL LED II PROCESSOR 20P***



G130\_1000HA



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## Table of Contents

<b>Description</b>	<b>Page</b>
<u>Site Specifications</u> .....	3
<u>Space Requirements</u> .....	3
<u>Operating Environment</u> .....	3
<u>Electrical Requirements</u> .....	4
<u>Plumbing Requirements</u> .....	7
<u>Venting Requirements</u> .....	7
<u>Other</u> .....	7

## Section 1: Site Specifications

### Space Requirements

#### Dimensions and Weight (Uncrated)

Width	Length	Weight
<i>Printer:</i> 102 cm (40 in.)	149 cm (58.5 in.)	420 kg (925 lbs) 429 kg (945 lbs) with paper.
<i>Processor:</i> 87.6 cm (34.5 in.)	130 cm (51 in.) without removable print rack. 198 cm (78 in.) with print rack installed.	172 kg (380 lbs) 312 kg (471 lbs) with processing chemicals.
<i>Roll-to-roll Printer:</i> 102 cm (40 in.)	189 cm (74.5 in.)	510 kg (1125 lbs) 519 kg (1145 lbs) with paper.

#### Site Access:

Doorways to the site should be 91centimetres (36 inches) wide, or larger. The front and rear PRINTER FRAME DOORS, SHEET TRANSPORT MODULE DOORS, and the OPERATOR CONTROL PANEL (OCP) must be removed to move the PRINTER through a 36 inch doorway.

Minimum acceptable door size is 71.2 centimetres (28 inches). The enclosures, covers, and subassemblies for the PAPER SUPPLY MODULE, the KNIFE AND SHEET TRANSPORT MODULE, and the TAKE-UP MODULE† must be removed to move the PRINTER through a 28 inch doorway.

† Roll-to-roll system only.

#### Operator and Service Access:

When fully assembled, the system requires a minimum of 91 cm (36 in.) on each side to allow access for service and operator maintenance.

#### Floor:

The system should be installed on a smooth, hard, and level floor surface. Floor pitch should not exceed 1 inch in 5 feet.

### Operating Environment

The unit to be installed is an Insulation Catagory Type II machine and operates in a Pollution Degree 2 environment in accordance with IEC 664 ( Normal Office Environment ).

Description	Specification
Temperature*	15.5-26.6°C (60-80° F) for unplumbed systems 15.5-30° C (60-86° F) for plumbed systems
Relative Humidity	15-76%
Altitude	0-2000 metres (6562 feet)
Lighting	maximum of 325 lux ** (30.2 foot-candles)

\* Room temperature changes of more than 5 degrees during operation will require recalibration of the PRINTER.

\*\*Although the PRINTER and PROCESSOR operate in normal room lighting, access to a darkroom is required for loading paper into cassettes.

## Electrical Requirements

### Power

	<b>Voltage Range/ Frequency***</b>	<b>Power Consumption</b>
<b>Roll-to-processor</b>	<b>Printer:</b> 200-254V, 47-63Hz, 1phase, 15A <b>Processor:</b> 208-254V, 47-63Hz, 1phase or 3 phase**, 30A	Less than 9.12kVA.
<b>Roll-to-roll</b>	200-254V, 47-63Hz, 1phase, 15A	Less than 2.4kVA.

\*\* Phase selection must be completed by CES personnel.

\*\*\* Outside the U.S. and Canada, amperage for the PRINTER is 16A, and the amperage for the PROCESSOR is 32A.

### Note

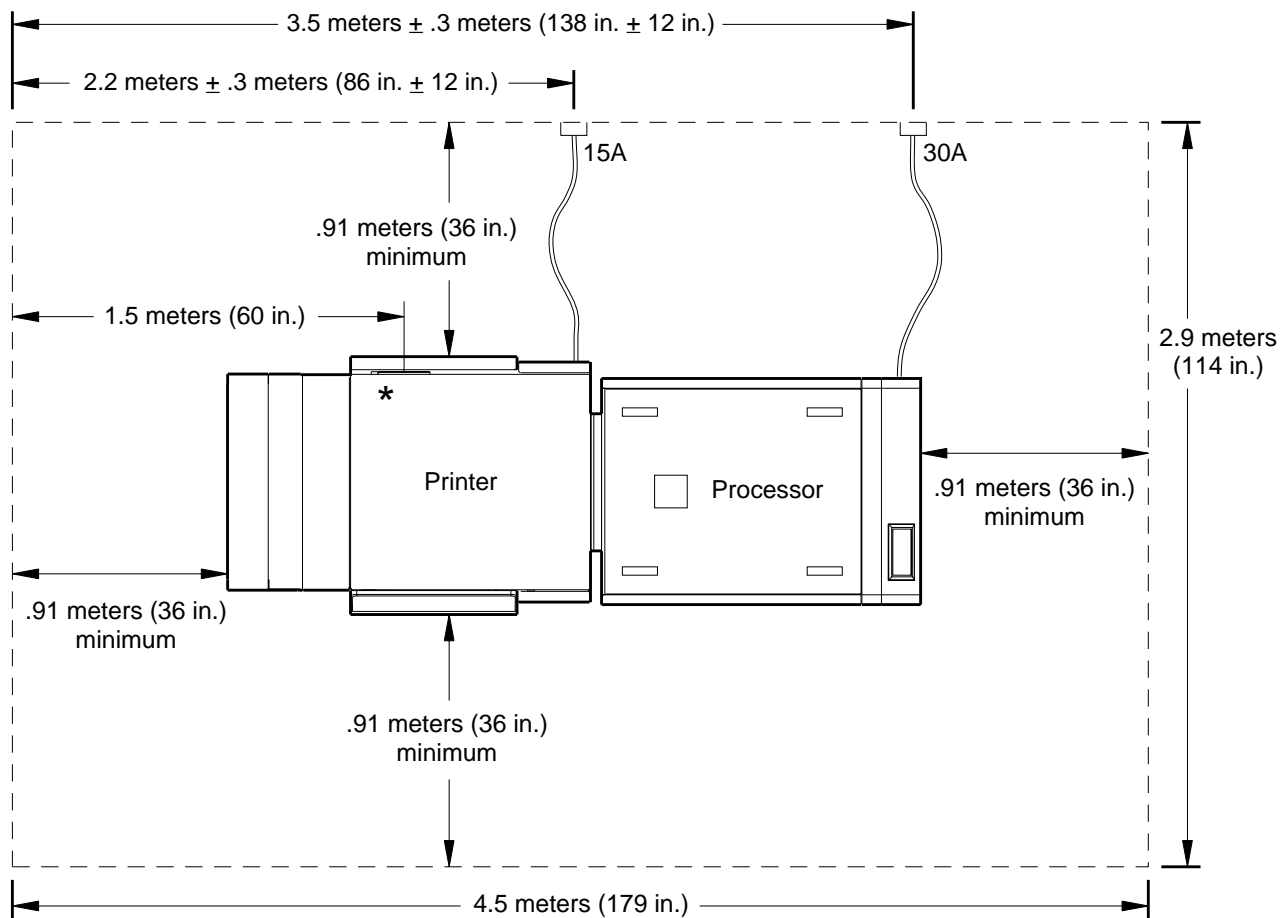
To prevent processor failures caused by power fluctuations, purchase a Square-D Buck and Boost Transformer (Model #500SV43F) EK Catalog #869-7799. Other transformers may not provide satisfactory results.

Within the US and Canada, the PRINTER is supplied with a 2.4-metre (8-foot) POWER CORD. The power receptacle must be located within 1.2 metres 30 cm (4 feet 1 foot) of the rear of the PRINTER. This power receptacle should be a dedicated line with a separate CIRCUIT BREAKER. The receptacle must accept a PLUG which conforms to NEMA N6/15 (printer plug specification). Outside the US and Canada, the region will supply the appropriate locally approved POWER CORD and PLUG. The POWER CORD should be certified and approved by a national test house.

Within the US and Canada, the PROCESSOR is supplied with a 2.4-metre (8-foot) POWER CORD which enters the cabinet from below. The power receptacle must be located within 2.4 metres 30 cm (4 feet 1 foot) of the rear of the PROCESSOR. This power receptacle should be a dedicated line with a separate CIRCUIT BREAKER. The receptacle must accept a PLUG which conforms to NEMA L6-30P (processor plug specification). Outside the US and Canada, the region will supply the appropriate locally approved POWER CORD and PLUG.

A PROTECTIVE EARTH GROUND must be supplied when installing the PROCESSOR.

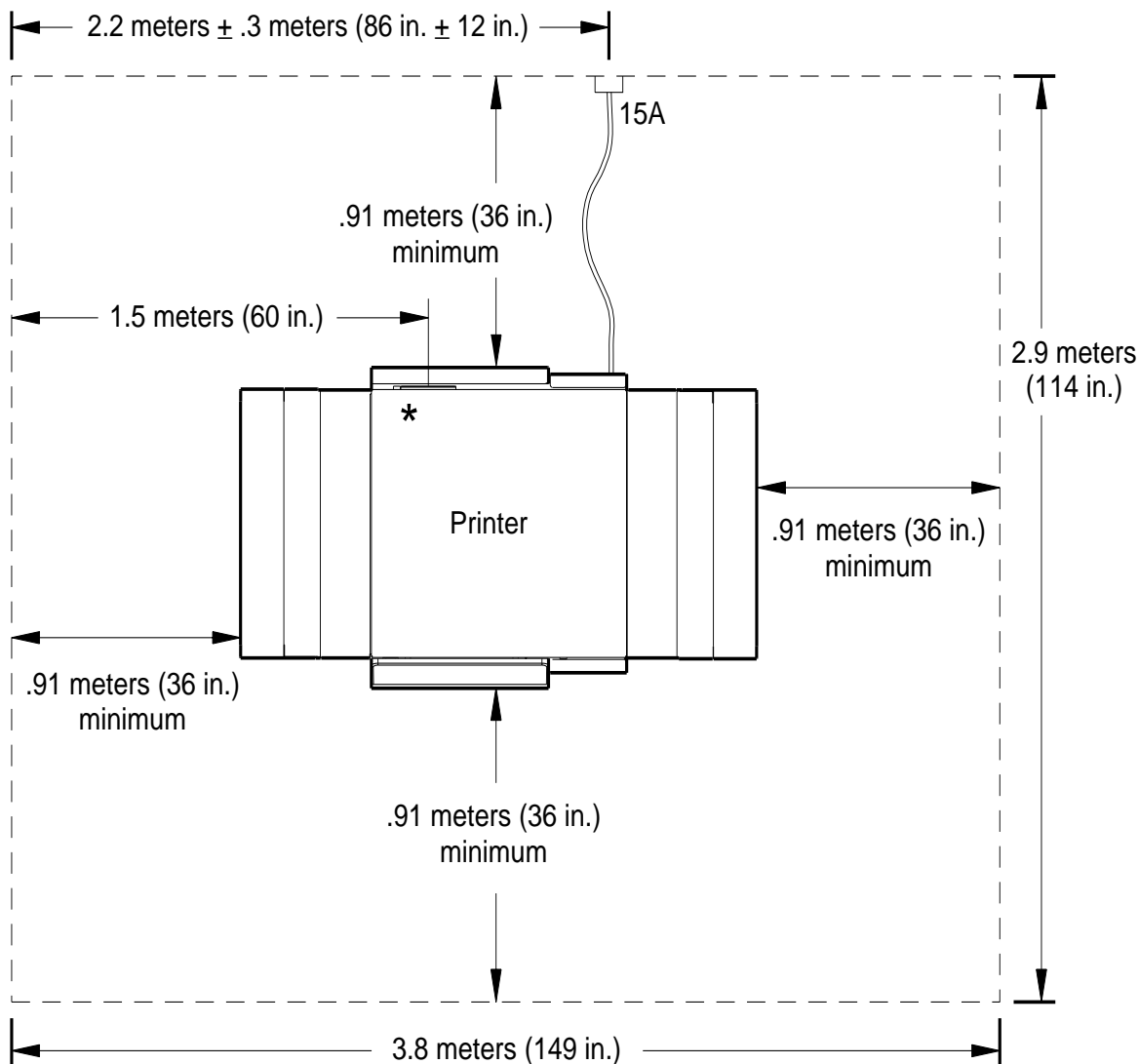
Space requirements for a roll-to-processor system



\* SCSI-2 connection from host here  
 External modem connection here

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Space requirements for a roll-to-roll system



\* SCSI-2 connection from host here  
 External modem connection here

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**SCSI Connection to Host Computer:**

The proper configuration of the SCSI-2 connection will depend on the distance of the host computer from the PRINTER.

A single-ended connection can be used if the total distance is less than 6 metres (19.7 feet). The customer must supply a SCSI-2 data CABLE (FAST 20 type) and a SCSI-2 TERMINATOR for single-ended connection. An active FPT type (forced perfect termination) SCSI-2 TERMINATOR is recommended.

A differential connection must be used if the distance is between 6 and 22.9 metres (19.7 and 75 feet). The customer must supply a SCSI-2 data CABLE and a SCSI-2 TERMINATOR for differential connection. A differential SCSI-2 TERMINATOR is required.

Switching from a single-ended to a differential SCSI-2 connection requires a reconfiguration of the FEE BOARD. Refer to the INSTALL INSTRUCTIONS for detailed information on how to do this.

Locate SCSI-2 CABLES away from any source of electrical interference (e.g. transformers, fluorescent light ballast).

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## Plumbing Requirements

### Water Supply:

Adequate water supply and drainage is the customer's responsibility, and must be installed to specifications by the customer before installation of the PROCESSOR begins.

A WATER SUPPLY PANEL for plumbed systems is available from Kreonite (WPS-A), and is recommended. Kodak will install flexible supply line to PROCESSOR and an electrical connection to the SOLENOID. The WATER SUPPLY PANEL should be wall-mounted within 4.9 metres (16 feet) of the rear of the PROCESSOR.

Technical support and warranty of WATER SUPPLY PANEL is the responsibility of Kreonite.

Water to a plumbed system must meet the following specifications:

Flow rate: 3.8-20 liters per minute (1-5 gallons per minute)

Temperature: Hot- 59 C (120 F) minimum temperature. Cold-27 C (80 F) maximum temperature. Practically, the water temperature should be adjusted to  $\geq 35\text{C}$  (95 F) to minimize the time necessary to bring the PROCESSOR to operating temperature.

### Waste Water:

A floor drain should be located convenient to the PROCESSOR.

The drain system should conform to local specifications for silver-laden bleach-fix, and stabilizer or waste water.

Kodak will install a flexible drain TUBE to the PROCESSOR. The customer will be responsible for connection of the flexible drain TUBE to a locally approved drain system.

In unplumbed systems, the PROCESSOR is supplied with 10-litre CONTAINERS for easy transport of waste to the site waste facilities. Waste CONTAINERS will be located under the PROCESSOR.

A sink, 61 cm (24 in.)wide or larger, located near the PROCESSOR, is recommended for use during cleanup.

## Venting Requirements

For a roll-to-processor system, 10 complete changes of air in the room per hour are required.

For a roll-to-roll printer, no venting is required.

## Other

**Telephone:** The customer must supply a telephone line (with RJ11C modular phone jack) within 3 metres (10 feet) of the PRINTER to allow remote diagnostic support via modem. A high-grade analog service line is recommended.

**Densitometer:** An X-Rite DTP-36 densitometer is strongly recommended for calibration of the PRINTER and for process control.

*Kodak* is a trademark.

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**Kodak Service & Support**