Pre-installation Guide

PlateWriter Infuse/XL

IMPORTANT

Please follow the instructions in this guide when preparing the installation site prior to arrival and installation of the equipment.

August 17th, 2026
Edition AC, Part No 10105529
English (en-us) Original version

(Blank)

About this manual

This manual applies to the Plate Processor **PlateWriter Infuse/XL** .

This manual is published by:
Glunz & Jensen A/S
Selandia Park 1
DK-4100 Ringsted
Denmark
Phone: +45 57 68 81 81
E-mail: gj@glunz-jensen.com
Internet: www.glunz-jensen.com

Copyright © August, 2026 by Glunz & Jensen A/S

Table of Contents

About this manual **3**
Table of Contents **4**
Introduction **5**
Reservations 5
Introduction 5
Notes, Cautions and Warnings! 5
Transportation **7**
When the equipment arrives 7
Storing of the equipment prior to the installation 7
The crate 7
Crate dimensions and weights 7
Checking the crate for damage 8
Handling the crate 8
Lifting the crate 9
Available doorway width for transport 10
Installation requirements **11**
Heating and ventilation 11
Cleaning facilities 11
Free space around the equipment 12
Dimensions 13
RIP workstation 14
Electrical requirements 14
Power outlet requirements 15
Power consumption 15
Main power connection 16
Power cables 16
Printer + RIP workstation (USA) 17
Printer + RIP workstation (rest of world; upon order only) 17
Finishing unit (USA) 18
Finishing unit (rest of world) 18
Checklist **19**

Introduction

Reservations

- This manual was written and illustrated using the best possible information available at the time of publication.
- Any differences between this manual and the equipment reflect improvements introduced after the publication of the manual.
- Changes, technical inaccuracies and typographic errors will be corrected in subsequent editions.
- As a part of our policy of continuous improvement, we reserve the right to alter design and specifications without further notice.

Introduction

The instructions in this Pre-installation Guide help the customer and the Service Technician to prepare the installation site for the arrival and installation of the equipment.

Notes, Cautions and Warnings!

Notes, cautions, and warnings in this manual are used and categorized as described below:

Symbol	Meaning	Explanation
	NOTE	The operator should observe and/or act according to the information in order to obtain the best possible function of the equipment.
	CAUTION	The operator must observe and/or act according to the information in order to avoid any mechanical or electrical damage to the equipment.
	WARNING	The operator must observe and/or act according to the information in order to avoid any personal injury.

(blank page)

Transportation

When the equipment arrives

Storing of the equipment prior to the installation

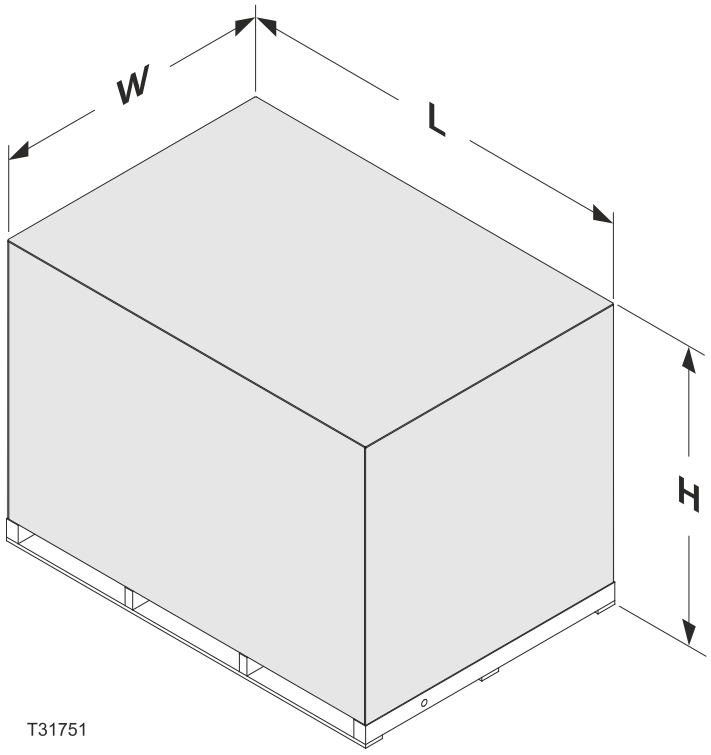
If the equipment is delivered before the scheduled installation, local storage must be arranged. An appropriate indoor storage facility for all the crates must be provided until the scheduled installation time. Store in a dry, safe, secure place away from excessive heat, cold, humidity & direct sunlight.

The crate

Crate dimensions and weights

Below are the dimensions and weights of the crates included with the delivery:

	L x W x H	Weight
PlateWriter system	820 × 1780 × 1050 mm (32.3 × 70.1 × 21.9") 1240 × 1940 × 555 mm (48.8 × 76.4 × 21.9")	159 kg 210 kg
PlateWriter XL system	2140 × 1485 × 1550 mm (84.3 × 58.5 × 61.0")	390 kg



Checking the crate for damage

Upon receipt of the machinery, check if the crate is damaged on delivery at the customer's address. Make notes of any damages, before opening the crate. Provide a detailed description and take a photograph of the damage.

Report any damage of the crate to the shipping company and notify the insurance agent, if appropriate, before the mishandled package is open.

Check the Tilt watch and the Shock watch label that the red mark has not appeared and compare their serial numbers with those on the box label whether they match.

Handling the crate

The icons on the crate indicate how to handle the crate during transport and storage:

Ensure that the side indicated by the arrows is always up.

Handle the crate with care

Never expose the crate to water, or place it in a high-humidity area.

Do not stack the crates.

Do not tilt the crate.

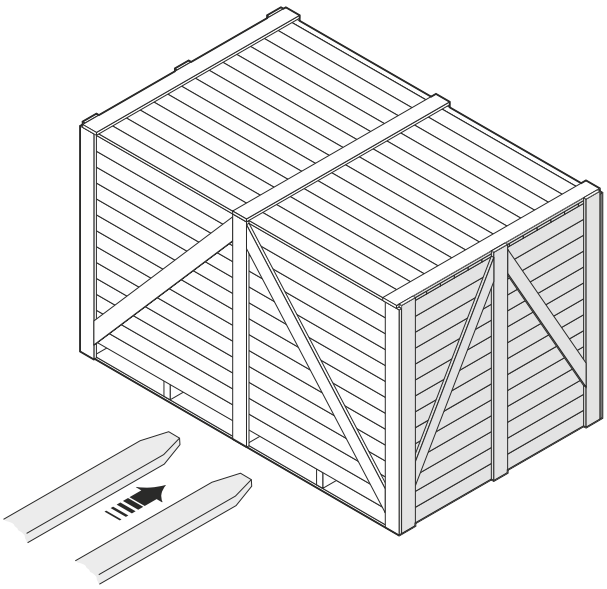
Lifting the crate

The equipment is supplied in a wooden crate on a pallet.

A forklift truck or two persons and a hand powered pallet mover are required for lifting the crate on arrival and for lifting the equipment off the pallet.

WARNING: The equipment is very heavy.
It is only possible to lift the equipment off the pallet using a forklift truck or a pallet mover.

CAUTION: Make sure to provide a forklift designed and adequate for lifting a crate of the size and weight as specified in this manual.



Available doorway width for transport

The PlateWriter Infuse/XL is shipped partially disassembled in one crate.

If the width of the door through which the processor have to be transported to the installation site are too narrow (less than 1550 mm (61.0"), you will have to unpack the crate and transport all parts to the installation site separately.

NOTE: Two or more persons are required for this operation.

NOTE: The Print Engine weighs approx. 84 kg (185 lbs).

NOTE: Take care not to pull or damage pumps, cables or hoses, etc.
Avoid laying Finishing unit flat on floor so not to damage or crack the black plastic Gum tray underneath the Finishing unit. Use some support underneath!

Installation requirements

WARNING: The equipment must be installed in restricted access locations only.

WARNING: This equipment is not suitable for use in location where children are likely to be present.

Heating and ventilation

Provide a heat and ventilation system capable of maintaining room temperature between 20°C (68°F) and 24°C (75°F) and a relative humidity (non condensing) of min. 40% and max. 80%.

For heat emission see "Power consumption" on page 1.

Cleaning facilities

It is essential to have easy access to a sink and a water tap with hot water for cleaning purposes.

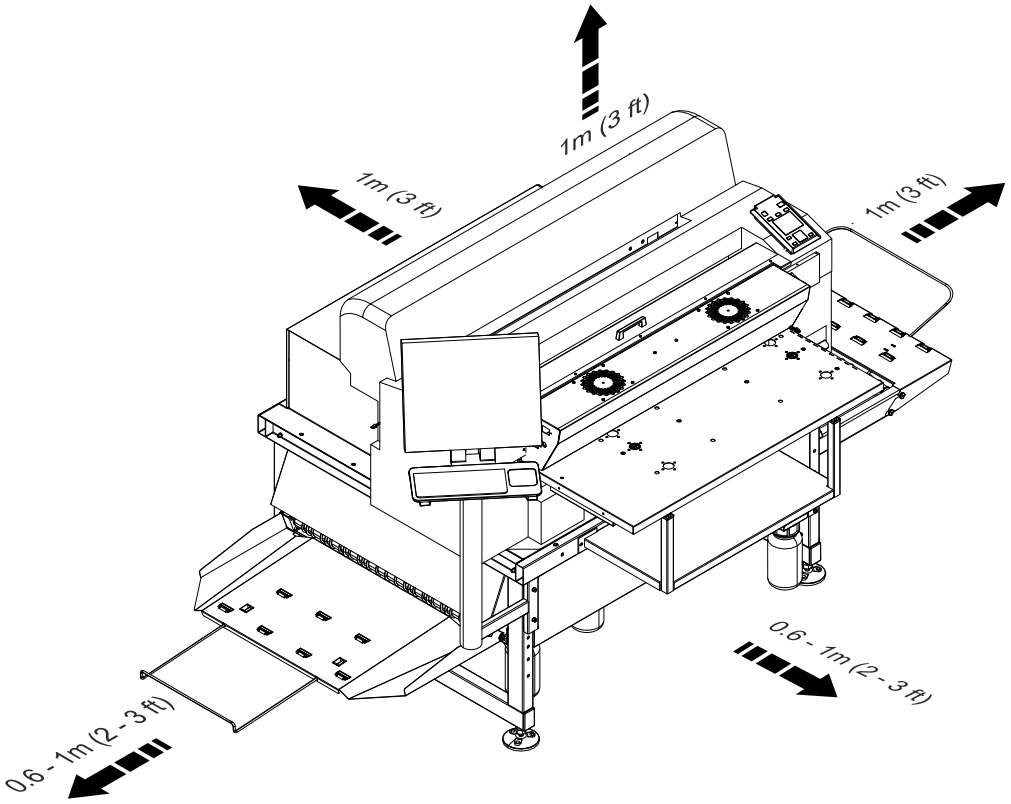
	Minimum recommended size of the sink
PlateWriter Infuse/XL	90 × 40 cm (35.4 × 15.8")

Free space around the equipment

Decide where to place the unit and make sure that the free space around it makes operation and servicing possible.

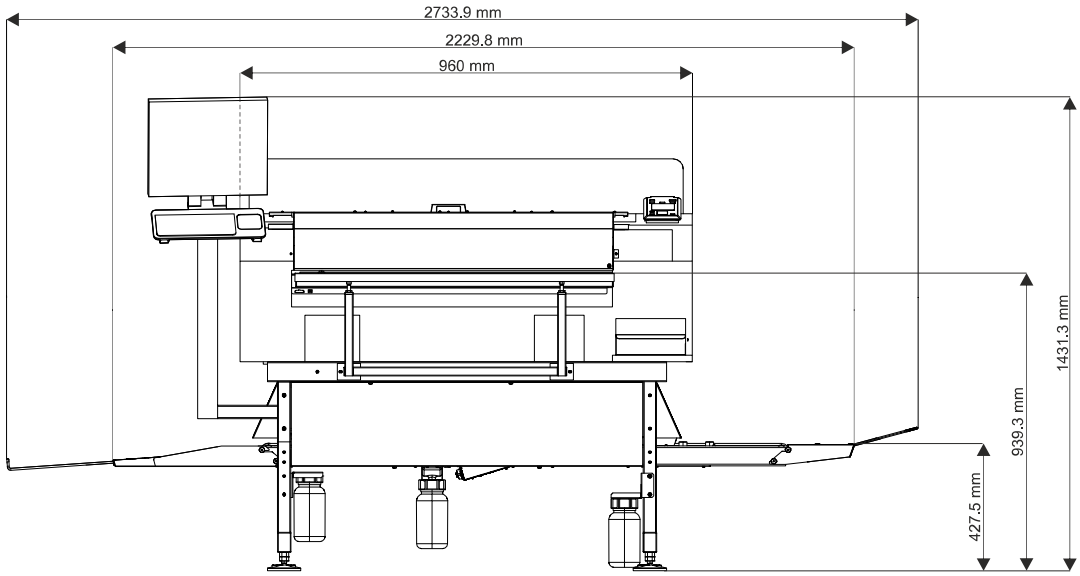
Be aware of the following:

- **Liquid Dot** cartridges need to be replaced on each side of the unit.
- Access to cables is required on the right side of the unit.
- Plates are loaded onto the input table from the rear right of the unit.
- After imaging, the plate is placed onto the finishing unit' s transport belts from the lower front of the unit.
- After finishing, the plate is removed from the finishing unit's exit tray at the lower back of the unit.

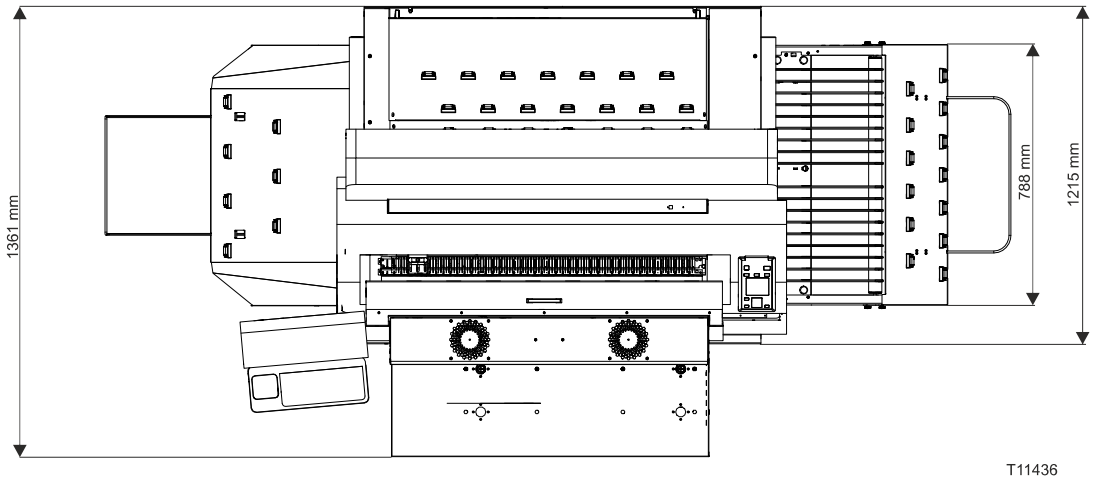


Dimensions

Side view



Top view



RIP workstation

Location

The RIP workstation is placed in the bracket under the input table from the imaging unit and need to be connected using the enclosed USB-cable.

Network connection

If the RIP workstation is going to be connected to a local network (LAN) make sure to provide a network connection nearby.

Electrical requirements

WARNING: Electrical installation, all cabling and cabling connections, fusing and isolation must conform to local and/or national regulations and guidelines.

In addition to the general safety precautions mentioned in the Safety Instruction Manual, please also observe and act according to the warning labels mounted on the equipment itself:

Label	Description	Label	Description
	High Voltage		Risk of hand injury (gear drives)
	Risk of hand injury		Risk of hand injury (rollers)
	Risk of foot injury		Risk of injury from rotating parts
	Risk of burns from very hot surface		Risk of crushing due to e.g. heavy equipment
			Maximum load (e.g. lift)

Power outlet requirements

If not already present, main power outlets should be installed in the room where the unit will be situated. Max. distance to the machine 2 m (6 ft.).

WARNING: The equipment is Class 1 equipment. Therefore, the equipment must be connected to earth to avoid electrical shocks. It is recommended to use a lockout type power switch for the electrical connection.

WARNING: These units require a short circuit protection device in the building installation as specified below.

CAUTION: The requirements below are specifications for preparing the installation protection. It is important to prepare the fuses or circuit breakers with adequate capacity as specified here.

NOTE: Specification on the unit's name plate is the actual input current and will thus not be identical to below mentioned.

	Unit	Supply/fuse
EUR	Printer unit	Single Phase, 1W+N+PE, 230 V, 50 - 60 Hz Fuse: Max. 16 A, type D01, gL/gG, interrupting capacity 50 kA
	Finishing unit	Single Phase, 1W+N+PE, 230 V, 50 - 60 Hz Fuse: Max. 16 A, type D01, gL/gG, interrupting capacity 50 kA
	RIP workstation	Single Phase, 1W+N+PE, 230 V, 50 - 60 Hz Fuse: Max. 16 A, type D01, gL/gG, interrupting capacity 50 kA
USA	Printer unit	Single Phase, 1W + N + PE, 115 V, 50 - 60 Hz Fuse: Max. 20 A, class G or CC branch circuit, interrupting capacity 100 kA
	Finishing unit	Single Phase, 2W + PE, 230 V, 50 - 60 Hz Fuse: Max. 20 A, class G or CC branch circuit, interrupting capacity 100 kA
	RIP workstation	Single Phase, 1W + N + PE, 115 V, 50 - 60 Hz Fuse: Max. 20 A, class G or CC branch circuit, interrupting capacity 100 kA
All	Voltage tolerance ± 10%	

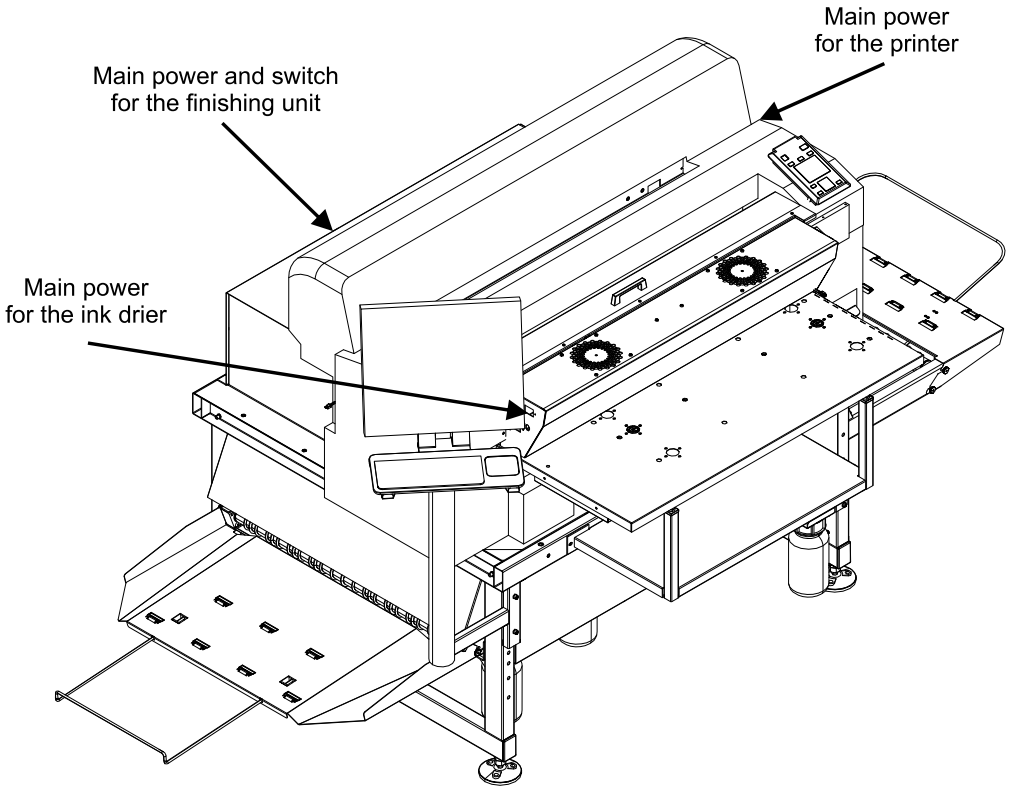
Power consumption

	Mode	Imaging unit	Finisher and ink dryer
EUR/USA	Stand by:	approx. 175 BTU/hour	approx. 170 BTU/hour
	Operation:	approx. 175 BTU/hour	approx. 7100 BTU/hour

Main power connection

The PlateWriter system requires three main power connections, one for the PlateWriter itself, one for the finishing unit, and one for the RIP workstation.

The PlateWriter main power inlet is located at the right side of the equipment and finishing unit main power inlet is located at the rear side under the equipment (see illustration below).



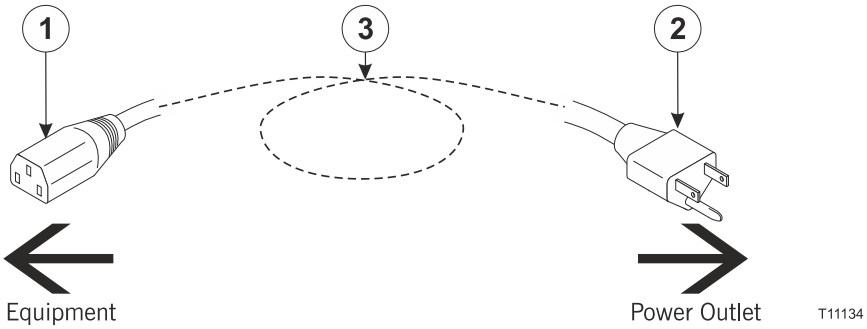
Power cables

NOTE: The equipment is delivered with the power cables required for the installation (USA only, the cable for outside the USA must be ordered separately).

If, for some reason, you decide to use cables others than those supplied, make sure that they conform to the directions given below.

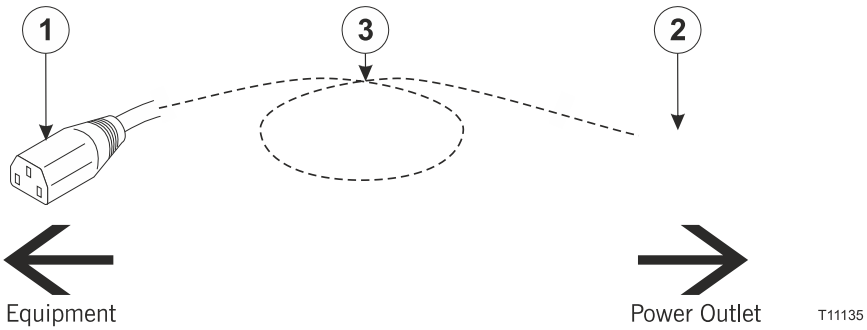
CAUTION: If you are replacing a plug, be aware that the yellow/green conductor may only be connected to a terminal marked ⏚ or ⏚ .

Printer + RIP workstation (USA)



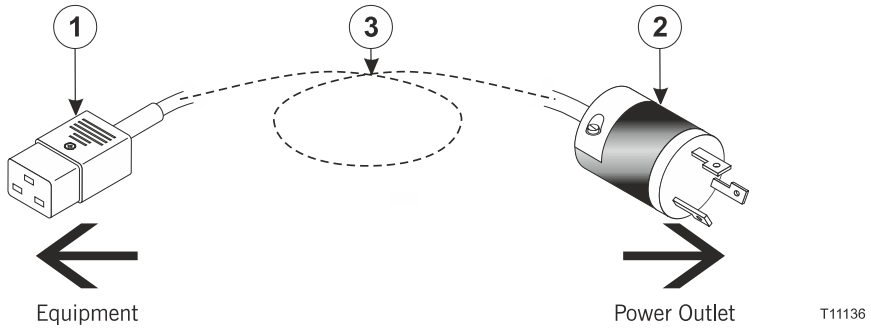
1. Appliance coupler (IEC 60320).
2. Plug type NEMA 5-15P.
3. Cable min. 3 × 14 AWG, type SJT or harder service.

Printer + RIP workstation (rest of world; upon order only)



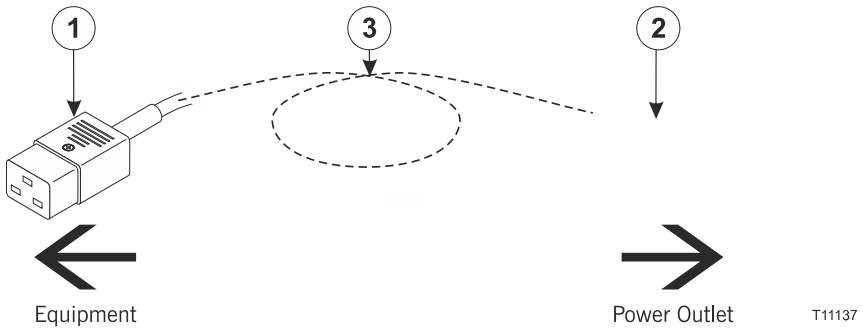
1. Appliance coupler (IEC 60320).
2. Plug type may vary.
3. Cable min. 3 × 14 AWG, type SJT or harder service.

Finishing unit (USA)



1. Appliance coupler 16 A (IEC 60320)
2. Plug type NEMA L6-15P, 230 VAC, 15 A.
3. Cable min. 3 × 14 AWG, type SJT or harder service.

Finishing unit (rest of world)



NOTE: A connector plug only included with the maintenance kit when the country of installation is specified upon order.

29759, Cable, maintenance kit, Europe

29760, Cable, maintenance kit, UK

29761, Cable, maintenance kit, Denmark

29762, Cable, maintenance kit, Italy

29763, Cable, maintenance kit, Switzerland

NOTE: When deciding what type of cable to use, take into account the mechanical resistance (operator may step onto cable).

The conductors in the power supply cable should be of copper.

Provide for additional cable protection, e.g., cable covers, if cable is exposed to heavier transport such as fork-lift trucks etc.

Checklist

The customer should answer the following questions in order to ensure a trouble-free installation of the equipment and send the completed pre-installation checklist to the service technician who is responsible for coordination of the installation.

		YES	NO
1.	**Delivery of the crate and transport to the installation site**		
A.	Is there a place indoor where the crated equipment can be stored temporarily?	o	o
B.	Is there a hand-powered pallet mover, a forklift truck or any other lifting device available? Please refer to "Transportation" on page 7.	o	o
C.	Can the crate be transported directly to the installation site? See "Required width of passage and doorways" on page 1.	o	o
D.	Is it necessary to unpack the equipment before it is transported to the installation site? See "Required width of passage and doorways" on page 1.	o	o
E.	Are there other factors (stairs, elevators, corners, obstacles, etc.) which should be taken into account when transporting the equipment? If YES, please describe: _____ _____	o	o

		YES	NO
2.	**Power supply**		
A.	Make a note of the present supply specifications: Number of phases: _____ Neutral wire? o Voltage (V): _____ Earth wire? o Fused by (Amps): _____ Frequency (Hz): _____		
B.	Has a suitable, isolated connection box been provided to connect the equipment to the mains?	o	o
C.	Has the customer provided/ordered all supplies (cables, fuses, etc.) necessary to connect the equipment to the mains?	o	o
D.	Is there a house electrician available?	o	o
E.	Are there any known problems in the building where the equipment will be installed? If YES, please describe which: _____ _____	o	o

3. **Comments and questions**