



KONICA MINOLTA

TECHNOLOGY

Version 1.0

EFI H1625 LED Customer Expectation Guide

wide format



Giving Shape to Ideas

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Imagine the Possibilities:

- Day/Night Backlit Displays
- Display Graphics
- Exhibition Graphics
- Indoor Signage
- Long Term Outdoor Graphics
- Photographic Reproduction
- Point-of-Purchase Graphics
- Posters

Seize the opportunities of LED hybrid printing.

The EFI H1625 LED is a mid-level production printer that prints on various substrates, which opens the door to unique and creative opportunities. The EFI H1625 LED is a 65-inch (1.6m) wide hybrid LED UV inkjet printer that offers superior image quality, low total cost of ownership, and access to the widest range of rigid and flexible substrates at production speeds. This environmentally friendly printer produces minimal VOC levels, uses less power, has fewer consumable parts, and less waste.

This expectation guide will take you through the following:

- Performance and Maintenance Expectations
- Bringing your EFI Printer Home
- Getting to Know Your Equipment
- Requesting Service or Ordering Consumables/ Supplies
- Service offerings

Konica Minolta strives to create an environment of teamwork and partnership with all of our customers. We are here to assist you in every facet to ensure you are getting the most from your EFI H1625 LED wide format printer. Any special needs you may have will be discussed and worked on jointly.



Substrate and Material Media Types

The EFI H1625 LED Hybrid printer opens the door to the use of many types of substrates. Some of the substrates that can be used are:

- Foam Core
- PVC
- Styrene
- Corrugated Plastic
- Plywood
- MDO
- MDF
- Aluminum
- Cardboard
- Paper
- Acrylic
- Plexiglass

EFI H1625 LED Performance Expectations

The EFI H1625 LED can handle up to 1.5 shifts (12 hours) per production day and a recommended max of 30,000 square feet per month. Performance of the printer will be highly dependent on the operator that will maintain the product on a daily, weekly, monthly and quarterly basis with various tasks to ensure maximum performance and print quality.

The printing speeds are dependent upon mode and substrate being used. The printing speeds are as follows:

Mode	Square Ft/Hr	Square Meters/Hr
Ultra Quality	80	7.4
High Quality	133	12.4
Quality	247	23
Express	458	42.3

Note: White printing, one-half CMYK speeds.

Maximum rigid media thickness is 2 inches (4.6cm) and maximum weight is 100lbs (45.4kg). Maximum media specs are below:

Roll Media Parameter	Value : Imperial [Metric]
Media Roll Core, inside diameter	2" [4.5cm]
Roll Max. Diameter	9" [23cm]
Sheet Media Parameter	Value : Imperial [Metric]
Sheet Width, Max.	64" [163cm]
Sheet Thickness, Max.	2" [4.5cm]
Max. Sheet Weight	100 lbs [45.4kg]

Receiving your EFI H1625 LED Printer

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Site Selection

Proper site selection plays a vital role in how your EFI H1625 LED printer will perform. After you have chosen your site for the printer, a Konica Minolta Service Professional will work with you to verify that it is the ideal location for your new printer.

The location selected for your EFI H1625 LED printer will need to be on a concrete floor surface. The floor surface will need to adequately support the weight of your printer. The EFI H1625 LED printer should be located in a clean, dry, and air conditioned room, with proper air flow. Placing the printer in any other environment could have adverse effects on the long term functionality of this equipment. For product specifications please see the appendix in this document.

Delivery of EFI H1625 LED Printer

Before the delivery of your EFI H1625 printer, there are a few questions that need to be considered. Some of those questions are:

- Is there a loading dock?
- Forklift truck available?
- What is the height and width of entrance?
- If there is no loading dock, are there two forklifts?
- Is the printer going to be installed above ground level?

(For a full list of the delivery requirements, see the Site Readiness Survey document.)

Your Konica Minolta Service Professional and Direct Logistics Team Member will be working closely with you during this period. Expect a visit at minimum of at least two weeks prior to the scheduled delivery date of your EFI H1625 LED printer to conduct a final inspection of the following:

- Perform a final inspection of the installation site
- Verify that a Certified License Electrician is available at the time of installation.

After the Konica Minolta Site Survey visit, it will be determined whether your facilities, onsite equipment and personnel can accept delivery without any assistance. If third-party rigging is determined to be necessary, Konica Minolta will inform you. Konica Minolta will assist with any third-party rigging involvement with a local broker to coordinate delivery and third-party rigging. Quotation for rigging will be provided by third party and the customer's responsibility for payment.

On the day of delivery, make sure the route between the delivery door and installation site is clear of all obstructions.

Physical Installation

Once the EFI H1625 LED printer has been delivered to the installation site, the Konica Minolta Service Professional will conduct the following prior to installation:

- Inspect your printer for damage that might have occurred during transportation.
- Position the machine into the predetermined location and join the printer and accessories (if applicable) together.
- Install starter consumables, parts, and accessories.
- Verify with the Licensed Certified Electrician that correct power has been installed at the agreed upon location.

Installation will take approximately 16 man-hours to install the EFI H1625 LED printer and Fiery XF RIP.

Connectivity and Fiery XF RIP

After the physical installation of the printer the Konica Minolta Service Professional will:

- Insure your printer is connected to the network
- Install Fiery XF RIP, which comes with the EFI H1625 LED Printer
- Install Fiery XF Client software on one client work station, if needed
- Update the printers firmware if needed

The Fiery XF RIP for EFI Wide Format includes:

- Fiery XF server software for an unlimited number of Mac/Windows clients
- Spot Color Option
- EFI Wide-Format Printer Option

There are other software packages available to install on the Fiery XF RIP. Konica Minolta will help you select the appropriate software package for your application.

Operator Training

Upon completion of the installation, a Konica Minolta Service Professional will provide training for your personnel. The person or persons within your organization who we train are called “key operators”. There is a substantial amount of Operator Training that will be provided by your Konica Minolta Service Professional. Complete operator training will take up to 3 days.

Any advanced training on Fiery XF RIP software platform or any associated options beyond initial operator training may require additional chargeable Konica Minolta or EFI professional services. If you have any special training requirements or are unsure of your training needs, please discuss them with your Konica Minolta Sales representative.

Please see Appendix area of this document for a detailed training agenda for your EFI H1625 LED Printer.

Powerful Wide-format RIP.

Fiery XF is scalable and configurable, so it can grow with your business and your needs. A range of configurations gives you the best fit for a variety of production scenarios. Perfect for inkjet production customers with an EFI wide-format printer and no need for custom profiling.



Getting to Know Your Equipment

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Service and support to get you up and running.

You won't really get to know your equipment until it reaches your location and is installed. The first month or so may require more attention from Konica Minolta and some patience on your part.

During the first 45 days you can expect a possible onsite service visit from our Konica Minolta Service Professional. Some of the most common reasons that onsite service is needed during this period are due to:

- Fine tuning adjustments
- Learning curve of the equipment which may result in operator induced service visits
- Additional Training



Expert maintenance and operation for the EFI printer.

The EFI H1625 LED requires consistent operator maintenance. This includes replacement or use of consumable items, such as filters, solvent flush, antifreeze coolant, ink and waste container and wipes. Very much like a traditional offset press operator, the EFI H1625 LED printer requires hands-on expertise and maintenance from the trained operator. If the proper procedures are not followed, the printer's functionality and performance may be affected.

There are many tasks that are performed by the operator to enhance the performance of your EFI H1625 LED Printer unit, along with procedures that are covered in the initial operator training. You will find a complete listing of operator maintenance tasks located in your EFI H1625 LED Printer Operations Guide and Maintenance Guide.

EFI offers a comprehensive web portal for their EFI printer's which contains such information as:

- Best practices
- Instructional Guides to enhance performance
- Fiery XF Software information
- Instructional Videos

Access to the EFI Inkjet Support web portal is available by going to:

<https://inkjet.support.efi.com/index.php>

If you are logging into the web portal for the first time, you will have to create an account. (You will need the serial number of your printer to create an account).



Help Desk Support

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To place a request
for service or to
order consumables,
please call or visit:

1.800.456.5664
www.mykmbs.com

**NOTE: Please have your Eight Digit
Equipment ID and/or Serial Number
ready prior to calling.**

Requesting Service.

If you are experiencing an issue, here are a few things to check before calling for service:

- See user manual for possible troubleshooting
- Ensure all recommended maintenance items are current
- Visit the EFI Web portal at <https://inkjet.support.efi.com/index.php>

If you are unable to resolve the problem:

Our Client Services Desk (CSD) will take your information and create a service notification. This notification number will be given to you and will be your identification for this request.

Your request will then be directed to our Help Desk Support Team and a return phone call will be made same business day. Our Help Desk Support Team will gather information needed to determine the best path to resolution. There are a few items to be prepared with when calling for Support such as:

- Details of the concern
- Sample printing data files that you may be having a concern with
- Details regarding the media/substrates being used for printing
- Physical observation of your device condition and operation

Many operational issues can be resolved via remote support and recommendations made by our KMBS Help Desk Support Team. All your requests are logged and followed up on until closure of the concern. In the event it is determined that on-site response is needed by one of our Field engineers, the visit will be scheduled based on your needs and technician availability. Please expect onsite response within 2 days of the initial request if determined. Labor Charges will apply for onsite support.

Our Help Desk Support Team can be reached:

Monday through Friday / 8:00 A.M. thru 5:00 P.M. EST
1.800.456.5664 | www.mykmbs.com



Requesting Consumables

You wouldn't want to run out of supplies at the most inopportune time. Having a procedure to check and order supplies can help you avoid this situation. Allow approximately three to five working days for delivery after placing an order. Depending on stock availability and location, common items may ship the same day. Non-common items will ship as soon as they are in stock. For an additional cost you can arrange to receive them sooner.

If you need to order materials such as filters, flush, waste can, etc., please provide the following when calling or ordering supplies online:

- Item name
- Quantity Desired
- Method of payment – Credit terms agreed upon with Konica Minolta

See Appendix for a complete listing of consumables available for your EFI H1625.

Konica Minolta strives to address your needs and concerns promptly. If at any time a problem, question, or concern arises which needs immediate attention, please notify your local Konica Minolta Representative.



Storing Ink

UV-curable ink has a shelf life of 12 months. Rotate ink using the oldest stock first to avoid ink loss due to expiration. The expiration date is on the outside of each container. Dispose of expired ink in a manner consistent with local regulations. UV-curable ink containers must be stored in an environmentally controlled area that is both dark and well ventilated. Extended exposure to light and intense heat may cause ink quality degradation.

CAUTION: Never store UV-curable ink in close proximity to oxidizing agents.

Service Offerings from Konica Minolta

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Service Plans

Service Offerings	Service Plan	T&M Option
EFI Wide format models	H1625 LED	Any
Monthly Fee	\$630	N/A
Included Sq. Ft. Usage	Unlimited	N/A
Overage Sq. Ft.	None	N/A
Zone Fee	See Schedule	N/A
SLA	See Schedule	Next day, best effort
Coverage	Labor and parts	N/A
Helpdesk Support	Unlimited	\$180 per event
On-site Support visits	Unlimited	\$135/hr. Plus travel
Repair Parts¹	Covered	Time & Materials
Ink Discount²	18% off list	List Price
Manufacturer Printer Warranty	12 months Parts Warranty including Print Head	12 months Parts Warranty including Print Head
Replacement Printhead Warranty	90 Days from purchase	90 Days from purchase
Misc. Consumables³	KM Discount list	List Price
Ink bulk discount⁴	Yes	N/A
Post Sale Professional Services	\$160/hr. Discounted Rate	\$200/ hr. Standard Rate

¹ Excludes UV Lamp – Expected lifetime of 10,000 hours of operation

² Ink includes cyan, magenta, yellow, black and white

³ Misc. consumables include filters, cleaning materials and tools

⁴ See your Konica Minolta account representative for bulk ordering discount pricing

Konica Minolta is offering a comprehensive service plan for EFI H1625. The service plan features a flat monthly fee with no minimum print requirements or overage charges — print all you want without additional service fees!

Additionally, a time and materials option is available if you choose not to elect a service plan.





Monthly Base

Covers replacement for non-consumable parts, unlimited helpdesk access and unlimited on-site support. You are protected in the event there is a failure of critical electronics, power supply and logic boards, in addition to catastrophic mechanical failure.

Zone Fee

Based on the location of the customer from the service area a flat monthly fee and associated service level agreement (SLA).

Unlimited Helpdesk & On-Site Support

Konica Minolta will be here to support you via phone or on-site to restore operation of your device and get you back to work.

Discounted Professional Services

Where professional services are requested outside the covered services, Konica Minolta will provide a quote based on request, services offered at a discounted hourly rate. These services can include additional end-user training, advanced workflow or job consulting.

Service Plan Benefits

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Simple Service Pricing Structure

Flat rate plan to simplify your operation costs. The more you print the lower your effective service cost per ft. becomes.

Maximum Flexibility Across Customer Applications

Service Plan does not require you to track different monochrome or color print applications. As your job mix changes the support plan stays with you.

Lower Cost per Sq. Ft. with Discounted Aftermarket Items

Discounted pricing of inks and replacement UV LED lamps to reduce your effective cost per sq. ft.

One Source for Supplies

Konica Minolta provides phone and online ordering for consumable. They are stocked in Konica Minolta warehouses, shipping to the customer daily with order tracking and delivery information available for inquiry



Selecting a Service Option

Customers that have critical SLAs and require top output quality will benefit from a comprehensive service plan from Konica Minolta. Especially for production customers like Repro houses or Print for Pay Centers who have demanding customer jobs to produce. The more printing you do lowers your service cost per sq. ft. Customer have additional piece of mind knowing Konica Minolta is there in the event of a catastrophic failure - your investment in the device is protected against unforeseen electrical or mechanical failures.

For customers who have less stringent output requirements and a higher risk tolerance choose to elect a time and material option. Careful analysis of your expected print volumes and budgetary considerations will need to be reviewed. Please work with you Konica Minolta sales rep to review which option is going to be the best fit for your business.

Zone Service Coverage

Service Zone Miles to Customer	Fee Per Month	SLA
0-25	\$ —	Next Business Day
25-50	\$25	Next Business Day
50-75	\$75	2nd Business Day
75-100	\$125	2nd Business Day

Note: Service zone is based on proximity to nearest Konica Minolta support location, coverage is subject to availability and special situations will require approval of Konica Minolta service management.

24/7

Customer may request support from Konica Minolta 24/7 using a toll free 800 number or via MyKMBS.com. A Konica Minolta expert helpdesk engineer will work with the customer to gather information needed to determine the best path to resolution. The customer is expected to provide details including print data files, information about materials being used and physical observation of device condition and operation.

Many operational issues can be mitigated via remote support and the recommendations made by the Konica Minolta helpdesk. The customer request will be logged and a helpdesk engineer will respond right away or place a call-back to the customer during business hours (M-F/8-5).

In the event an on-site service technician is needed to resolve the problem, the visit will be scheduled based on customer and technician availability and within the scope of the Service Level Agreement based on the coverage zone. The agreement includes unlimited helpdesk and on-site support.

Repair parts (Excluding UV lamps) that require replacement will be provided by Konica Minolta for devices covered under this agreement at no charge to the customer. This excludes part failures that are the result of improper operation, installation or environment.

Also excluded from the Service Plan are 'consumable' items that are expected to expire or wear out over time and are typically replace as part of customer maintenance.

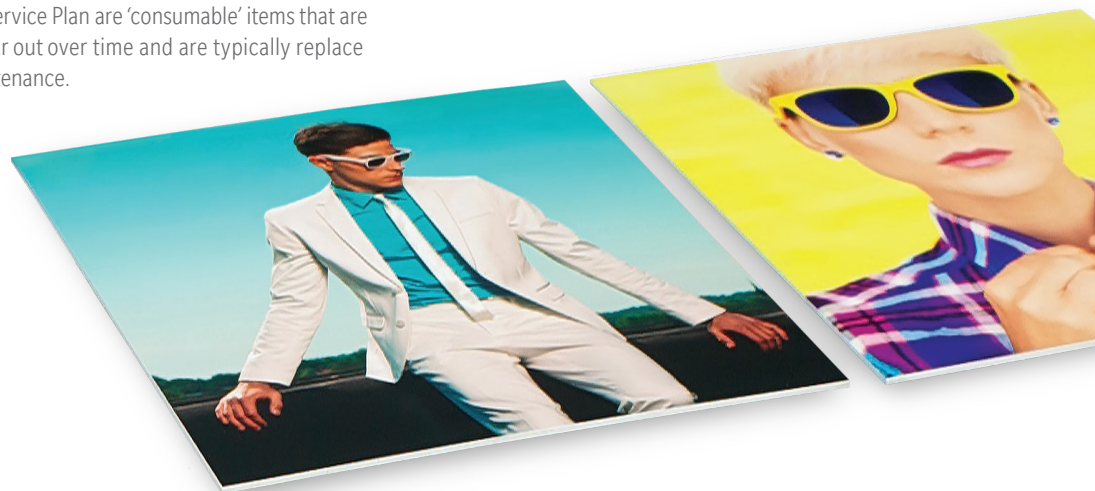
Time and Materials Option

Konica Minolta will support the customer on a 'time and materials' basis. Remote and on-site support will be billed according to published rates. Replacement parts will billed at time of install, Konica Minolta will attempt a warranty claim on behalf of the customer, if applicable. The customer will be credited the full amount when/if vendor issues a credit to Konica Minolta.

Warranty Information

Replacement Print Head Warranty
Period: The applicable warranty period for replacement print heads installed in Equipment by Konica Minolta shall be ninety (90) days ("Print Head Warranty Period") from the installation date of the print head in the Equipment. During the Print Head Warranty Period, Konica Minolta's sole obligation shall be to replace the defective print head or provide Customer a credit, in Konica Minolta's sole discretion.

MyKMBS.com



Warranty Information

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EFI H1625 LED Printer First Year Parts Only Warranty

Limited Warranty

Konica Minolta provides the following limited warranty to the original end user of the Equipment purchased from Konica Minolta:

Warranty Coverage

The applicable warranty period for Equipment other than UV bulbs shall be twelve (12) months (“Equipment Warranty Period”) from the installation date of the Equipment at Customer’s designated location. During the Equipment Warranty Period, Konica Minolta warrants that the Equipment (other than UV bulbs) shall materially conform to the applicable specifications set forth in the documentation provided to Customer at the time of installation (“Specifications”). During the Equipment Warranty Period, Konica Minolta’s sole obligation under this warranty shall be the repair or replacement of parts or components of the Equipment (other than UV bulbs), that fail to materially conform to the Specifications, as determined by EFI (the manufacturer) in its reasonable discretion. Konica Minolta, at its option and in its sole discretion, will repair or replace such parts or components with new, used or refurbished parts or components. During the Equipment Warranty Period, (i) replacement of print heads is limited to one print head per channel, if needed, and (ii) for UV printers, replacement of the media transport belt is limited to one replacement, if needed, and the belt must be installed by a Konica Minolta Field Service Engineer. Customer is responsible for the costs of any additional print heads or media transport belts at Konica Minolta’s then current pricing. Konica Minolta has no obligation with regard to other consumables or disposables or clogging or any damage or failure of print heads that results from operator error (e.g., head strikes). EFI shall pay all freight charges, duties and taxes, both for shipment of parts and components to EFI for repair or replacement, and the return shipment from EFI to Customer. Following the expiration of the applicable warranty period, Konica Minolta shall have no obligation to repair or replace Equipment, print heads, parts or components, as applicable, or provide any services with respect to the Equipment, unless otherwise specifically agreed to in writing by Konica Minolta.

Replacement Print Head Warranty Period:

The applicable warranty period for replacement print heads installed in Equipment by Konica Minolta shall be ninety (90) days (“Print Head Warranty Period”) from the installation date of the print head in the Equipment. During the Print Head Warranty Period, Konica Minolta’s sole obligation shall be to replace the defective print head or provide Customer a credit, in Konica Minolta’s sole discretion.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE WARRANTY AND REMEDIES EXPRESSLY SET FORTH IN THIS PURCHASE AGREEMENT ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES AND REMEDIES, ORAL OR WRITTEN, EXPRESS OR IMPLIED, AND CUSTOMER SPECIFICALLY DISCLAIMS ANY SUCH WARRANTIES AND REMEDIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTIES ARISING FROM COURSE OF PERFORMANCE, COURSE OF DEALING OR USAGE OF TRADE. THERE IS NO WARRANTY OR REPRESENTATION REGARDING NON- INFRINGEMENT, TITLE, OR THAT THE OPERATION OF THE EQUIPMENT WILL BE ERROR- FREE, UNINTERRUPTED, OR FAULT-TOLERANT.

Exceptions

THE FOREGOING LIMITED WARRANTY DOES NOT APPLY TO ANY NON-CONFORMITY FROM SPECIFICATIONS RESULTING FROM (A) NATURAL DISASTERS, ANY REPAIR, ALTERATION, MODIFICATION, MISUSE, NEGLIGENCE, ABUSE, ACCIDENT, MISHANDLING, STORAGE OR OPERATION IN AN IMPROPER ENVIRONMENT, OR (B) USE, HANDLING, STORAGE OR MAINTENANCE OTHER THAN IN ACCORDANCE WITH THE SPECIFICATIONS AND EFI’S APPLICABLE DOCUMENTATION OR INSTRUCTIONS, OR (C) REPAIR OR OPERATION OF THE EQUIPMENT BY SOMEONE OTHER THAN A PERSON THAT HAS BEEN AUTHORIZED BY KONICA MINOLTA OR EFI. WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, THE WARRANTY IN THIS SECTION DOES NOT APPLY TO UV BULBS, OR TO DAMAGE FROM USE OF NON-APPROVED INKS, “EXPIRED” INKS, OR IMPROPERLY INSERTED INK CONTAINERS AND INCOMPATIBLE SUBSTRATES.



Printer Shipping Specifications

EFI Wide Format printers 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.

	Height	Width (front to back)	Length (left to right)
Crated	82.00"[208cm]	42.5"[107cm]	225"[572cm]
Uncrated / Unassembled	63" [162cm]	34" [87cm]	137" [348cm]
*Uncrated / Assembled	*63" [162cm]	*52" [133cm]	*137" [348cm]
Assembled with Single Tables	63" [162cm]	88" [224cm]	137" [348cm]
Assembled with Double Tables	63" [162cm]	145" [368cm]	137" [348cm]

	Gross Weight
Crated (Printer, Peripherals and Tables)	3,553lbs
Uncrated / Unassembled (Printer ONLY)	2,222lbs
Fully Assembled (Media Systems and Single Tables)	2,717lbs
Fully Assembled (Media Systems and Double Tables)	2,962lbs
Assembled with Double Tables	63" [162cm]

Minimum Access Door Dimensions

Uncrated, unassembled dimensions do not include the media handling systems.

*Dimensions provided in this row are with media handling system in place, doors closed and on wheels. (No Media Tables)

Once removed from the crate and pallet, and when unwrapped, the printer appears as shown below. The Printer does not have the rolled media handling system or operator station components installed and are on wheels so that it can be easily pushed if necessary. The illustration shows the dimensions of the printer unpacked so that the minimum door size for access to the facility can be determined. That door size can be as small as 3'-0" x 6'-0". Standard door size is approximately 3'-0" x 6'-8". However, the area inside the facility behind the door must be a minimum of approximately 16'-0" x 16'-0" to accommodate getting the printer inside the facility and turning it.

	Value
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 42A - Average Current 21A

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

Electrical

No NEMA connector is needed for installation; you must use the supplied blue connector. The customer's licensed electrician must wire this cable to the blue plug and the facility's electrical power. 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.

Product Specifications

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Media Handling
• Handles flexible and rigid substrates up to 65" (165 cm) wide and 2" (5.08 cm) thick
• Image width 64" (162.6 cm) full-bleed printing
• Vacuum belt drive system with variable control
• Maximum rigid and roll media weight: 100 lbs (45.4 kg)
• Maximum roll diameter: 9" (22.9 cm)
• Modular table design for scalable rigid printing depth

Resolution
• 300 x 300 dpi, 8 levels of grayscale
• 600 x 600 dpi, 4 & 8 levels of grayscale
• 900 x 900 dpi, 4 & 8 levels of grayscale
• 1200 x 600 dpi, 8 levels of grayscale

Productivity
• Ultra Quality Mode 80 ft ² /hr (7.4 m ² /hr)
• High Quality Mode 133 ft ² /hr (12.4 m ² /hr)
• Quality Mode 247 ft ² /hr (23 m ² /hr)
• Express Mode 458 ft ² /hr (42.3 m ² /hr)
• White printing, one-half CMYK speeds

Print System
• All popular desktop files formats, including PostScript®3™, EPS, TIFF, PDF and RGB/CMYK

Environmental Considerations
• Temperature: 65° F to 80° F (18° C to 26.7° C)
• Humidity: 20% to 80% (noncondensing)
• Weight: 2,722 lbs (1,235 kg), including tables and rollers
• Dimensions (WxDxH) with one set of tables: 137" (348 cm) x 88" (224 cm) x 64" (163 cm)
• Depth: 36" (91 cm) without tables or rollers, 54"(137 cm) without tables
• Electrical: 208-240 VAC, single phase, 50/60 Hz, 30 Amps

EFI Fiery XF Digital Front End:

- Optimized for use with the EFI Fiery XF digital front end
- Bi-directional communication capability between the Fiery XF digital front end and EFI Wide Format printer allows back communication of audit information on every print job
- Advanced, easy-to-use, wizard-guided color tools for consistent, predictable, high-quality color
- Powerful production tools like nesting, step and repeat, scaling, cropping, and tiling
- Advanced ICC color management for reliable color, quality output and proofing-quality color
- Scalable, versatile platform grows with your needs as your business grow

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.

Konica Minolta 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 printer generates about 15,000 BTUs 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.

The illustrations below show overviews of the printer configurations available.

Figure 1: H1625 Setup for Rolled Media Only

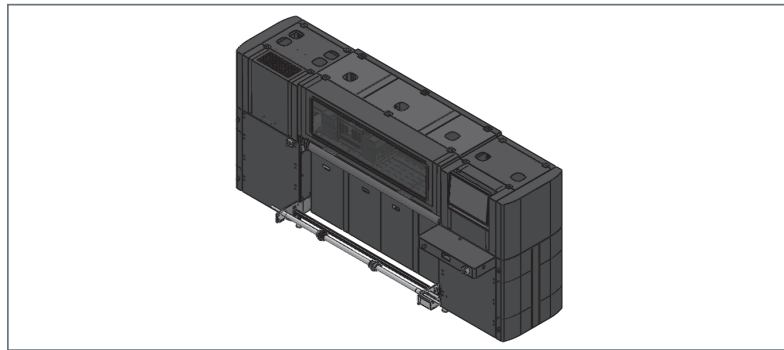


Figure 2: H1625 With Single Media Table

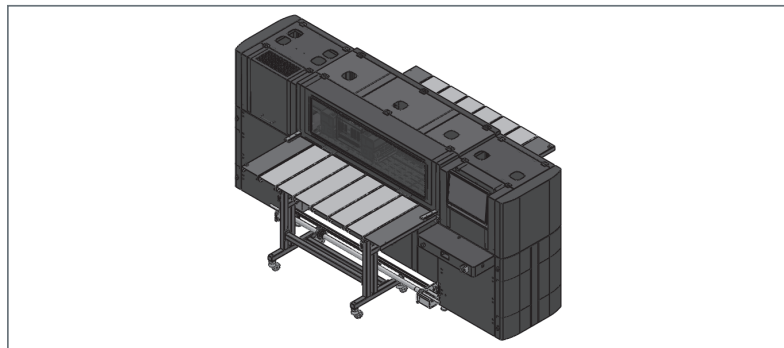
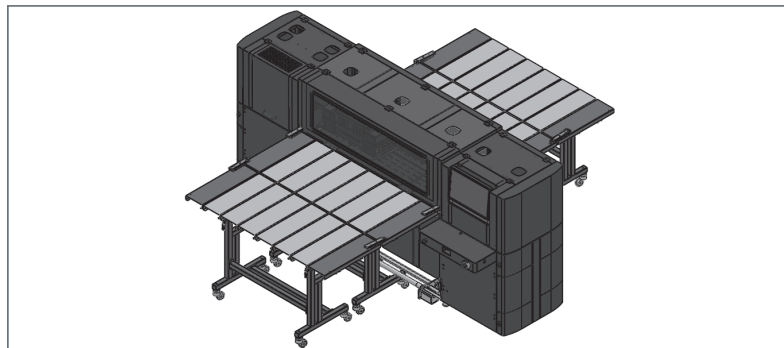


Figure 3: H1625 With Double Media Tables



Ink and Consumable Items List

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KM Material	Description	Yield, Replacement Interval or Capacity	Type	KMBS List Price	Service Plan Price
45130457	Cyan Ink	1 liter	Ink	\$ 199.00	\$ 163.18
45130458	Magenta Ink	1 liter	Ink	\$ 199.00	\$ 163.18
45130459	Yellow Ink	1 liter	Ink	\$ 199.00	\$ 163.18
45130460	Black Ink	1 liter	Ink	\$ 199.00	\$ 163.18
45130461	White Ink	1 liter	Ink	\$ 259.00	\$ 212.38
45113894	UV LED PHOSEON Firefly Lamp 4 Watt x 2	10,000 hrs. Estimated 5-7 years of life	Lamp	\$ 9,400	\$ 9,150
45129144	Printhead	Yield Not Specified	Head	\$ 3,780	\$ 3,780
45080261	Solvent Flush	1 liter	Consumable	\$ 90.00	\$ 90.00
45084213	Antifreeze Coolant	0.5 liter	Consumable	\$ 10.00	\$ 10.00
45129336	Plastic Can, HDPE	1 liter	Consumable	\$ 19.32	\$ 19.32
45107808	Waste Can		Consumable	\$ 118.00	\$ 118.00
45098054	Filter, Vacuum, H650	Changed every 160 hrs	Filter	\$ 38.00	\$ 38.00
45118029	Filter, Vacuum, Electric Motor, H650	Changed every 160 hrs	Filter	\$ 31.50	\$ 31.50
45087559	Filter, Bulk Ink Filter	Every 6 months	Filter	\$ 112.20	\$ 112.20
45080375	Ink Filter (EFI-WF 22-0034)	Every 6 months	Filter	\$ 7.00	\$ 7.00
45130700	Kit, Air Filter, UV LED Lamp, 90mm, 5-Pack, H	Weekly or every 40 hrs.	Filter	\$ 34.00	\$ 34.00
P3776-A	Glasses Safety UV Filter		Tool	\$ 14.94	\$ 14.94
P8030-A	Grease White Lithium		Tool	\$ 11.00	\$ 11.00
45080348	Nitrile Gloves Box (EFI-WF 22-0006)		Tool	\$ 15.00	\$ 15.00
45080289	Nitrile Gloves Box (EFI-WF 75-11001)		Tool	\$ 30.42	\$ 30.42
45112880	Pincer, Clamp, SIDE-JAW PINCH		Tool	\$ 89.60	\$ 89.60
45080349	Syringe (EFI-WF 22-0009)		Tool	\$ 5.00	\$ 5.00
45077321	Wipes 9X9 Clean Room		Tool	\$ 63.50	\$ 63.50



Certification Checklist

H1625 Operator Certification Course Training Checklist (Operator / Fiery XF)

Company Name

Date

Serial #

After the training on the EFI Printer, the customer certifies that he/she has been trained on the following. **[CHECK (✓) EACH ITEM AS IT IS REVIEWED]:**

Part 1: Printer Training

1.1 Safety Training - OMM-00073

- UV Ink Safety, safe handling -protective equipment & location of MSDS
- UV Light hazards & protective equipment
- Mechanical hazards (pinch points, crush hazards, etc..)
- Electrical safety
- Emergency stops and door interlocks

1.2 Printer Operation - OMM-00073

- Wake-up / power up
 - _Long term / short term idle period discussion & procedures
- System readiness checks / prep for print
 - _Ink levels
 - _Waste tank check
 - _Check jets / Ink purging
 - _Crash detector
- Load media & Media setup
 - _Web media & winder operation
 - _Sheet media & tables / fence operation including multi-sheet
 - _Verify & set carriage gap
 - _Media Scan Function
- Print Option Settings / output quality discussion
 - _Copies and Duplications
 - _Margins
 - _Smoothing On/Off
 - _Drop Size Levels (4/8)
 - _Lamp modes
 - _Double Strike
 - _Layered Printing
 - _Backlit Apps
 - _Printing files from app – pre-RIPed (EFI Print Control Utility)
 - _Bi-Directional
 - _Media Step
 - _Setting and using offsets
- Printer specific apps
 - _White printing
 - _Backlit
- Printer sleep / shutdown procedures and uses
 - _Short term printer idle sleep / long term shut down

1.3 Printer Maintenance Training - OMM-00073 & OMM-00074

Please reference Maintenance Guide for updates.

- Start Up and Every 8 Hours of Production
 - _Check Ink Supply Levels and Empty Ink Waste Container
 - _Clean Ink Waste Tray, Bleed Tray and Vacuum Knife
 - _Clean Carriage Jet Plate
 - _Clean Media Belt of Ink Over-spray
 - _Run a White Ink Printing Test utilizing the white ink functions
 - _Clean LED Lamps Lens
 - _Purge and Sweep Print Heads
 - _Check Print Head Operating Temperatures and Coolant Temperatures
 - _Empty the Cyclonic Vacuum System from the Ink
 - _Purge panel in the Carriage Home Compartment
 - _Perform Nozzle Checks
- Weekly Maintenance
 - _Clean and Lubricate Carriage Rails with Alcohol and Lithium Grease
 - _Clean Rolled Media Handling System Rolls using IPA (Front and Rear)
 - _Clean Carriage Height Solenoid
 - _Clean the Linear Encoder Strip with lint free cloth and IPA
 - _Replace LED Lamp Fan Filters
 - _Clean Antistatic Bars with IPA (Use soft nylon brush if required) (MUST Power OFF Printer)
 - _Clean Media Edge Detector
- Monthly maintenance
 - _Clean Rigid Media Fence and wipe down with IPA
 - _Check Thermal Stabilization Fluid (Coolant) Level, Replenish as Required
 - _Inspect the Cyclonic Vacuum System, clean and change vacuum canister filters as needed.
- Quarterly maintenance
 - _Clean all System Fans using a Shop Vacuum with Bristle Tip attachment
 - _Clean and Remove Dust or Debris from all Compartments
- Semi-Annual maintenance
 - _Replace all Primary Ink Filters
 - _Replace all Secondary Ink Filters
 - _Replace all Air Relief Filters on Ink Container
 - _Change all Negative Pressure System Filters
 - _Remove PC cover and clean inside of PC with canned air.
 - _Clean E-Chains and E-Chain Tray of dust and debris
- Annual maintenance

Certification Checklist

H1625 Operator Certification Course Training Checklist (Operator / Fiery XF)

Part 2: XF RIP SW / Pro-Server Training

2.1 Control Application and System Manger - VTR-00011-A

- Intro to XF Control app
- Checking for XF Updates
- Verify XF EAC code
- XF Server File Maintenance
- Launch the XF Client and Setup Wizard
- Backup and Restore

2.2 Basic use of the XF Client

- Logging the XF Client into XF Server
- Job Explorer Intro
- Import Job
- Rotate, Scale and Crop Job
- Add Crop Marks to Job
- RIP Job

2.3 Job layout and Workflow Automation

- Step and Repeat Job
- Nesting jobs
- Tiling Job
- Automatic Actions in workflows

Part 3: White Ink - FTP-00424

- Creating White data with XF
- File prep for white ink

Part 4: Documentation

- Customer informed of available documentation.

Part 5: Service/Support and Ordering Supplies

- For ALL EFI Service and Support issues call 1-8004565664
- Customer register their printer on the Inkjet Support site (<http://inkjet.support.efi.com>)
- Customer informed of benefits and use of the Inkjet Support site

Part 6: Training Acceptance

Signatures below, acknowledge that the training on the hardware and software were performed to a satisfactory level and that all training items have been accomplished.

Primary Operator

Print Name: _____

Signature: _____

Date: _____

Email: _____

Operator

Print Name: _____

Signature: _____

Date: _____

Email: _____

Operator

Print Name: _____

Signature: _____

Date: _____

Email: _____

Management

Print Name: _____

Signature: _____

Date: _____

Phone: _____

Email: _____

Trainer(s)

Print Name: _____

Signature: _____

Date: _____

Email: _____

Additional Comments from Trainee(s):



EFI H1625 LED

CUSTOMER EXPECTATION GUIDE

wide format



Partnership.

Konica Minolta can help give shape to your ideas and partner with you to achieve your corporate objectives. Contact us to realize opportunities in:

Information Management

Enterprise Content Management (ECM)
Document Management
Automated Workflow Solutions
Business Process Automation
Security and Compliance
Mobility
eDiscovery Services

IT Services

Application Services
Cloud Services
IT Security
Managed IT Services
IT Consulting & Projects

Technology

Office Multifunction Business Solutions
Commercial and Production Printers
3D Printers
Wide Format Printers
Laptops, Desktops and Computer Hardware
Servers and Networking Equipment
Managed Print Services (MPS)
Managed Enterprise Services

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