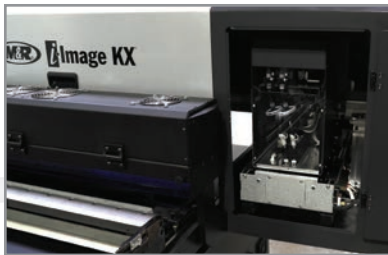


Computer-to-Screen (CTS) Imaging and CTS Imaging/Exposing system



Wide single printhead provides fast imaging speeds



Efficient shuttling high-output UV LED system



KX model as shown with UV LED system. UV LED system is not retro-fittable to the K model.

M&R's i-Image KX is a large format computer-to-screen (CTS) imaging and UV LED all-in-one exposure system. The KX dramatically reduces the time and effort required to prepare imaged screens by combining CTS imaging and UV LED screen exposure in one machine.

A shuttling gantry design minimizes floor space, while a wide, single printhead provides fast imaging speeds and tremendous detail that is superior to traditional film-positive processed screens. After imaging, KX models scan the imaged screen with a high-output UV LED array to expose the emulsion which produces screens that can be taken directly to washout.

i-Image K/KX use specially-formulated water-based UV-blocking ink and advanced, high-resolution CTS inkjet printer technology to quickly generate opaque images on emulsion coated screens, eliminating the need for costly film positives and the space to store and retrieve them. Because the image information is digital, the files are easy to store and quick to retrieve.

FEATURES

- Large maximum frame size: 83 x 121 cm (33" x 48")
- i-Image KX exposes emulsion with a scanning high-output UV LED light source
- Large single printhead design optimizes speed and image quality
- Precise, repeatable imaging compatible with M&R's Tri-Sync™ registration system
- Backed by M&R's legendary sales and support service

Find more information and where to buy at: www.mrprint.com



Large Maximum Screen Size • Tri-Sync™ Registration-Ready • Print/Exposure Efficiency

The i-Image KX is M&R's solution for fast, efficient production of oversized screens. Combining advanced imaging with a built-in UV LED exposure system greatly improves shop efficiency and speed for pre-registered, accurate image production.



RIP PC and software included



Efficient shuttling high-output UV LED system

ALL-IN-1

SCREEN MACHINE!

By combining screen imaging, exposing and Tri-Sync™ compatibility in one machine, you have the foundation for increased screen production, better screen and print image quality, and faster, more accurate screen setups on press!

SPECIFICATIONS	Electrical Requirements (1,2)	Industrial Printheads	Maximum Image Area	Maximum Screen Frame Profile	Maximum Screen Frame Size	Overall Size (H x W x L)	Max Screens Per Shift (3)	Shipping Weight
i-Image K	208/230 V, 1 ph, 3 A 50/60 Hz, .66 kW	Single only	71 x 99 cm (28" x 39")	4.1 cm (1.63")	83 x 121 cm (33" x 48")	145 x 213 x 264 cm (57" x 84" x 104")	23" x 31" Screen: 500 33" x 48" Screen: 200	567 kg (1250 lb)
i-Image KX	208/230 V, 1 ph, 20 A 50/60 Hz, 2.6 kW	Single only	71 x 99 cm (28" x 39")	4.1 cm (1.63")	83 x 121 cm (33" x 48")	145 x 213 x 264 cm (57" x 84" x 104")	23" x 31" Screen: 500 33" x 48" Screen: 200	590 kg (1300 lb)

¹ If incoming voltage differs from the voltage(s) listed in this brochure, calculate amperage accordingly. Other electrical configurations are available. Contact The M&R Companies for details.

² An uninterruptible power supply (UPS) should be used to protect electrical components.

³ Approximate number of screens the model is capable of printing in an 8-hour shift. Figures do not include exposure time, which may vary according to emulsion type and thickness.

M&R Sales and Service, Inc. 440 Medinah Road, Roselle, Illinois 60172-2329 USA **www.mrprint.com**
USA: 800-736-6431 / 630-858-6101 • Outside USA: +1-847-967-4461 • FAX: 630-858-6134

M&R Printing Equipment, Inc. and its subsidiaries (hereinafter M&R), believe the information in this advertisement to be accurate at publication, though it does not purport to list all manufacturing and specification variations, nor does it assume liability resulting from incompleteness or inaccuracy. M&R reserves the right to change specifications without notice. M&R expressly disclaims any liability for damages, consequential or incidental, from purchase, installation, servicing, and/or use of any product/service based upon information herein. No warranties of merchantability or fitness for a particular purpose are made or are to be implied from the information herein. No information herein may be reproduced or used in any manner without the prior, express written consent of M&R in each case. Copyright 2018 M&R Printing Equipment, Inc. All rights reserved. 20190514