

Multicolor Graphics Screen Printing Press



INSIGNIA™, M&R's multi-color UV system, prints and cures up to six colors simultaneously. Since substrates don't need to be dried and stacked between colors, they do not have to be handled repeatedly. This prevents dimensional changes to substrates and is especially beneficial for fragile substrates like glass. Since Insignia delivers finished prints in one revolution, it is possible to do color and registration adjustments for customer approval prior to the production run.

A servo drive with adjustable index speed is standard. Insignia can index in either direction and features automatically synchronized gear-driven screen peel and M&R's ink retrieval system. Stationary lamps mounted between printheads provide exceptional curing. Each cure station features single-point focus adjustment so lamps can be optimized for materials of different thickness. Each lamp has independent wattage settings managed from the main control panel and is capable of fully independent operation.

FEATURES

- Prints and cures up to six colors simultaneously
- UV cure stations operate independently
- Maximum image areas from 63 x 96 cm (25" x 38"), 76 x 102 cm (30" x 40") and 102 x 155 cm (40" x 61")
- Servo-driven index ensures accurate, smooth travel
- Calibrated independent and micro-adjustable pressure settings
- Adjustable screen holders accommodate a wide variety of screen sizes

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

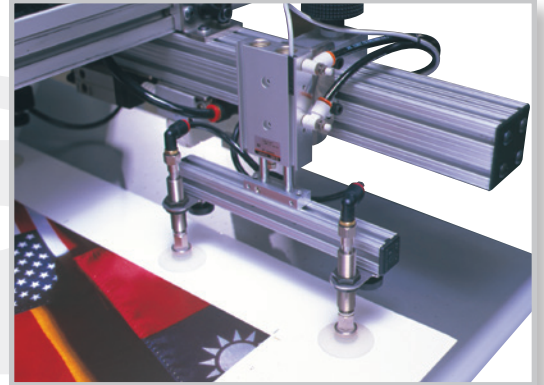


Print Up to Six Colors • Independent Cures • Tool-Free Adjustments

Insignia's stationary lamps mounted between printheads provide exceptional curing. Each cure station features single-point focus adjustment so lamps can be optimized for materials of different thickness. Each lamp has independent wattage settings managed from the main control panel and is capable of fully independent operation.



M&R's Porter™ is a fully adjustable suction-style takeoff that adapts to virtually any substrate (sold separately)



Porter's suction cups feature tool-free adjustment and can be used in any combination

SPECIFICATIONS	Insignia 2538 Single-Lamp	Insignia 2538 Double-Lamp	Insignia 3040 Single-Lamp	Insignia 3040 Double-Lamp	Insignia 4056 B-Zero Single-Lamp	Insignia 4061 Single-Lamp
Air @ 6,9 bar (100 psi)	340 l/min (12 cfm)	340 l/min (12 cfm)	340 l/min (12 cfm)	340 l/min (12 cfm)	425 l/min (15 cfm)	425 l/min (15 cfm)
Diameter	747 cm (24' 6")	747 cm (24' 6")	747 cm (24' 6")	747 cm (24' 6")	884 cm (29')	930 cm (30' 6")
Electrical Requirements @ 118 watts/cm (300 watts/in)¹	208/230 V, 3 ph, 322/304 A, 50/60 Hz, 125 kW 400 V, 3 ph, 180 A, 50/60 Hz, 125 kW 460 V, 3 ph, 156 A, 60 Hz, 125 kW	208/230 V, 3 ph, 534/498 A, 50/60 Hz, 205 kW 400 V, 3 ph, 294 A, 50/60 Hz, 205 kW 460 V, 3 ph, 257 A, 60 Hz, 205 kW	208/230 V, 3 ph, 322/304 A, 50/60 Hz, 125 kW 400 V, 3 ph, 180 A, 50/60 Hz, 125 kW 460 V, 3 ph, 156 A, 60 Hz, 125 kW	208/230 V, 3 ph, 534/498 A, 50/60 Hz, 205 kW 400 V, 3 ph, 294 A, 50/60 Hz, 205 kW 460 V, 3 ph, 257 A, 60 Hz, 205 kW	208/230 V, 3 ph, 385/360 A, 50/60 Hz, 149 kW 400 V, 3 ph, 215 A, 50/60 Hz, 149 kW 460 V, 3 ph, 182 A, 60 Hz, 149 kW	208/230 V, 3 ph, 385/360 A, 50/60 Hz, 149 kW 400 V, 3 ph, 215 A, 50/60 Hz, 149 kW 460 V, 3 ph, 182 A, 60 Hz, 149 kW
Electrical Requirements @ 157 watts/cm (400 watts/in)¹	208/230 V, 3 ph, 387/363 A, 50/60 Hz, 149 kW 400 V, 3 ph, 215 A, 50/60 Hz, 149 kW 460 V, 3 ph, 183 A, 60 Hz, 149 kW	208/230 V, 3 ph, 664/616 A, 50/60 Hz, 252 kW 400 V, 3 ph, 364 A, 50/60 Hz, 252 kW 460 V, 3 ph, 311 A, 60 Hz, 252 kW	208/230 V, 3 ph, 387/363 A, 50/60 Hz, 149 kW 400 V, 3 ph, 215 A, 50/60 Hz, 149 kW 460 V, 3 ph, 183 A, 60 Hz, 149 kW	208/230 V, 3 ph, 664/616 A, 50/60 Hz, 252 kW 400 V, 3 ph, 364 A, 50/60 Hz, 252 kW 460 V, 3 ph, 311 A, 60 Hz, 252 kW	208/230 V, 3 ph, 468/437 A, 50/60 Hz, 180 kW 400 V, 3 ph, 260 A, 50/60 Hz, 180 kW 460 V, 3 ph, 220 A, 60 Hz, 180 kW	208/230 V, 3 ph, 468/437 A, 50/60 Hz, 180 kW 400 V, 3 ph, 260 A, 50/60 Hz, 180 kW 460 V, 3 ph, 220 A, 60 Hz, 180 kW
Maximum Frame Size	132 x 132 x 5.7 cm (52" x 52" x 2.25")	132 x 132 x 5.7 cm (52" x 52" x 2.25")	132 x 132 x 5.7 cm (52" x 52" x 2.25")	132 x 132 x 5.7 cm (52" x 52" x 2.25")	152 x 173 x 5.7 cm (60" x 68" x 2.25")	152 x 188 x 5.7 cm (60" x 74" x 2.25")
Maximum Image Area	63 x 96 cm (25" x 38")	63 x 96 cm (25" x 38")	76 x 102 cm (30" x 40")	76 x 102 cm (30" x 40")	102 x 142 cm (40" x 56")	102 x 155 cm (40" x 61")
Shipping Weight	10 288 kg (22,680 lb)	10 288 kg (22,680 lb)	10 678 kg (23,540 lb)	10 678 kg (23,540 lb)	14 710 kg (32,430 lb)	14 742 kg (32,500 lb)

¹ If incoming voltage differs from the voltage(s) listed in the brochure, calculate amperage accordingly. Other electrical configurations are available: contact M&R Printing Equipment, Inc. for details.

M&R Printing Equipment, 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 2024 M&R Printing Equipment, Inc. All rights reserved. 20240430