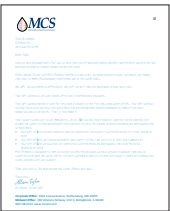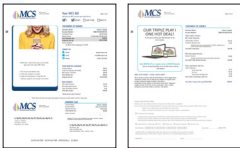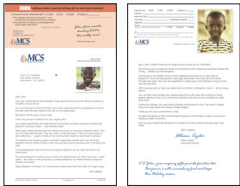## Merlin K146c Process Color INKJET Cut-Sheet Production Press

Paper Weight	Paper Size	Type	Paper Cost	Ink and Parts Cost	Estimated Ink Cost	Total Cost K146c*	Total Cost Toner*
60 lb	8 ½ x 11	Standard	$8.80	$1.50	$3.29	$13.59	$28.80
60 lb	8 ½ x 11	Image Lock	$10.25	$1.50	$5.08	$16.83	$30.25
70 lb	8 ½ x 11	Standard	$10.00	$1.50	$4.04	$15.54	$30.00
60 lb	8 ½ x 11	DL IJ Matte	$19.50	$1.50	$4.56	$25.56	$39.50

Paper Weight	Paper Size	Type	Paper Cost	Ink and Parts Cost	Estimated Ink Cost	Total Cost K146c*	Total Cost Toner*
60 lb	8 ½ x 14	Standard	$11.80	$3.00	$5.65	$20.45	$91.80
60 lb	8 ½ x 14	Image Lock	$13.65	$3.00	$6.99	$23.64	$93.65
70 lb	8 ½ x 14	Standard	$13.50	$3.00	$6.30	$22.80	$93.50
60 lb	8 ½ x 14	DL IJ Matte	$25.00	$3.00	$7.29	$35.29	$105.00

Paper Weight	Paper Size	Type	Paper Cost	Ink and Parts Cost	Estimated Ink Cost	Total Cost K146c*	Total Cost Toner*
60 lb	8 ½ x 11	Standard	$8.80	$3.00	$2.69	$14.49	$48.80
60 lb	8 ½ x 11	Image Lock	$10.25	$3.00	$3.58	$16.83	$50.25
70 lb	8 ½ x 11	Standard	$10.00	$3.00	$3.13	$16.13	$50.00
60 lb	8 ½ x 11	DL IJ Matte	$19.50	$3.00	$3.40	$25.90	$59.50

Paper Weight	Paper Size	Type	Paper Cost	Ink and Parts Cost	Estimated Ink Cost	Total Cost K146c*	Total Cost Toner*
60 lb	8 ½ x 11	Standard	$8.80	$1.50	$0.48	$10.78	$28.80
60 lb	8 ½ x 11	Image Lock	$10.25	$1.50	$0.66	$12.41	$30.25
70 lb	8 ½ x 11	Standard	$10.00	$1.50	$0.59	$12.09	$30.00
60 lb	8 ½ x 11	DL IJ Matte	$19.50	$1.50	$0.61	$21.61	$39.50

*w/o DEPR.

Manufactured by **KYOCERA**

MCS
INDUSTRIAL INKJET TECHNOLOGY

Corporate Office : 8101 Cessna Ave, Gaithersburg, MD 20879
Midwest Office : 694 Veterans Parkway, Unit H, Bolingbrook, Il 60440
Call 800-728-0154   www.mcspro.com

Dec 2019

MCS
INDUSTRIAL INKJET TECHNOLOGY

Merlin K146c
Process Color Cut-Sheet Inkjet Production Press

INKJET

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Merlin K146c
Process Color Cut-Sheet Inkjet Production Press

MCS Merlin K146c
Process Color Cut-sheet Inkjet Press
The MCS K146c is the first low cost process color, production, cut-sheet inkjet press without a click charge.

Low Capital Cost
The MCS K146c is the lowest cost production inkjet press in the mail manufacturing market.

For less than $200,000, process color inkjet printing is now affordable to all mail manufacturers.

No Clicks
The MCS K146c offers an industry leading "no click" shared maintenance program. No clicks can reduce the imaging cost of process color and black and white jobs by as much as 75%.

Industry leading shared maintenance
Factory supported shared maintenance plan increases up-time while reducing imaging cost. MCS offers factory supported training, telephone support and backup on-site support.

Ease of use
The MCS K146c is designed to work like a standard production laser printer, easy-touse and small foot print. The MCS K146c can be installed and up and running in 2 days in most existing laser rooms.

Technology	Spec
Print Technology	Piezo
Print Head Manufacturer	Kyocera
Native DPI	600 DPI X 600 DPI
Print Array Width	12 3/4"
Max Paper Size	13" X 19.2"
Max Duplex Size	12" x 18"
Process Color	CMYK
Type of Ink	Pigment H20
Dryer Technology	Low Heat

MCS Shared Maintenance Pro Plan	Program
Maintenance Plan	Shared Only
Clicks	No
Parts	Discounted Pricing
Telephone Support	Yes
Training	Certified Factory Training
Discounted On-Site Backup Support	Yes

Size	Speed
8 1/2" x 11"	146 imp Color or B/W
8 1/2" x 14"	86ipm
11" x 17"	86ipm

Paper Trays and Stackers

Input Paper Feeders	Feeder Tech	Std/Opt	Max. Paper Size	Max. Paper Wt.	Max 20lb Sheets
Tray 1	Friction	Std	13"X19.2"	Up to 360 gsm	500
Tray 2	Friction	Std	13"X19.2"	Up to 360 gsm	500
Tray 3	Friction	Std	8 1/2"X11"	Up to 360 gsm	1,500
Tray 4	Friction	Std	8 1/2"X11"	Up to 360 gsm	1,500
Tray 5	Vacuum	Std	13"X19.2"	Up to 360 gsm	4,000
Tray 6	Vacuum	Std	13"X19.2"	Up to 360 gsm	4,000
Tray 7	Vacuum	Opt	13"X19.2"	Up to 360 gsm	4,000
Tray 8	Vacuum	Opt	13"X19.2"	Up to 360 gsm	4,000

True production press flexibility
- Up to 360 gsm.
- Application flexibility including self-mailers, letters, statements.

Output Stacker	Std/Opt	Max. 20lb Sheets	Max. Paper Wt.	Max Paper Size	Envelopes
Descending Stacker	Std	4,000	360 gsm	13"X19.2"	Yes
Hi Cap Cart	Opt	5,000	360 gsm	13"X19.2"	No

Industry leading workflow
EFI Fiery RIP offers comprehensive support for professional production printing. EFI's extensive professional color management combined with their advanced inkjet experience make the EFI RIP the professional choice.

Inkjet RIP	Type	Std/Opt
EFI Fiery	NX Pro Gen II	Standard
Printing System 50	Win 10 IOT Enterprise	Standard
Page Description Languages	APPE v4.4	Standard
	Adobe PDF Print Engine	Standard
	PDF/VT 1 & 2 support	Standard
	JDF	Standard
	Adobe PS3, PCL 5 & 6	Standard
	PPML and VPS	Standard
Color Profiler Suite		Optional