

# **NEW** RYOBI 3302C

A3-Size Portrait Format 2-Color Offset Press

## **New RYOBI 3302C with Crestline Dampening System Superior printing quality and easy operation flexibly meet the need for diverse small-lot printing**

Based on the bestselling RYOBI 3302M, the RYOBI 3302C A3-size portrait format 2-color offset press offers even easier operation with the same consistent printing quality.

A Crestline Dampening System simplifies operation while ensuring a highly reliable supply of dampening solution, and the register mechanism enables minute diagonal image adjustments via the paper feed drum during printing.

When combined with the optional RYOBI PCS-F printing control system for inputting prepress image area ratio data, the result is a marked increase in productivity and operability for small-lot color printing.

This versatile new model flexibly handles a wide range of small-lot color printing needs, including postcards, leaflets, direct mail advertisements, and envelopes.



**RYOBI**®

# RYOBI 3302C

A3-Size Portrait Format 2-Color Offset Press

## ■ Crestline continuous dampening system\*1

A consistent dampening film supply to the plate surface minimizes paper waste and helps to assure high printing quality for all kinds of printing, from text to photographs and solid colors. The dampening rollers are cleaned simultaneously with the ink rollers, and easy adjustment of the dampening roller pressure greatly simplifies maintenance.

★1: Crestline is a registered trademark of Accel Graphic Systems



Crestline continuous dampening system

## ■ Paper feed drum diagonal image adjustment

The paper feed drum can be used to make diagonal image adjustment even while the press is running. The time and effort required for registration is thus reduced.

Paper feed drum diagonal image adjustment



## ■ Specifications

Number of Printing Units	2
Dampening System	Crestline dampening system
Max. Paper Size (W x L)	340 x 450 mm (13.39" x 17.72")
Min. Paper Size (W x L)	90 x 100 mm (3.54" x 3.94")
Max. Printing Area	330 x 438 mm (12.99" x 17.24")
Paper Thickness ★4	0.04 - 0.3 mm (0.0016" - 0.012")
Printing Speed ★5	3,000 - 10,000 S.P.H.
Plate Size	335 x 485 mm (13.19" x 19.09")
Plate Clamp Type	Straight-edge plate clamp with positioning pins
Blanket Type	Blanket with aluminum bar
Gripper Margin	8 mm (0.31")
Feeding System	Universal feeder
Feeder Pile Capacity	440 mm (17.32")
Delivery System	Chain delivery
Delivery Pile Capacity	440 mm (17.32")
Number of Rollers	Ink rollers: 16 (form rollers: 3/ unit Water rollers: 5 (form roller: 1/ unit)
Vertical Image Adjustment Range	± 20 mm (± 0.79")
Lateral Image Adjustment Range	± 2 mm (± 0.079")
Diagonal Image Adjustment Range	± 0.5 mm (± 0.02")
Oiling System	Centralized oiling system
Power	Single-phase: 208V, 60Hz 12A 220V, 50/60Hz 11.5A or other voltages
Wattage	2.0 kW
Dimensions (L x W x H)	2,329 x 964 x 1,583 mm (7'8" x 3'2" x 5'2")
Net Weight	1,300 kg (2,866 lbs)

## ■ Satellite V-shaped 5-cylinder system

This simple 2-color press employs a satellite V-shaped 5-cylinder system comprised of single double-diameter impression cylinder and two sets of plate cylinders and blankets. As two independent blankets are used for printing, the RYOBI 3302C also displays exceptional performance when printing double tones or two solid colors. And, because 2-color printing is performed with no gripper changes, reliable 2-color registration is assured.

## ■ Lever-controlled ink fountains (option)

The RYOBI 3302C can be equipped with optional lever-controlled ink fountains. Ink level markings enable the ink supply in each fountain to be discerned at a glance, and fine color adjustments can be quickly and easily made by simply moving the levers up or down.

## ■ RYOBI PCS-F Printing Control System (option)

The RYOBI PCS-F is a printing control system including an operation stand that enables remote control of the ink fountain keys. Centralized operation at the delivery side minimizes operator movement and is designed to reduce the color adjustment time and increase efficiency. And the image area ratio data is calculated by the Ink Volume Setter software (option) using PostScript data created on either a Macintosh\*2 or Windows\*3 computer, and then converted by the RYOBI PCS-F to preset the ink fountain keys. Ink Volume Setter-CIP 4 (PPF) software (option) allows the image area ratio data to be calculated from PPF files. Effective use of prepress data can dramatically reduce the labor involved in adjusting the ink fountain keys prior to production printing.

★2: Macintosh is a registered trademark of Apple Computer, Inc.

★3: Windows is a registered trademark of Microsoft Corporation in the United States and other countries.



RYOBI PCS-F

## ■ Accessories

Standard Equipment	
<ul style="list-style-type: none"> <li>• Crestline dampening system</li> <li>• Dial type image adjustment device</li> <li>• Diagonal image adjustment device (paper feed drum)</li> <li>• Straight-edge plate clamp with positioning pins (spring-tension system)</li> <li>• Ink volume stepless adjustment mechanism</li> <li>• Ink ductor automatic control</li> <li>• Mechanical type double sheet detector</li> </ul>	<ul style="list-style-type: none"> <li>• Paper jam detector (feeder board, blanket and delivery section)</li> <li>• Static eliminator</li> <li>• Powder spray device</li> <li>• Preset repeat counter with batch function (electronic, 5-digit)</li> <li>• Machine counter (total number of press rotation, 8-digit, non-resettable)</li> <li>• OK monitor</li> <li>• Delivery paper pull-out device</li> </ul>
Optional Equipment	
<ul style="list-style-type: none"> <li>• RYOBI PCS-F Printing Control System ★6</li> <li>• Dampening solution cooling/ circulation device</li> <li>• Blanket cleaning device</li> <li>• Electrical double sheet detector</li> <li>• Upper guide for envelope feeding</li> <li>• Lever control ink fountain</li> <li>• Register marking device</li> <li>• Print counter</li> </ul>	<ul style="list-style-type: none"> <li>• Tape inserter</li> <li>• RYOBI RP520-220F High-precision register punch</li> <li>• RP22 Register punch</li> <li>• Ink oscillating form roller</li> <li>• Squeeze roller</li> <li>• Stick type blanket for envelopes</li> <li>• Multi-size paper pile board</li> <li>• Ink Volume Setter (PS)</li> <li>• Ink Volume Setter-CIP 4 (PPF)</li> </ul>

★4: There are some limitations to print thick paper depending on paper types.

★5: Local conditions, ink, stock, and printing plate types, and printing quality required will affect the printing speed.

★6: Factory installation only

# RYOBI

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