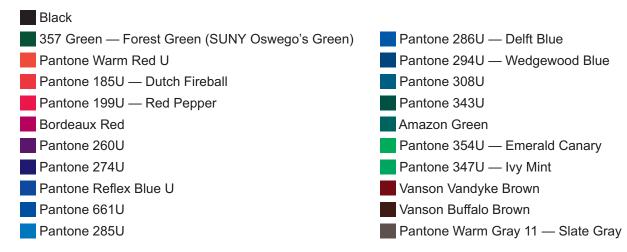
SUNY Oswego, Office of Publications Ryobi 3200CCD Offset Press Considerations and Specifications

For offset printing, there are a variety of ink colors to choose between:



- Single-ink printing only.
- No heavy ink coverage.1
- Gripper edge² must be planned within the maximum printable area. Allow for a ³/" (.375") non-ink area on the gripper edge. There can be no ink on either side of the sheet on the gripper edge.
- Bleeds must be planned within the maximum printable area. Allow an extra ¼" (.25") for each bleed side.
- Less than [%]" (.375") non-ink margin is considered a bleed.
- Set up press-ready artwork in the black ink channel regardless of ink choice.
- Prefered format for press-ready artwork is Press Quality PDF.
- Optimal resolution for clarity in bitmap lineart is 600 pixels per inch (PPI).
- Optimal resolution for clarity in halftone photos is 240 to 300 pixels per inch (PPI).
- Press LPI = 120 lines per inch (LPI).
- · Uncoated paper only.
- Pre-cut, in-stock paper: Standard sizes = $8\frac{1}{2}(8.5) \times 11$ " (Letter), $8\frac{1}{2}(8.5) \times 14$ " (Legal), 11×17 " (Tabloid/Ledger). The Office of Publications carries a selection of colors, weights, finishes to meet your needs. All stock is uncoated.

Note 1:

The Ryobi 3200CCD is a duplicator press with a Crestline continuous dampening system. A duplicator press, has no powder unit and as fewer ink rollers than other presses. Therefore, keep the coverage light to avoid offsetting (ink smudging from one sheet to the next) and unevenness in coverage. A large area of solid ink will not print well. Even a large area of halftone screening may accentuate roller marks and uneven coverage.

Note 2:

Gripper edge — This is an area with no printing on either side of the sheet. The press grabs this area to pull the sheet into the press. If your margins are less than %" (.375") then the job will not print correctly. This can be fixed in two ways. Adjust the layout to add gripper and bleed trim resulting in a smaller finished piece size, or special order bigger paper which may cost more and require extra time.

Ryobi 3200CD
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(W x L) 340 x 450 mm (13.39" x 17.72")
(W x L) 90 x 130 mm (3.54" x 5.12")
(W x L) 330 x 438 mm (13" x 17.24")
0.04–0.3 mm (0.0016"–0.012")
3,000–10,000 Sheets/Hour
450 mm (17.72")
520 mm (20.47")

Still have questions about designing for our offset press? Call the SUNY Oswego Office of Publications at (315) 312-3130. For best results, request a printability assessment. Attach a PDF of your layout to print@oswego.edu for review by our prepress staff. Plan on 1 to 3 business days for printability assessment. You may also enlist the assistance of our design staff for a nominal fee.