

The Berliner format press is attracting a widespread attention because of many possibilities it could open up, including reduction in production cost, innovation of news paper image, creation of new media, and increased number of copies published.

Shaftless Tower Web Offset Press
COLOR TOP[®] ECOPRIUS
Berliner Format
 Double-Width, Double-Circumference Press

As the newspaper industry tends to be more and more diversified, the Berliner format is expected to find a favorable acceptance among people in the world. Measuring 315 by 470 mm, it has a size between conventional broadsheet and tabloid. This compact size will no doubt impress the readers with a fresh appearance, most probably triggering an increase in the number of readers. Moreover, cost of materials required for newspaper production will be significantly reduced. Overall, use of this format will certainly bring high profitability and remarkable cost reduction in the production of newspaper.

In addition to a reduction in material cost, advantages of the Berliner format include an easy application to commercial printing other than newspaper because the page of this format, when folded, almost measures Size A. To be sure, commuters in a train would have less trouble reading the printed matter of that format.

Featuring a decrease in the amount of waste produced upon operational startup, acceleration/deceleration, and actuation of the paster as well as an improved color register accuracy, the COLOR TOP[®] ECOPRIUS has achieved a maximum printing speed of 90,000 copies per hour. It goes without saying that this model offers improved operability, workability, and safety. Additionally, the manufacturer's proprietary shaftless drive system has lowered the levels of environmental load, noise, vibration, and power consumption. The COLOR TOP[®] ECOPRIUS is the press that is environment-friendly and user-friendly.

Advantages derived from the Berliner format:

Reduced page size leads to a reduction in web roll costs (for purchase and transportation)

Environment load is reduced by a cutback in the amount of web consumed.

Costs of materials required for printing (such as ink, printing plates, and blankets) are reduced.

Web roll storage area is smaller.

Newspaper readers enjoy improved ease in handling and ease in carrying along.

Level of power consumption is lowered.



Main Specifications

Printing Speed	Max. 90,000 cph
Web Paper Width	1,260 mm (49.6")
Web Paper Diameter	Max. 1,270 mm (50")
Weight of Paper	43 - 60 g/ m ²
Cut-off Length	470 mm (18.5")
Inking System	Digital Ink Pump (DIP) / Open Fountain
Dampening Device	Spray Bar
Drive System	Shaftless Drive

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