

LITHRONE GX/G

 *advance*

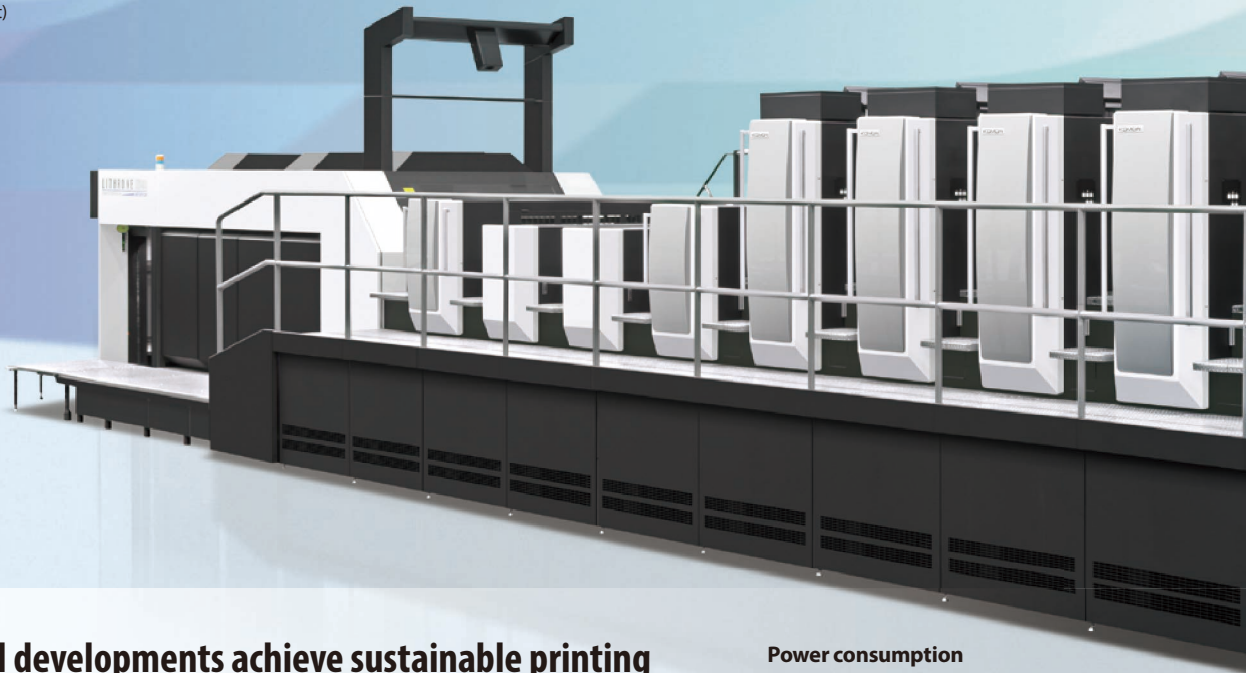


KOMORI

Lithrone GX/G advance EX Edition: New benchmarks for productivity and sustainability

Boasting a world-class return on investment*¹, the Lithrone GX/G advance series is being introduced globally. Its ever-evolving productivity adapts to the times, addressing major challenges such as escalating energy costs and a shortage of operators that suppress the profits of printing companies. To tackle these issues and achieve further productivity growth and sustainable management, Komori has developed the Lithrone GX/G advance Series equipped with revolutionary new functions. Leveraging the latest printing technology, this latest development from Komori reduces energy costs and enhances operator efficiency, propelling businesses to a new heights.

*¹ ROI (Return on Investment)

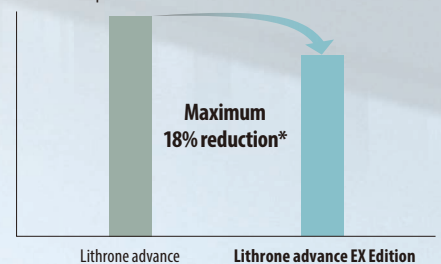


Three essential developments achieve sustainable printing

Komori has pioneered an eco-friendly offset printing press designed to support printers while reducing GHG (greenhouse gas) emissions. By means of three eco-conscious functions, the press reduces power consumption by up to 18%* while printing and realizes stable feeder and delivery operation to cut wastepaper usage, thus both achieving reduced GHG emissions and high productivity.

Power consumption

Four-color press with oil-based ink



*Effect of Smart Inking Flow and DC blower together



Smart Inking Flow

An optimized roller arrangement backed by state-of-the-art analysis, not only ensures enhanced print quality through stable density control, but reduces exhaust heat and energy consumption by alleviating the load on the rotary drive.



DC blower

Komori's DC blower achieves both economic and eco-friendly operation while maintaining the high-level airflow needed to properly stabilize the sheet. It significantly reduces power consumption through low-energy operation and minimal heat generation, all in a compact and lightweight design.



e-Mist

Komori's revolutionary micro-mist system directly controls the humidity of the paper to combat the effects of static electricity. By controlling the humidification time, power consumption and water usage, the system keeps energy usage to a minimum. An added advantage is its enhancement of sheet alignment during delivery.

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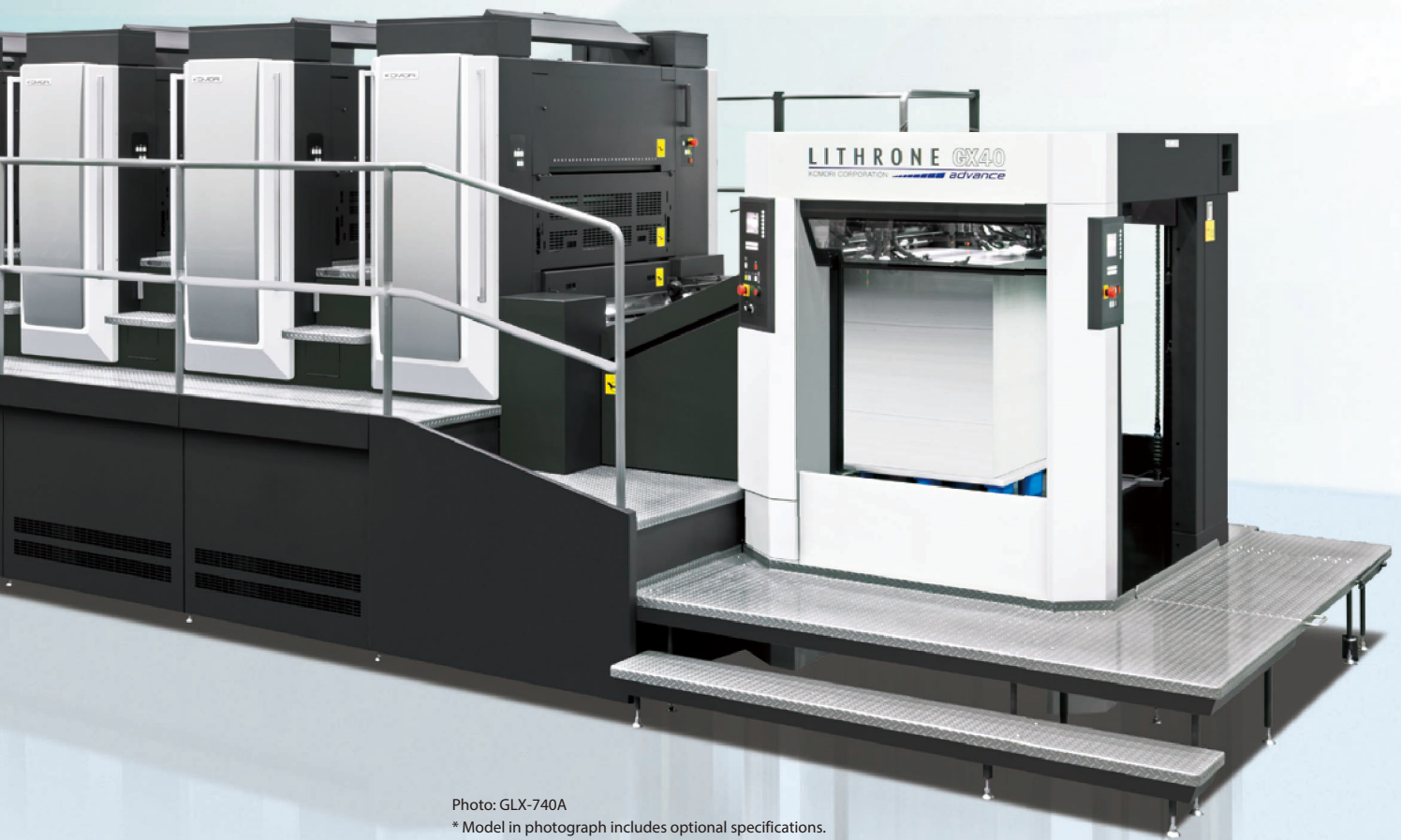


Photo: GLX-740A
* Model in photograph includes optional specifications.

Updated KID (Komori Information Display) Improved operator efficiency through an improved interface

All necessary printing information is available on a single screen

The KID screen layout has been redesigned for enhanced operational efficiency. Now, all vital printing information is conveniently consolidated onto a single screen. Operators have visibility to inline quality inspections, density control, next job data, register, presets and more. There is no need to unnecessarily toggle between screens—our intuitive interface ensures that all essential data is easily accessible, optimizing operator workflow and productivity.

Operators on all levels can efficiently switch between jobs

All necessary data for a job including current job progress, estimated time remaining and timing of operator actions, can be visualized. Even inexperienced operators can efficiently navigate between jobs.



The KID screen that has significantly increased the amount of information on one screen

Specifications

LITHRONE GX advance EX Edition

Model	Max. sheet size mm (in.)	Max. Printing speed sph	
LITHRONE GX40 advance 40" Offset Printing Press	750 × 1,050 (29.5 × 41.3)	18,000	
LITHRONE GX40P advance 40" Convertible Perfecting Offset Printing Press	750 × 1,050 (29.5 × 41.3)	18,000	
LITHRONE GX40RP advance 40" Front/Reverse Multicolor Offset Printing Press	750 × 1,050 (29.5 × 41.3)	Thin sheet, high printing speed specification	18,000
		Thin sheet standard/Thick sheet specification	16,500
LITHRONE GX44RP advance 44" Front/Reverse Multicolor Offset Printing Press	840 × 1,150 (33.1 × 45.3) 820 × 1,130* ¹ (32.3 × 44.5)	15,000	

LITHRONE G advance EX Edition

Model	Max. sheet size mm (in.)	Max. Printing speed sph	
LITHRONE G37P advance 37" Convertible Perfecting Offset Printing Press	640 × 940 (25.2 × 37)	15,000	
LITHRONE G40 advance 40" Offset Printing Press	750 × 1,050 (29.5 × 41.3)	17,200	
LITHRONE G40P advance 40" Convertible Perfecting Offset Printing Press	720 × 1,030 (28.3 × 40.6)	15,000	
LITHRONE G44 advance 44" Offset Printing Press	840 × 1,150 (33.1 × 45.3)	15,000	

*¹ Option

* Performance and numbers may differ from specifications herein, and Komori reserves the right to change specifications for the purpose of product improvement.

* Maximum printing speed may differ depending on chosen specifications and printing conditions.

* Please contact a sales representative for information on specs not listed.

Note:

Komori reserves the right to change specifications on machines without notice to improve reliability, functionality or design. Komori carries no obligation for use that does not correspond to the standard safety measures for products noted herein and other precautions. The technical information in this catalog constitutes an explanation of the general operations of the product and grants no rights or license belonging to Komori Corporation or third parties. The photographs in this catalog include some special specifications. Specifications are current as of April 2024. Specifications and photographs are subject to change at a later date due to product improvements.