

Specifications

LITHRONE G37P advance (37"Convertible Perfecting Offset Printing Press) specifications			
Model		GL-837P-A	
Number of colors		8	
Max. printing speed	sph	15,000	
Max. sheet size	mm (in)	640 × 940 (25.2 × 37)	
Min. sheet size	mm (in)	297 × 420 (11.7 × 16.5) (350 × 420 (13.8 × 16.5) Perfector printing)	
Max. printing area	mm (in)	620 × 930 (24.4 × 36.6) (620 × 916 (24.4 × 36.1) conventional ink-based Perfector printing)	
Sheet thickness range	mm (in)	0.04 - 0.45 (0.0016 - 0.018)	
Plate size	mm (in)	700 × 945 (27.6 × 37.2)	
Blanket size	mm (in)	780 × 955 (30.7 × 37.6) (including aluminum bar)	
Feeder pile height	mm (in)	1,100 (43.3) (900 (35.4) without plinth)	
Delivery pile height	mm (in)	1,100 (43.3) (900 (35.4) without plinth)	
Dimensions	Length (L)	mm (ft)	12,829 (42'1") (13,011 (42'8") conventional ink-based specification)
	Width (W)	mm (ft)	3,471 (11'5") (3,419 (11'3") without plinth)
	Height (H)	mm (ft)	2,161 (7'1") (2,436 (7'12") with safety covers open) 1,961 (6'5") (2,236 (7'4") without plith, with safety covers open)

\* When performing double-sided printing using conventional ink, a margin is required on the back of the sheet for the suction wheel.  
\* Maximum printing speed may differ depending on chosen specifications and printing conditions.  
\* Performance and numbers may differ from specifications herein. Specifications may also be modified for product improvements.



37" Convertible Perfecting Offset Printing Press

Note:  
Komori reserves the right to change specifications on machines without notice to improve reliability, functions or design. Komori is under no obligation arising from use that does not correspond to the standard safety measures for the product noted herein and other precautions. The technical information in this catalog constitutes an explanation of the representative 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. Figures in specification are valid as of January 2021. Photographs and other details are subject to change at a later date.



JQA - QM3657  
JQA - PM3215  
Komori Machinery Co., Ltd.

# The Lithrone G37P advance: Unparalleled 16-page A4/letter size printing solutions providing World Class ROI

**advance**

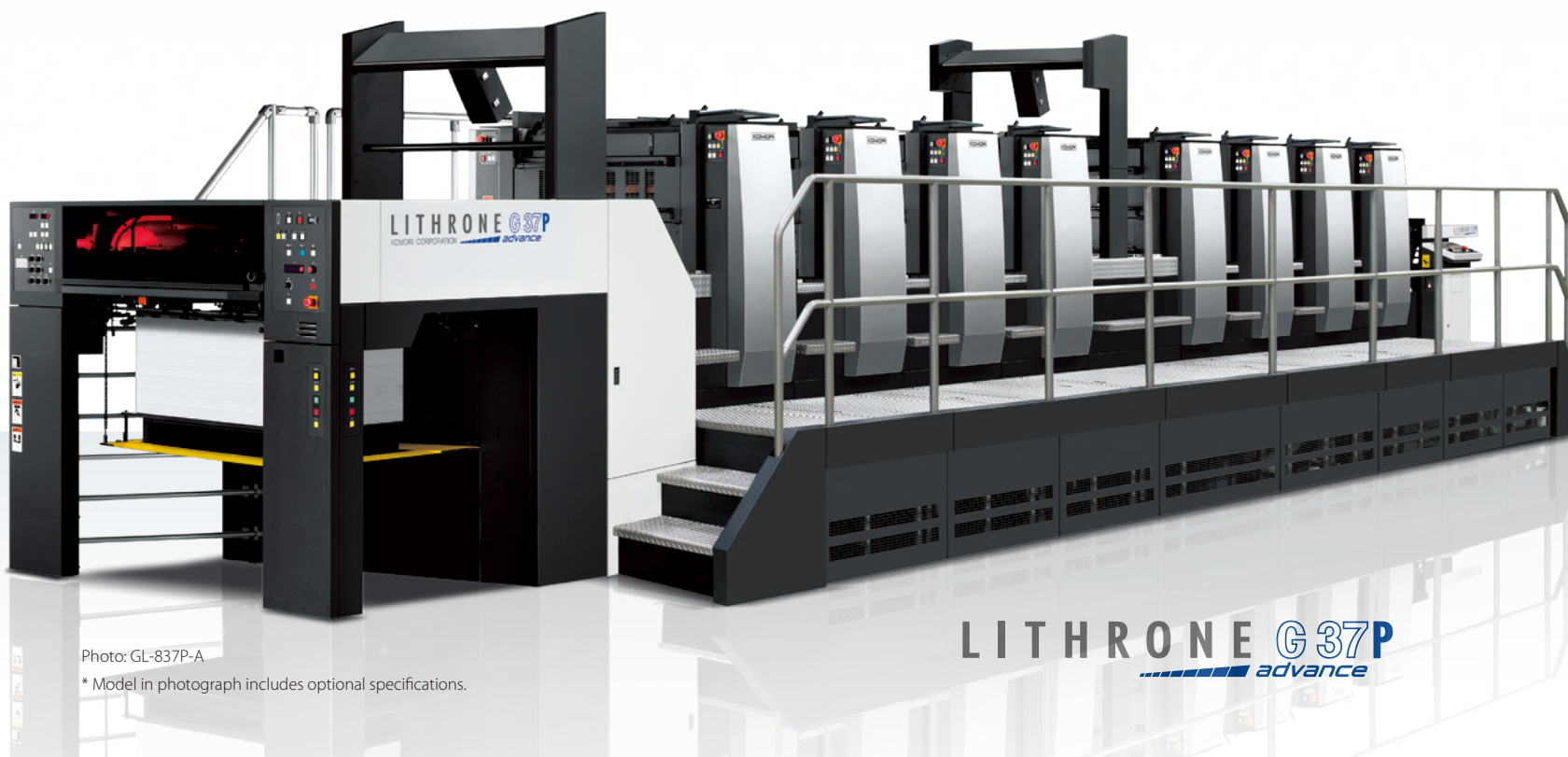
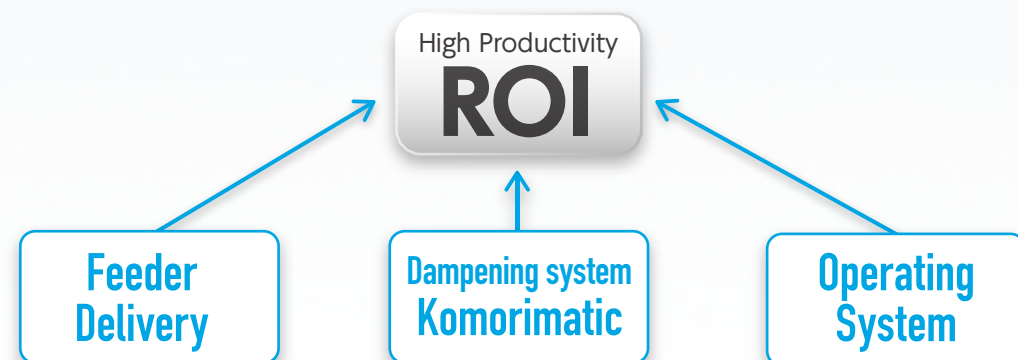
High productivity and profitability, thanks to easy operation and stable one-pass printing achieved through IoT technologies and self-learning functions

Along with the recent tide of rapid changes in the social and economic environment, major changes have been sought in the printing industry.

In particular, printing company management faces one of its most critical issues: to what extent can productivity in the printing process be raised.

As a means of solving this issue, the Lithrone G advance series delivers high productivity and print quality with easy operation. Based on the Connected Automation concept, strengthened collaboration and optimization between processes as well as high-level automation with presets based on information from high-end systems are realized, thus contributing to productivity improvement throughout the entire printing process. The Lithrone G37P advance is a compact perfecter that carries on the design concepts of the advance series while meeting two-sided printing needs. Through optimal printing size and double-sided one-pass printing, the Lithrone G37P advance offers world class ROI, particularly for 16-page A4/letter size printing.

\* ROI: Return on investment



**LITHRONE G37P**  
advance

Photo: GL-837P-A  
\* Model in photograph includes optional specifications.

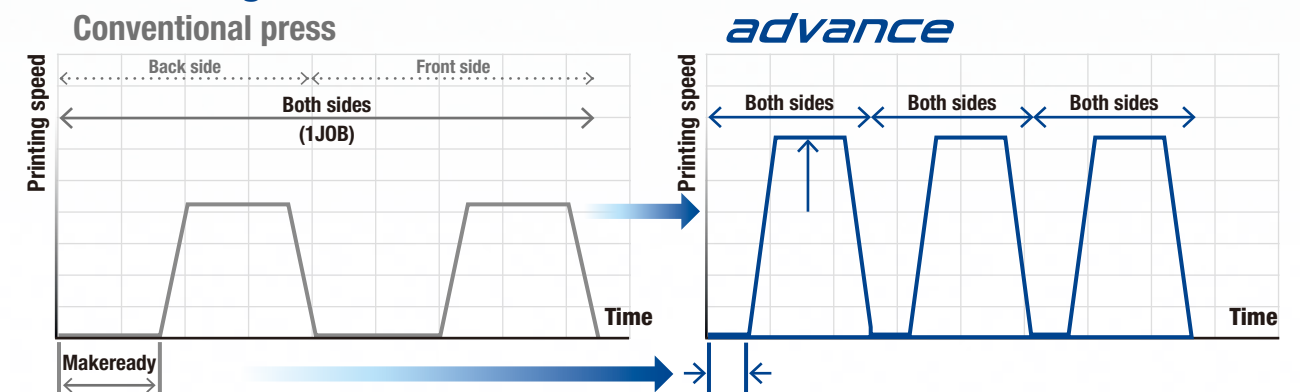
## CONNECTED AUTOMATION

### Advanced Control System and Support for Connected Automation

- Job data automatically preset by means of strengthened integration with KP-Connect Pro
- Integrated operation screen and UI aimed at operator ease of use
- Register, color and print quality are automatically controlled quickly and accurately by integration of KHS-AI's self-learning function and other Komori-developed mechatronics devices



## Reason for high ROI



## Allows a color bar on 8-up A4/letter size impositions even on double-sided prints

Max. printing area: 620 mm x 930 mm. This size accommodates the simultaneous printing of a color bar with 8-up A4/letter size impositions, even on double-sided prints. The press color bar scanner is equipped with a tracking sensor function, so center color bars<sup>\*1</sup> can be scanned automatically along with register marks for automatic color registration. The Lithrone G37P advance enables imposition for both front and back sides in the same manner as a single-sided press to support.

- \*1: Center color bar is compatible when equipped with UV/H-UV/H-UV L (LED).
- \* Printing with conventional inks requires a blank column from gripper edge to tail with a width of 12 mm for the suction wheel in the middle of the back side.

## Back side (first print), center color bars

