Specifications

LITHRONE GX40RP advance (40" Front/Reverse Multi-Color Offset Printing Press) specifications								
Model			Thin sheet, high printing speed specication		Thin sheet standard specication		Thick sheet specication	
			GLX-840RP-A	GLX-1040RP-A	GLX-840RP-A	GLX-1040RP-A	GLX-740RP-A+C	GLX-840RP-A+C
Number of colors			4 × 4	5 × 5	4 × 4	5 × 5	6 × 1	6 × 2
Max. printing speed		sph	18,000		16,500			
Max. sheet size		mm (in)	750 × 1,050 (29.5 × 41.3) (720 × 1,030 (28.3 × 40.6) special specification)					
Min. sheet size		mm (in)	360 × 520 (14.2 × 20.5)					
Max. printing area		mm (in)	740 × 1,040 (29.1 × 40.9) (710 × 1,020 (28 × 40.2) special specification)					
Sheet thickness range		mm (in)	0.04 - 0.5 (0.0016 - 0.020)				0.2 - 0.8 (0.008 - 0.031)	
Plate size		mm (in)	811 × 1,055 (31.9 × 41.5) (800 × 1,030 (31.5 × 40.6) special specification)					
Blanket size		mm (in)	935 × 1,060 (36.8 × 41.7) (920 × 1,040 (36.2 × 40.9) special specication) - including aluminum bar					
Feeder pile height		mm (in)	1,850 (72.8)					
Delivery pile height		mm (in)	1,450 (57.1)					
Dimensions	Length (L)*1	mm (ft)	20,514 (67′4″)	22,870 (75′)	20,514 (67′4″)	22,870 (75′)	22,241 (72′12″)	23,419 (76′10″)
	Width (W)	mm (ft)	4,426 (14′6″) (5,620 (18′5″) with blower cabinet)					
	Height (H)	mm (ft)	3,264 (10′9″)					

LITHRONE GX44RP advance (44" Front/Reverse Multi-Color Offset Printing Press) specifications								
Model			Thin sheet standard specication		Thick sheet specication			
			GLX-844RP-A	GLX-1044RP-A	GLX-744RP-A+C	GLX-844RP-A+C	GLX-944RP-A+C	GLX-1044RP-A+C
Number of colors			4 × 4	5 × 5	6 × 1	6 × 2	8 × 1	8 × 2
Max. printing speed		sph	15,000	13,000	15,000		14,000	13,000
Max. sheet size		mm (in)	840 × 1,150 (33.1 × 45.3) (820 × 1,130 (32.3 × 44.5) special specification)					
Min. sheet size		mm (in)	460 × 620 (18.1 × 24.4)					
Max. printing area		mm (in)	820 × 1,140 (32.3 × 44.9) (810 × 1,120 (31.9 × 44.1) special specification)					
Sheet thickness range		mm (in)	0.04 - 0.5 (0.0016 - 0.020)		0.2 - 0.8 (0.008 - 0.031)			
Plate size		mm (in)	900 × 1,150 (35.4 × 45.3) (900 × 1,130 (35.4 × 44.5) special specification)					
Blanket size		mm (in)	1,050 × 1,160 (41.3 × 45.7) (including aluminum bar)					
Feeder pile height		mm (in)	1,850 (72.8)					
Delivery pile height		mm (in)	1,250 (49.2)					
Dimensions	Length (L)*1	mm (ft)	22,787 (74′9″)	25,457 (83′6″)	25,200 (82′8″)	26,535 (87′1″)	27,870 (91′5″)	29,205 (96′)
	Width (W)	mm (ft)	5,036 (16′6″) (6,625 (21′9″) with blower cabinet)					
	Height (H)	mm (ft)	3,334 (10′11″)					

*1 Total press length includes the feeder/delivery steps and the operation stand.Dimensions will also differ if options such as a double coater, drying unit, automatic non-stop feeder, or double delivery are selected.

* The above specs require either H-UV, H-UV L (LED) or UV.

* Total press length for thick paper specs includes coater and extended delivery.

* 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.

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.

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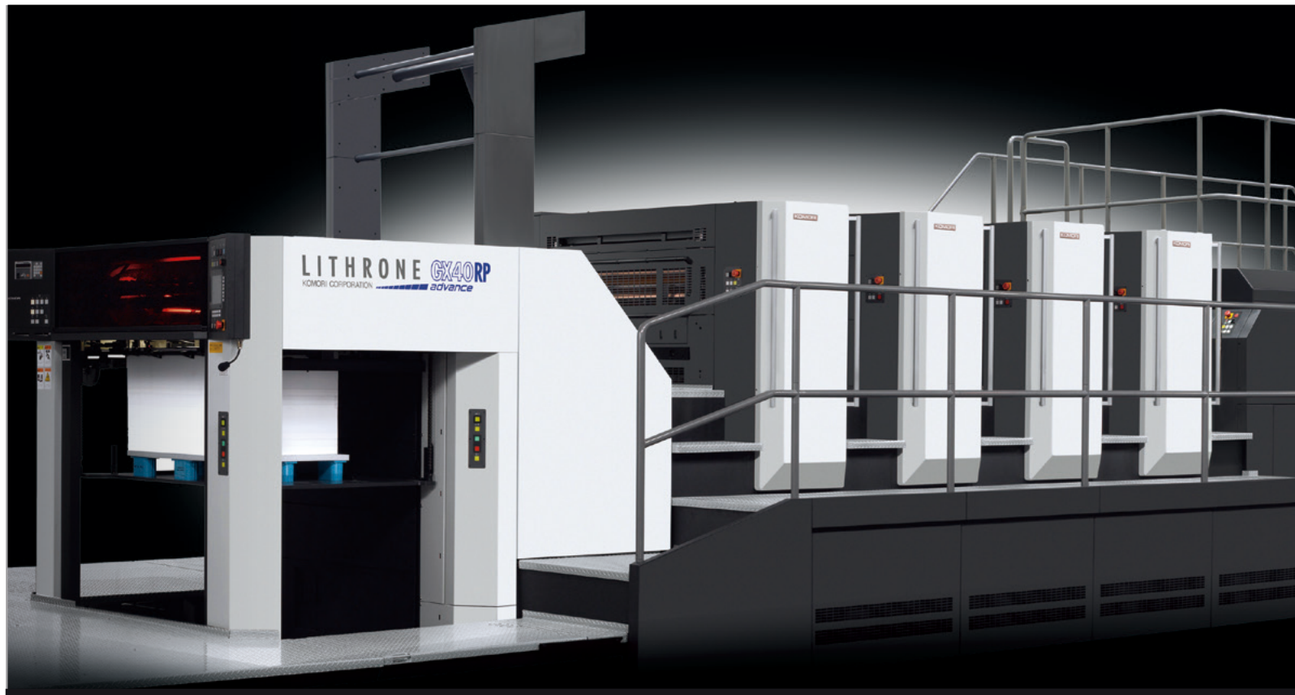
ISO 9001
ISO 14001
JQA - QMA10134
JQA - EM1949
Tsukuba Plant

GLX-40RP/44RP advance | en | JPN | 4P | N01 | 1 | Jan.2021 | 02K | MP

LITHRONE GX40RP advance
GX44RP advance



40"/44" Front/Reverse Multi-Color Offset Printing Press

KOMORI

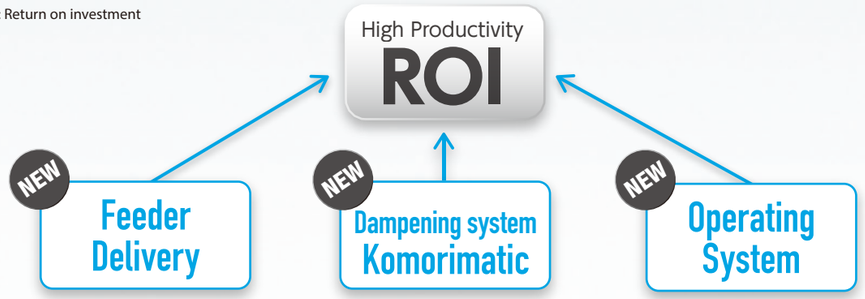
The Lithrone GX40RP/GX44RP advance: Unmatched productivity for double-sided printing

advance

A non-perfecting double-sided sheet-fed press that achieves high profits and print quality, thanks to easy operation powered by IoT and self-learning technologies

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.
Through Komori's commitment to Connected Automation, the Lithrone GX40RP/GX44RP advance solves these issues by delivering better collaboration and optimization between processes, and by allowing for high-level automation using presets based on information from upstream systems—thus increasing productivity throughout the entire printing process, and providing one of the world class ROI.
With double-sided one-pass printing built around a stable sheet path, the Lithrone GX40RP/GX44RP advance achieves impressively high production for either light or heavy stocks. Additionally, the use of a gripper transfer process that removes the need for sheet tail margins significantly reduces paper costs.

* ROI: Return on investment



- Improved feeder/delivery performance in high-speed operation
  (Stable operation with light or heavy stocks)
- Easy operation by means of automation
- Significant improvement of sheet alignment performance

- Dot sharpness and outstanding quality stability
- Color quickly acquired during makeready
- Improved suitability for high-speed, long-run printing

- Major reduction of touchpoints
- Quick and accurate feedback control by linkage between systems
- Automatic presets by KP-Connect linkage

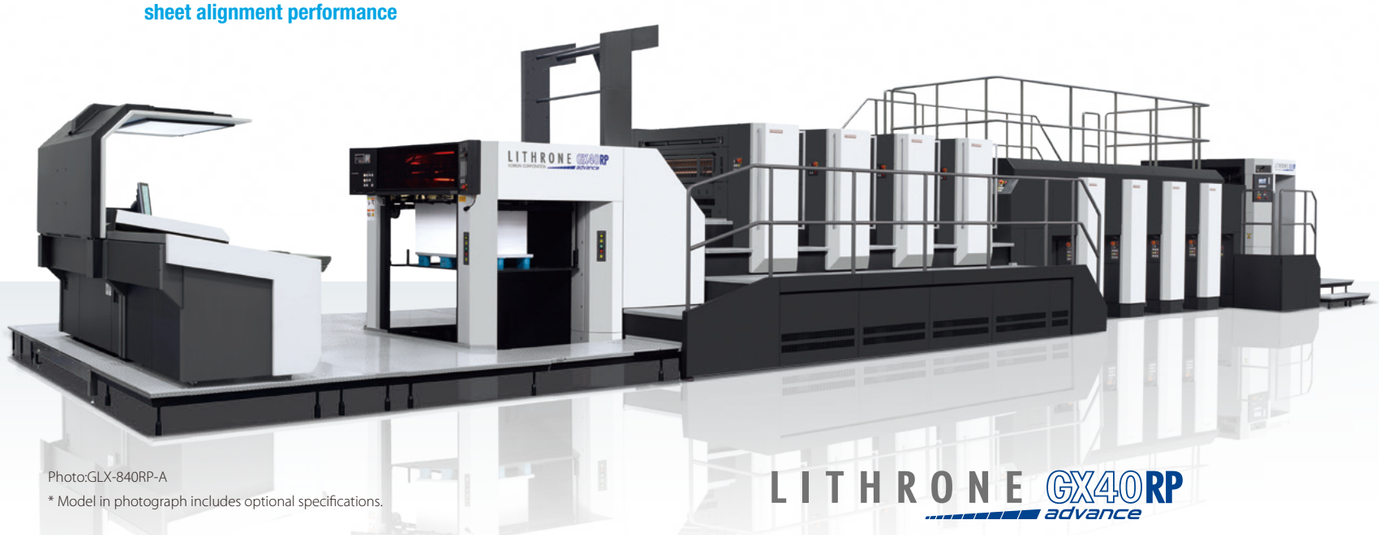


Photo:GLX-840RP-A
* Model in photograph includes optional specifications.

LITHRONE GX40RP advance

KOMORI KP-Connect

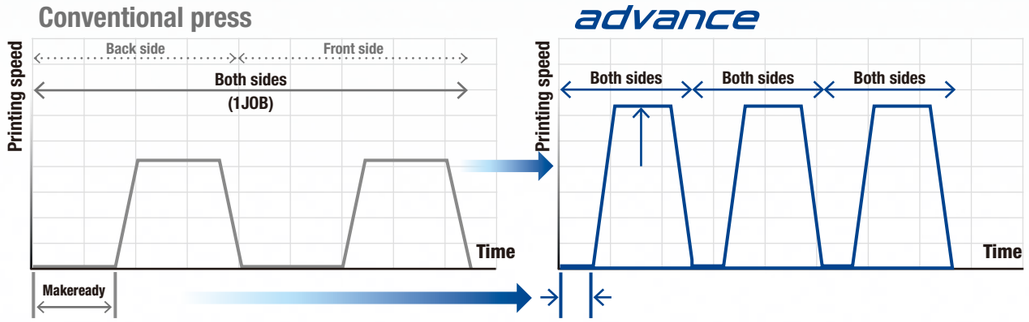
CONNECTED AUTOMATION

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

* Run length is the same



A simple design for stable operation

Simple paper transfer, with no perfecting mechanism, ensures stable operation for everything from light to heavy stocks.

No margin on the tail edge of the sheets, for lower paper costs

No margin is required on the paper's tail end, which can reduce yearly paper costs by approximately 1.4% compared to presses with perfecting mechanisms.

* Case of using 700 mm length card board to save 10 mm in tail edge.