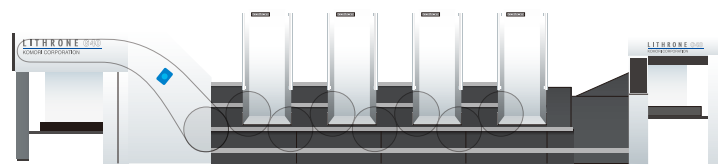
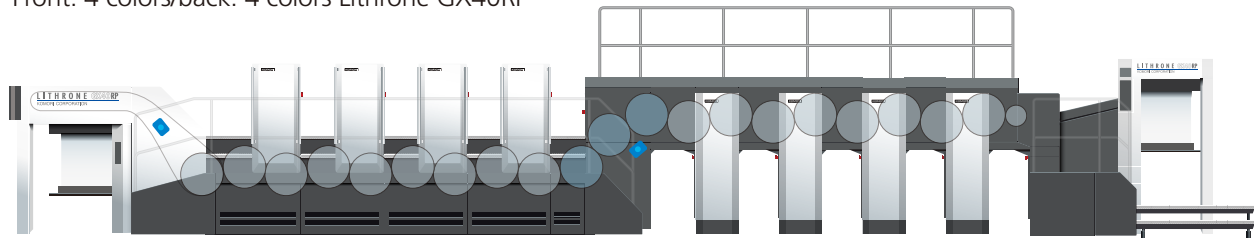



• Press Configuration Drawings

Four-color Lithrone G40



Front: 4 colors/back: 4 colors Lithrone GX40RP



 = H-UV

• Comparison of H-UV, Oil-based and UV Printing

		H-UV	UV	Oil-based
Production/quality	Quick turnaround capability	★★	★★	★
	Drying problems	★★	★★	★
	Dry-down	★★	★★	★
	Handles substrates vulnerable to heat	★★	★	★
Environment	Powderless	★★	★★	-
	Ozone-free	★★	-	★★
	Heat emission	★★	★	★★★★
	Power consumption	★★	★	★★★★
	Odor	★★★*1	★	★★★★
	Deinking possible	★★	-	★★

- N/A
★ Fair
★★ Good
★★★ Very Good

*1 Low-odor ink available
* Performance and values will vary according to specifications. Specified values may be changed for the purpose of product improvement.

H-UV Innovative Curing System



H-UV Solutions

Quality and Reliability in an Eco-friendly and Economical Innovative UV Curing System

*This brochure was printed on an H-UV-equipped press.



H-UV — Innovative UV Curing System

The Komori H-UV System is an innovative UV curing system that uses a UV lamp developed with Komori know-how and high-sensitivity UV ink. With just one lamp mounted in the delivery, this system offers high print quality and reliability as well as excellent economic and eco-friendly performance.

Advantages of **UV Curing System**



Shorter Total Turnaround Time
Extremely effective in shortening the time from receipt of materials to delivery.



Improved Quality due to Powderless Operation
None of the troubles associated with the scattering of powder granules and much easier postpress.



Reduction of Stock Space
The stock space necessary to accommodate the increasing number of short runs of varied items can be reduced.



Elimination of the Dry-Down
Simple color determination, so printing with client in attendance and production printing are easier.

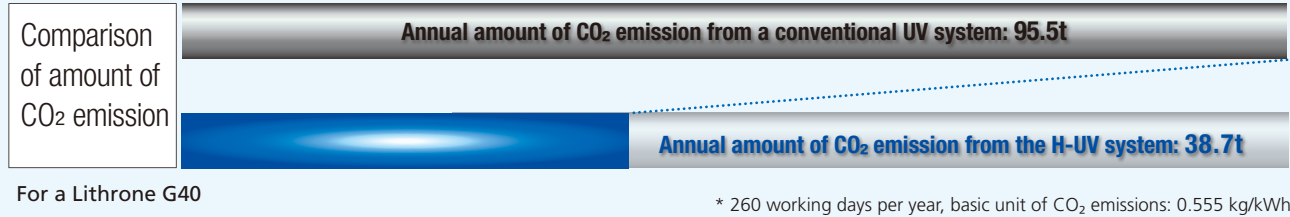
Advantages of H-UV System: **Economical**



Energy-saving and Low Running Cost
The amount of CO₂ emissions from Komori's H-UV system is about 40 percent that of a conventional UV curing system.



Budget-friendly Initial Cost
Air-conditioning equipment involving air ducts is not necessary due to compact power supply unit and because the system discharges no ozone.



Advantages of H-UV System: **Eco-friendly**



Environmentally Friendly
The H-UV system contributes tremendously to a better environment inside the printing plant because it does not discharge ozone, does not use powder and is nearly odorless.



Effective Space Utilization
Since the H-UV system is compact, installation space is minimal and no area is needed to place printed items that have not yet dried.

H-UV Solutions

High Efficiency with Komori Total Support

Komori total support helps maintain high print quality, reduction of common problems and reduced costs since all K-Supply brand consumables are supplied by Komori.

For quality control, it is essential to adjust machine conditions to meet changes in the environment and variations due to aging. Komori uses its know-how as a press manufacturer to ensure quality control by not only supplying materials but also through recommending and providing machine maintenance.



Users' Voices

- Ability to **immediately** do **reverse side printing, work and turn printing** or **postpress processing**
- **Solution to** problems of **smearing, scratches, set-off** and **dry-down**
- Capable of **high added value printing** on **special substrates** or **film**
- Excellent for short runs of **many different items** and quick turnarounds
- **Wider range of work** due to ability to print on **heavy stock** and **packaging**
- Glossiness approaching **conventional ink**
- Capable of **smoothly** handling **repeat jobs** and printing with client in attendance

K-Supply Ink KG-911

The Ideal High Performance Ink for H-UV Printing

KG-911 H-UV Ink is the ideal Komori standard ink for H-UV printing that was developed with the know-how gained through the sale of H-UV systems.

Main Features

- ① The mileage (number of sheets that can be printed per kg) is increased.
- ② Beneficial in preventing cracking during folding.
- ③ Ink misting has been reduced, ensuring clean conditions.
- ④ Paper peeling and edge picking are constrained.
- ⑤ The problem of ink backing away from the fountain roller in long runs has been mitigated.
- ⑥ Sharp dot shapes and minimal feathering.