

KOMORI

J-throne 29

REVOLUTIONARY INKJET TECHNOLOGY



J-throne 29
KOMORI CORPORATION

The B2+ sheetfed UV inkjet digital printing press realizes the world's highest-class ROI

J-throne 29

Introduction

The J-throne 29 marks a significant milestone in the evolution of printing technology, blending the legacy of offset printing expertise with cutting-edge advancements in UV inkjet technology. Boasting faster speeds, up to 6000 sph, and unparalleled precision in sheet transport, this next-generation B2+ sheet-fed printing press represents the culmination of a century-long journey in printing innovation.

The combination of high-speed production and advanced digital capabilities opens up a world of possibilities for businesses, enabling them to meet tight deadlines, accommodate ultra-small print runs, and adapt quickly to changing market demands. With the J-throne 29, users can capitalize on the benefits of digital printing while enjoying the unparalleled productivity and reliability synonymous with Komori's legacy of excellence.

Let the J-throne 29 lead your business into its next phase.



J-throne 29

6,000 Max. printing speed
sph
(single-sided)

Precoat
Not Required | Max. sheet size
23 × 29.5
(in)

Any Paper
Type | Sheet thickness
0.06 ~ 0.6
(mm)

Double-sided, Single-sided



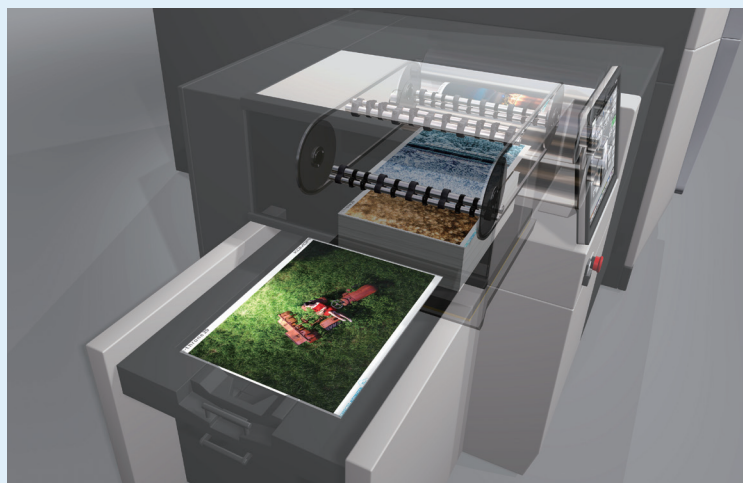
J-throne 29

Unparalleled
6,000

sheets per hour productivity (single-sided)



Combining Komori's proven sheet transport system with new proprietary image-forming technology has resulted in a best-in-class production rate of 6,000 sph single-sided and 3,000 sph double-sided.

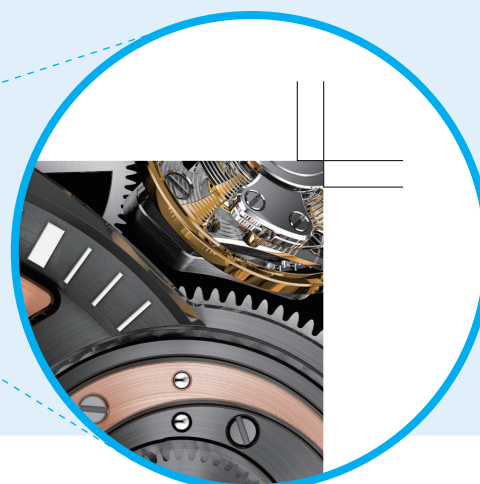


Faster and highly precise
perfecting mechanism

rooted in Komori's proven and successful offset technology



Komori's Gripper-to-Gripper paper transport system, proven on their offset printing presses, achieves highly accurate front-to-back register .



Wide range of substrate compatibility

thanks to UV ink



LED UV curable inks eliminate the necessity for pre-coated papers and paperboards, as well as numerous synthetic materials and other special substrates, making the J-throne widely adaptable to many print markets.

Thin paper : **Book**



Heavy stock : **DM**



Synthetic paper : **Menu**



Reduced operator skillset widens operator labor pool



- Fully automated print system achieves optimum quality regardless of operator experience and skill
- Intuitive and easy to learn controls reduces operator onboarding
- Low maintenance UV inkjet platform

Reduced environmental footprint contributes to a sustainable society



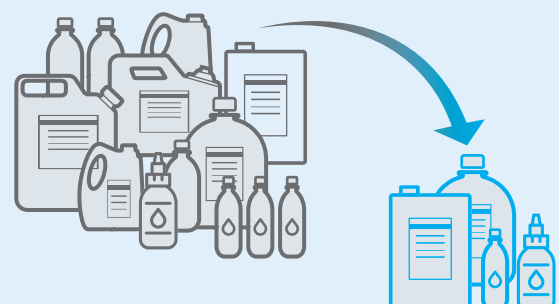
Newly developed UV ink (LED) reduces the environmental load during the printing.

Power consumption



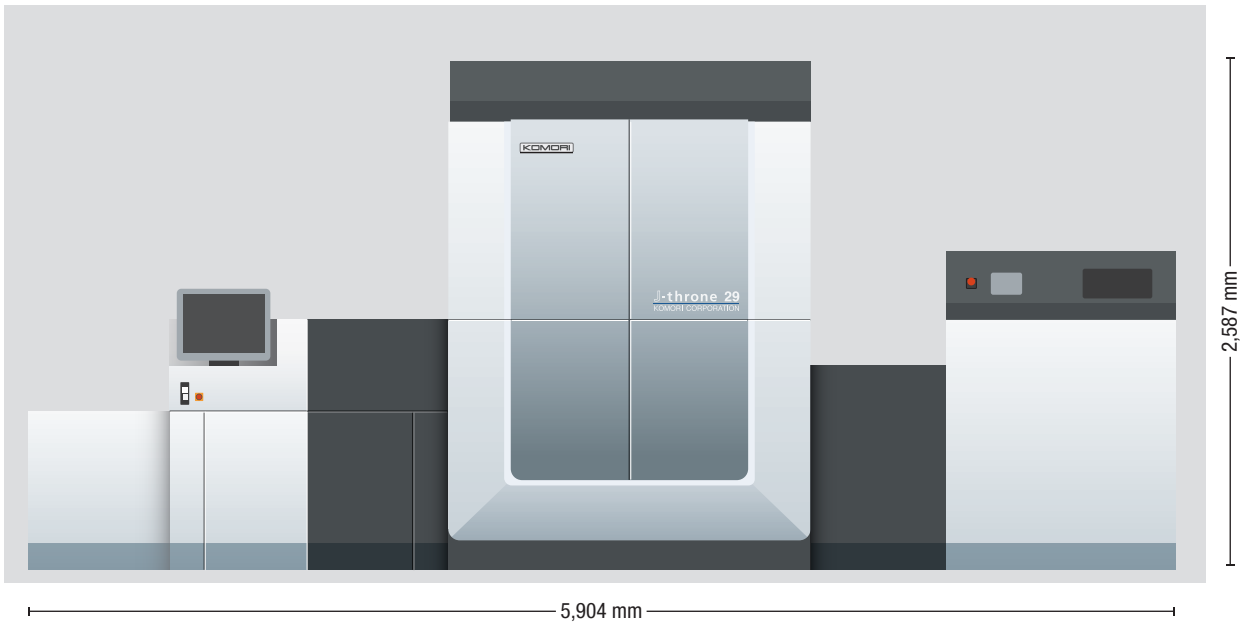
(Power consumption/sheet)

Consumables



J-throne 29

29-inch Sheetfed UV Inkjet Digital Printing Press



Specifications

J-throne 29 (29-inch Sheetfed UV Inkjet Digital Printing Press) Specifications		
Model		J-throne 29
Ink		UV Ink (LED)
Number of colors		4 (CMYK)
Resolution	dpi	1,200
Printing speed	sph	6,000 [single-sided] 3,000 [double-sided]
Max. sheet size	mm (in.)	585 × 750 (23 × 29.5)
Max. printing area	mm (in.)	575 × 735 (22.6 × 28.9) [single-sided], 575 × 730 (22.6 × 28.7) [double-sided]
Sheet thickness	mm (in.)	0.06-0.6 (0.0024 - 0.024) [single-sided], 0.06-0.45 (0.0024 - 0.018) [double-sided]
Dimensions	mm (ft.)	W 3,168 (10' 5") × L 5,904 (19'4") × H 2,587 (8'6")
Machine weight	kg (lb.)	8,280 (18,254)

*Machine dimensions and weight exclude peripheral equipments.

*Performance and values may differ depending on specification. Komori reserves the right to change specifications for the purpose of product improvement.

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 May 2024. Specifications and photographs are subject to change at a later date due to product improvements.