

In the printing industry, printers are critical components that must be carefully considered. They directly impact production capacity, print quality, and long-term costs. Therefore, selecting a printer that suits both operational needs and budget is essential.

Issue 23 :  
April - June 2025  
Quarterly Company  
Newsletter

# T.A.O. NEWSLETTER



## Turbo 90E - Save More, Print Smarter



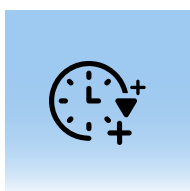
T.A.O. Co., Ltd. distributes pad printing machines from Kent Pad Printer, a manufacturer with over 50 years of experience.

### One of their most popular models is the Turbo-90

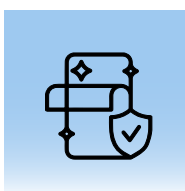
a single-color pad printer renowned for



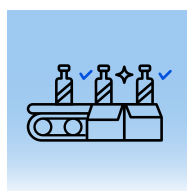
Building on its success, Kent introduced the "Turbo 90E," a budget-friendly alternative that maintains the Turbo-90's outstanding performance and toughness, making professional pad printing more accessible than ever.



Production  
Capacity



Durability



Versatile functionality  
for printing on a wide  
range of industrial  
products

## Compare the Features of the Turbo-90E with Other Pad Printers on the Market

Models	Turbo-90E (New Economic version)	Competitor's Similar Model
Ink Cup Size	Φ 90 mm.	Φ 90 mm.
Max. Speed Output (Dry Cycle)	1,800 Cycles/hr.	1,500 Cycles/hr.
Pad Cleaning Function	Automatic pad cleaning system allows for setting the number of cycles time.	No function
Pad Delay Function For Ink Transfer Efficiency	Delay before print and Dwell after print	No function
Materials and Structure Overall *	<ul style="list-style-type: none"> <li>- Bigger Safety Guard</li> <li>- Foot Switch with Excellent Mechanical Feedback</li> <li>- Simple PLC touch screen panel with 1 Job Memory to recall setting up.</li> <li>- Metal carriage stoppage (Durable)</li> <li>- Others :                             <ul style="list-style-type: none"> <li>• Wiring management with Safety Midway Insert (Comply with CCC &amp; CE Standard)</li> <li>• Meticulously assembled and casted steel machine</li> <li>• Strong and smooth movement cylinder</li> <li>• Shock absorbers be inferior to Turbo 90 but still maintain the stability and strength according to the standard</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>- Small Safety guard</li> <li>- Foot Switch with Delay Mechanical Feedback</li> <li>- Simple PLC touch screen panel: No setting saving function, so it cannot recall history setting up.</li> <li>- Plastic carriage stoppage (Non-Durable)</li> <li>- Others :                             <ul style="list-style-type: none"> <li>• Easy wiring management</li> <li>• Poorly assembled and casted machine structure may affect durability and internal damage</li> <li>• Smaller cylinders may not be as stable</li> <li>• Low quality shock absorbers (Noisy; ineffective compact absorption)</li> </ul> </li> </ul>
Printing Result	+/- 0.25 mechanical accuracy	No Guarantee



The Turbo 90E offers overall functionality similar to the Turbo 90, but at a more affordable price, while maintaining excellent performance.

When selecting a pad printer, it is essential to prioritize both product quality and production costs to ensure the best value and suitability for your operations.

At T.A.O. Co., Ltd., we are ready to support and consult with customers in choosing the right pad printer for their needs. We also provide technical services to help maximize your production efficiency.



# 70TH ANNIVERSARY OF KOENIG & BAUER KAMMANN

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### Congratulations on Koenig & Bauer KAMMANN's 70th Anniversary

T.A.O. would like to extend our heartfelt congratulations to Koenig & Bauer KAMMANN. We also want to commend the continuous success driven by the development of printing technology over the past seven decades.

### Market Leadership

Koenig & Bauer KAMMANN has proven itself as a leader in the printing machine market, gaining recognition for its exceptional performance in printing with precision.

The machines are capable of printing on various article shapes.

The company has introduced innovative printing technologies, such as emboss printing.

The machines themselves are known for their robustness and stability, ensuring consistent and reliable performance for long-term printing production.

With these outstanding features, Koenig & Bauer KAMMANN has secured its position as a market leader in both screen printing and digital printing.



*First  
production  
hall (1962)*



*At present  
(2025)*



### Technology Development

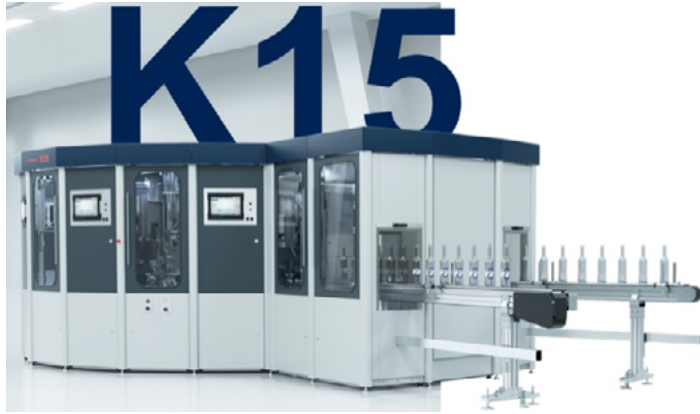
Koenig & Bauer KAMMANN for the Glass, Plastic and Metal container-packaging industry

*Some of the developments of Koenig & Bauer KAMMANN*

<p><b>1955</b> First Screen Printing Machine "K10"</p>		<p><b>2010</b> Fully Automatic Rotary Machine "K15"</p>		<p><b>2024</b> Compact Digital Printing Machine "K4 DP"</p>
	<p><b>2005</b> Fully Automatic Linear Screen Printing Machine "K9 V"</p>		<p><b>2021</b> High-speed glass screen printing machine "HS 300"</p>	

## Advances in technology and options to meet user needs

To celebrate this 70th anniversary, we present the outstanding features of the K15, HS300 and K4 DP machine that have been recognized in the global market.



### KAMMANN K15

With its multifunctional platform, this rotary printer is highly flexible and can print on a variety of shapes.

The screen printing system can print at a speed of up to 200 pieces per minute (Double-use technology) And the digital printing system can print at a speed of up to 65 pieces per minute.

In addition, it can be equipped with a Hot stamping foil unit and additional labeling unit.

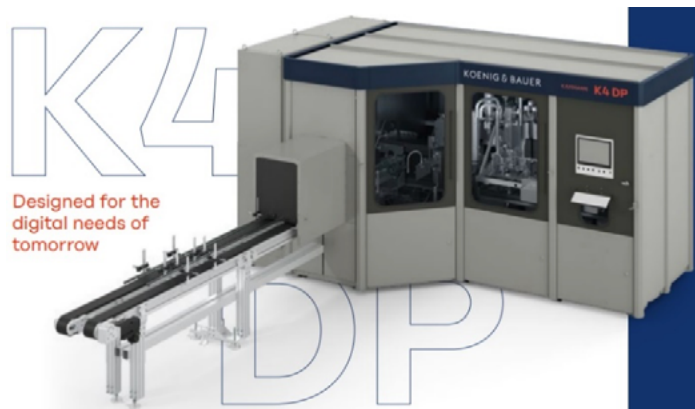


### KAMMANN HS 300

HS300 is the world's fastest screen printing machine for glass bottles

Screen printing speed up to 300 bottles per minute (for round glass bottles)

This is a machine that can meet the needs of industries with high production volume and high printing speed, such as the beverage industry.



### KAMMANN K4 DP

Digital printing machine that is designed to be compact in size and price

The machine still has the ability to print a variety of shapes

Digital printing system with basic CMYK and can also create value-added with special embossed printing.

Maximum printing speed 8 pieces per minute (normal thickness printing)

T.A.O. Bangkok Corporation Co., Ltd. as a distributor is pleased to be a part in presenting high-quality printing machine with advanced technology from Koenig & Bauer KAMMANN to our customers in the glass, plastic and metal container-packaging industries.



# T.A.O. Shares Experience at Glassman Asia 2025 in Collaboration with Koenig & Bauer Kammann GmbH

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### T.A.O. Shares Experience at Glassman Asia 2025



At the recent Glassman Asia 2025, T.A.O. was honored to take part in showcasing innovation alongside global technology leader Koenig & Bauer Kammann GmbH

a renowned specialist in high-speed printing systems for glass container decoration. During the event, T.A.O. had the opportunity to share its experience and insights on the development of the packaging industry in Thailand and the Asia region. A key highlight at the KAMMANN booth this year was the **HS300 high-speed printing machine**.

#### HS300 - A Breakthrough Innovation in High-Speed Glass Packaging Decoration

The KAMMANN HS300 attracted significant attention from visitors, thanks to its impressive capability of decorating up to 300 bottles per minute. Equipped with precise screen-printing technology and advanced servo motor systems, the HS300 ensures consistent, high-quality production even when applying multiple layers of color.

The strength of the HS300 lies not only in its speed but also in its versatility and adaptability to various container shapes. It supports up to 8-color printing, making it ideal for the premium beverage and packaging industries.



#### A Partnership that Creates New Opportunities in the Industry

This collaboration with Koenig & Bauer Kammann GmbH marks an important milestone for T.A.O. in driving innovation and advancing the packaging industry across Southeast Asia, raising production standards to a global level.

T.A.O. would like to thank all visitors who took the time to visit the booth at Glassman Asia. We are dedicated in our commitment to pioneering advanced technologies and delivering solutions that drive sustainable industrial growth.





## T.A.O. Unites to Preserve the Songkran Tradition



*In celebration of the Songkran Festival*

**The executives and staff of T.A.O. came together to participate in meaningful cultural activities**

including the ceremonial bathing of Buddha images and the traditional pouring of water over the hands of respected elders to seek their blessings. These cherished customs have been passed down through generations.

Such traditions reflect the beauty of Thai identity and promote values of gratitude, respect, and unity within society. T.A.O.'s participation in these activities demonstrates the company's commitment to preserving and carrying forward the cultural heritage that makes Songkran a special time of year.

Khun Apichart attends the ceremonial bathing of Buddha altogether with T.A.O.'s family.