

Flatbed Screen Printing Machine

Let's Be Brilliant!

More than just a manufacturer, we are pioneers exploring new frontiers. We are creators dedicated to bringing color to the world. Welcome to a place where your visions become reality, because we are passionate about PRINTING YOUR DREAMS COME TRUE

Company Profile

History

KEYCHENG has been a prominent presence in the global textile printing industry since 1968. Over the years, we have taken pride in prioritizing our customers, helping them achieve distinctive, lasting, and substantial improvements in their printing performance. We also believe in leveraging technology as a strategic tool and innovative solution to address pressing global challenges. Our award-winning innovations stand as a testament to our brilliant teamwork and a culture focused on customer success.

58 Patents
Claim

Core Values

Our approach is founded on four key pillars: "Embrace and Lead Innovation," "Prioritize Positive Customer Experiences," "Cultivate a Knowledge-Sharing Culture," and "Appreciate Environmental Sustainability."

04 Pillars
Support

Global Presence

To bridge the gap between our customers and suppliers, we leverage our strengths through an extensive international network of manufacturing facilities and distribution centers across continents, including Shanghai, Zhejiang, Taipei, Bangkok, Bangladesh, Istanbul, Cairo, Dhaka, etc.

22 Countries
Global Market

KC-7

Blanket/Towel

Fully Automatic Magnetic-Roll Flat Screen Printing Machine

Featuring the most advanced automatic pre-coating technology, the KC-7 precisely regulates the application of coating chemicals based on the characteristics of various fabric types. Furthermore, the independent printing bases enable precise adjustments of magnetic force and squeegee speed, ensuring superior penetration effectiveness.

KC machines are crafted to perform superbly. We unite fine craftsmanship with time-honored designs, bringing creations that propel your career to new heights, with classic heritage and refined excellence.

Specification	
Printing Accuracy	±0.2 mm
Printing Speed	10m-30m/min
Number of Squeegee Strokes	Single/Double/Multiple (0-9Times)
Lifting Height	Max. 80 mm



Precision-Engineered Independent Printing Units

- Each set of printing bases can be controlled individually, allowing for customization of lifting height, printing speed, width, squeegee stroke, etc.
- The selection of magnetic rods with varying thicknesses enables the adjustment of magnetic force to achieve different levels of ink penetration.

Premier Automatic Pre-Coating Technology

- Through end-to-end control hubs, real-time data is transmitted to the computer system for precise control of ink while continuously monitoring machine operations.
- The automation of the production line significantly enhances printing efficiency, reducing the need for manual labor and technical expertise.

Synchronous Screen Elevation Mechanism

- The squeegee and screen frame operate in synchrony, effectively reducing printing cycle times, increasing speed, and boosting output.
- During large-area printing, this system effectively prevents blemishes on printed fabric caused by adhesion between the fabric and the screen.

Explore More Features:

- Double/Multipul Printing Channel: Multiple printing channels can be configured.
- Highly Versatile Fabric Feeding System: The fabric is evenly applied to the pressure rollers without tension.
- Powerful In-Line Belt Washing Unit: ensures thorough cleaning of dirt and removal of residual adhesive and ink.

KC-8-2V

Knitted Fabric Double-Servo Squeegee Flat Screen Printing Machine

This machine offers exceptional mechanical stability, ensuring crisp pattern lines and vibrant color. Designed for professional printing on premium textiles and intricate designs, it features an advanced central control system that optimizes performance for various applications and fabric types.

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Specification	
Printing Accuracy	±0.1 mm
Printing Speed	20m-25m/min
Number of Squeegee Strokes	Single/Double/Multiple (0-9Times)
Squeegee angle	0°-25°



Precision-Optimized Fabric Feeding System

The latest fabric feeding system features a tension-free design with a central control system, infrared sensors, and synchronous motors. It ensures precise pattern registration and wrinkle prevention while synchronizing printing and drying processes for optimal efficiency and energy use.



Multi-Angle Squeegee for Strong Penetration

The machine features an intelligent remote system for adjusting squeegee height, speed, pressure, and angle (0° to 25°) based on fabric type. This flexibility ensures perfect alignment with fibers, enhances ink absorption and color fastness, and improves durability for superior printing results.



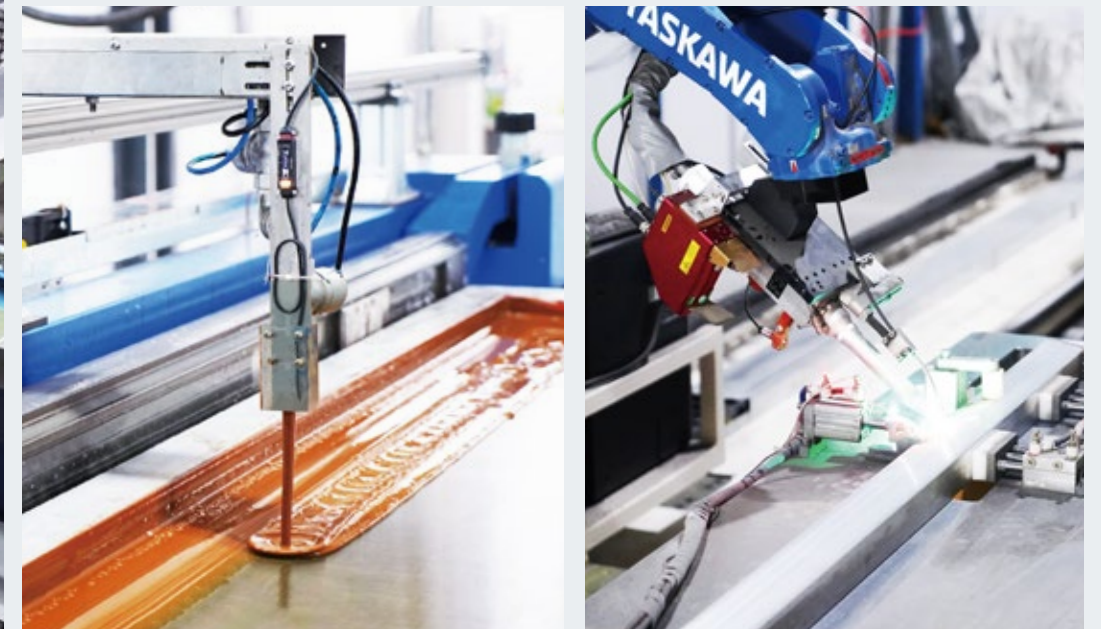
Energy-Efficient Circulation Dryer

The STEEL ON conveyor belt features a smooth, breathable, and durable design with a high-speed air circulation system, high-temperature-resistant motor, and louvered fan. Its efficient hot air circulation ensures moisture removal, while an automatic energy adjustment reduces consumption by 30%.



Dual Servo for High-Stability Printing

The latest model features a dual-servo drive system that enhances production efficiency and ensures high printing precision. With speeds up to 1,500 meters per hour and ±0.1 mm pattern registration accuracy, the KC-8-2V delivers vibrant colors and smooth lines, offering exceptional performance for premium textile printing.



Green Smart Factory

EXTRA Intelligent, EXTRA Eco, EXTRAordinary

In response to advancements in modern technology, KEYCHENG is actively promoting the "Green Smart Factory" providing industrial automation solutions. We assist clients in transforming manufacturing methods and resource organization to optimize factory operations, improve yield, reduce operational costs, and collaboratively build a sustainable future.

Unmanned Screen Frame Conveyor System

This system includes automated conveyor frames and loading/unloading frames, utilizing SMART avoidance mechanisms and laser guidance systems for precise alignment. It efficiently handles heavy and numerous aluminum frames, optimizing labor allocation and reducing process costs by up to 30%.

Automatic Coating Mixing Device

The system integrates environmental data collection and connects to pulping equipment, enabling real-time project tracking. It allows flexible scheduling and volume adjustment for mixing, while an automatic closed-loop cleaning system effectively removes contaminants and maintains equipment integrity.

Collaborative Robots

Collaborative robots feature self-learning programming, allowing easy operation for users without prior experience. Their compact and flexible design enables installation at any workstation, making them ideal for repetitive, customized applications with strict precision requirements, delivering excellent and cost-effective results.

**Print Your Dreams
Come True.**



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