



Print & Apply Labeler

Pallet Labeling Systems

By minimizing errors and cutting warehouse costs, the QKE Pallet Labeling System provides an automated and reliable solution for efficient pallet labeling.

- Designed to integrate seamlessly with both existing and newly designed material flow systems, the QKE pallet labeling system boasts a modular architecture that facilitates quick and easy configuration. Adaptation. This flexibility allows the standard system to be tailored to meet specific customer needs.
- By leveraging high quality components and a programmable Siemens S7 controller or Microprocessor, a highly adaptable system has been designed to meet unique requirements.



Built-in productivity

- By harnessing cutting-edge technology and streamlining operations, we can unlock peak performance.
- Our commitment to excellence is reflected in the design of our products, which boast rugged enclosures, precision-engineered mechanics, intuitive software, and innovative interfaces that stay ahead of the curve.

Uptime Advantage

- When it comes to conveying direction, options range from single-sided labels on the long side to more comprehensive approaches.
- For instance, the CCG/GS1 method involves labelling both the long side and back of an item. Alternatively, a three-sided approach can be used, with labels applied to the front, length, and back.
- Additionally, servomotors can be employed to facilitate height and lateral movement, if required. Furthermore, marking can take place during either operational or stationary phases.

Simple usability

- Simplified user training is facilitated by on-board video tutorials, while the compact design enables seamless integration.
- Furthermore, wireless connectivity is ensured through embedded Wi-Fi, allowing effortless linking to production and warehouse management systems.
- Additionally, an optional secondary interface can be utilized in secure or restricted areas.

Code Assurance

- With the built-in Code Assurance software features, you can significantly reduce the risk of operator mistakes, ensuring accurate product coding.
- The integrated bar code scanner performs a triple check, detecting label errors, verifying readability, and authenticating codes. This automated process enables the system to reprint or reapply faulty labels, eliminating the need for manual rework.
- Additionally, the system allows for the precise application of GS1-compliant bar code labels on up to three sides of a pallet

Pallet Labeling Applicator

Application method

Pneumatic / Servo Tamp
Swing Arm

Print technology

Thermal Transfer / Direct Thermal

Print resolution

203 DPI | 300 DPI | 600 DPI

Print speed

Up to 16 ips (425 mm/s)

Throughput

Up to 20 pallet per minute (depending on label size, telescopic stroke)

Ribbon specification

Up to 600m

Label specification

Width/length: 5.9 to 6.9" / 4.0 to 8.3" (150 to 175mm / 100 to 210mm); A5/A6

Capacity: Up to 330mm spool diameter

Print capabilities

Full downloadable font support using TrueType® fonts (including multiple languages and Unicode support); fixed, variable and merged text fields; flexible date/time formats; flexible shift code formats; auto best before date calculations and concession management; calendar rules; auto incrementing decrementing text, counters and bar codes; multiple graphic formats supported (up to maximum print area); link fields to databases; scalable text and text blocks

Connectivity

Ethernet, Power-over-Ethernet, RS232, Configurable I/O (24V, PNP and volt free)

USB (for backup/restore and label upload)

Bar codes supported

1-D Barcodes: China Postal Code, Codabar, Code 11, Code 32, Code 39, Code 93, Code 128 (subset A, B, C), EAN-8/EAN-13 (with 2 & 5 digits extension), EAN 128, FIM, German Post Code, GS1 DataBar, HIBC, Industrial 2 of 5, Interleaved 2-of-5 (I 2 of 5), Interleaved 2-of-5 with Shipping Bearer Bars, ISBT-128, ITF 14, Japanese Postnet, Logmars, MSI, Postnet, Plessey, Planet 11 & 13 digit, RPS 128, Standard 2 of 5, Telepen, Matrix 2 of 5, UPC-A/UPC-E (with 2 or 5 digit extension), UCC/EAN-128 K-Mart, Random Weight and Pharmacode

2-D Barcodes: Aztec code, Code 49, Codablock F, Datamatrix code, MaxiCode, Micro PDF417, Micro QR code, PDF417, QR Code, TLC 39, GS1 Composite, DotCode, Marco PDF 417

Compressed air

Compressed air, 2-3 CFM, 60 psi

Power consumption

115 Volts AC 60Hz 8 Amps | 220 Volts AC 50Hz 4.0 Amps

Operating environment

Temperature Range: 41-104°F (5-40°C)

Humidity: 20-85% Relative, non-condensing



New quote: +84 (0)838.03.06.09

Call **+84-838-03-06-09**

Email **sales@qke.vn**

or visit **www.qke.vn/en/**

QKE© Global

4th Floor Dong Nam Building, 322 Tay Thanh, Tay Thanh Ward,
Tan Phu District, Ho Chi Minh City, Vietnam

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