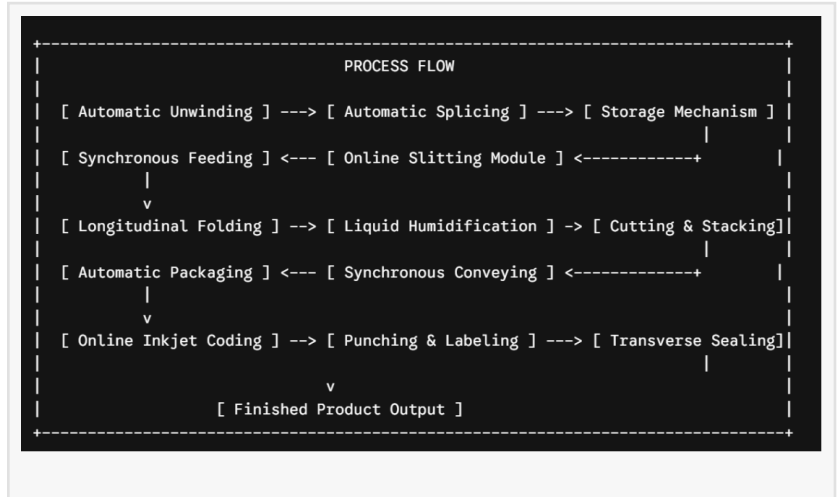


DACHANG: Providing China Best Full-Auto Wet Wipes Folding Machine Service with CE Certification

QUANZHOU, CHINA, June 16, 2026 /EINPresswire.com/ -- The global hygiene industry has witnessed a significant transformation over the past few decades, driven by increasing consumer awareness regarding health, sanitation, and convenience. At the heart of this evolution is the technological advancement of production equipment, which allows manufacturers to meet skyrocketing market demands while maintaining stringent quality control. A key factor in establishing operational superiority in this highly competitive landscape is securing a reliable partner capable of delivering high-grade machinery alongside turnkey technical support. By optimizing production lines with a commitment to regulatory excellence, manufacturers can achieve optimal throughput and seamless operations. Industry players seeking to optimize their production infrastructure often look toward specialized providers that combine deep manufacturing expertise with recognized international standards, such as the [China Best Full-Auto Wet Wipes Folding Machine Service](#).



Navigating International Trade Standards with CE Certification

International trade and cross-border manufacturing partnerships necessitate adherence to rigorous regulatory frameworks. For industrial machinery operating within or exported to the European Economic Area, Conformité Européenne certification serves as an essential benchmark. This CE is not merely a bureaucratic formality; it represents a comprehensive declaration by the manufacturer that the equipment complies with the essential health, safety, and environmental protection requirements set forth in the applicable European Directives. Specifically, for automated manufacturing setups, the verification protocol examines crucial dimensions including mechanical safety, electrical compatibility, control system reliability, and operational risk mitigation.

How CE Certification Verifies Equipment Safety and Operational Reliability

During the assessment process, third-party notified bodies conduct exhaustive evaluations of

the machinery's architecture to award the CE. The scope of examination encompasses the integration of emergency stop mechanisms, the isolation of high-voltage components, the structural integrity of moving parts, and the mitigation of acoustic and thermal emissions. For automated converting systems, the control software and electrical enclosures are scrutinized to prevent hazardous malfunctions resulting from voltage fluctuations or software anomalies. Achieving this certification indicates that the production lines meet international standards, safeguarding operators and minimizing the risk of unplanned downtime due to mechanical failures.

For global consumer goods brands and contract manufacturers, purchasing machinery with verified safety standards provides concrete operational assurance. It serves as an objective endorsement of a manufacturer's engineering discipline, demonstrating that risk assessment has been integrated directly into the product design phase. This level of compliance accelerates factory commissioning, simplifies local regulatory audits, and lowers liability insurance premiums. Furthermore, it reassures international buyers that the output—whether baby wipes, cosmetic pads, or disinfectant sheets—is generated by systems that prioritize process consistency and workplace safety. This rigorous verification establishes a foundation of technical credibility that strengthens relationships in competitive commercial markets.

Twenty-Five Years of R&D Excellence and Proprietary Technology Evolution

The integration of scientific research, industrial engineering, and international commerce is exemplified by pioneering equipment developers who have shaped the domestic automation landscape. Since the late 1990s, the development of specialized automated converting systems in China has transitioned from basic mechanical replication to sophisticated, proprietary technological innovation. Early industry milestones included the engineering of the country's first fully integrated automatic wipe forming and packaging system. This breakthrough laid the foundation for a succession of specialized production configurations, including high-capacity baby wipe production lines, compact portable wipe lines, individual single-sheet systems, and high-speed rotary lid applicators.

Maintaining an industry-leading position over a quarter of a century requires continuous investment in research and development, backed by robust precision-machining infrastructure. The commercialization of proprietary intellectual property is a reliable indicator of technical capability. For instance, the accumulation of 59 national patents, all successfully integrated into commercial machinery, underscores a sustained commitment to solving practical workshop challenges. These innovations typically target the optimization of mechanical linkages, the precision of fluid dosing systems, and the synchronization between folding units and high-speed packaging modules. By resolving complex engineering bottlenecks, these advancements have established a standard for reliability in the domestic and international machinery sectors.

Technical Case Analysis: Deep Integration of the DC-2070B Production System

To understand the practical application of these automated systems, it is highly instructive to examine a specific production asset, such as the DC-2070B full-auto high-speed cross-folding wet wipes machine. Designed to address the growing market for portable, travel-sized hygienic products, this system handles small-format packaging ranging from 5 to 30 pieces per pack. The

machinery is engineered with a dual-lane configuration that operates at a stable production velocity of 70 to 80 bags per minute, translating to a material throughput of 700 to 900 pieces per minute. This capability enables manufacturers to execute high-volume production schedules with a minimal equipment footprint.

The process flow within this production setup demonstrates advanced mechanical and digital integration. Operation begins with the automatic unwinding of the raw material, utilizing non-woven spunlace webs with a basis weight ranging from 35 grams per square meter to 80 grams per square meter. The web is directed through an automatic splicing mechanism that links successive material rolls without halting the system. Following material storage and an online slitting module, the non-woven material undergoes synchronous feeding into the longitudinal folding assembly. Here, precise mechanical guides manipulate the substrate into the required configuration before it passes through a liquid humidification system. This fluid dosing system is supplied by a 400-liter agitating tank, ensuring uniform lotion distribution across the web prior to mechanical cutting, cross-folding, and volumetric stacking.

Once the folded sheets are stacked and counted, they are transferred via a synchronous conveying system into the packaging section. The packaging film—typically a multi-layer composite such as PET/PE or OPP/PE, including aluminum barrier films—is prepared via an automatic film splicing unit. The continuous packaging material undergoes automated die-cutting for the opening tab, followed immediately by the application of the resealable label via an integrated labeling head. The stacked wipes are then enclosed within the formed film wrap, sealed longitudinally, subjected to precise air pressure equalization, and separated via a transverse heat-sealing and cutting jaw assembly to yield the finalized, shelf-ready product. From an engineering perspective, the efficiency of the DC-2070B is rooted in its continuous-operation features. The integration of automatic cloth splicing, automatic film splicing, and automated label switching significantly reduces the downtime typically required for material changeovers. This continuous processing capability ensures that the system maintains its rated output across extended shifts. Operator interaction is managed via a centralized human-machine interface, which allows for the digital configuration of dimensional parameters, temperature profiles for the sealing jaws, and precise synchronization of fluid injection. This digital control framework keeps mechanical tolerances tight, with unfolded sheet sizes adjustable from 140 mm to 200 mm in both length and width, and folded configurations maintained within strict tolerances.

Maximizing Factory Floor Yield and Mitigating Long-Term Operational Risks

Ultimately, the choice of manufacturing equipment dictates the long-term viability and profitability of a consumer tissue brand. As regulatory bodies worldwide enforce stricter safety and hygiene protocols, relying on uncertified or technologically outdated machinery presents significant operational risks. Partnering with established engineering organizations like [DACHANG](#) provides manufacturing facilities with access to robust R&D capabilities, extensive patent-backed technologies, and equipment designed for international regulatory compliance. This comprehensive approach to machinery service allows global producers to scale up operations smoothly, maintain rigorous product quality, and satisfy evolving consumer

expectations.

For further information regarding automated wet wipes production systems, complete technical parameters, and available equipment configurations, please visit the corporate website at <https://www.wipesmachinery.com/>

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