

Award-Winning Performance: Why DJPACK's Vacuum Skin Packaging Machines Are Industry Favorites



Wenzhou, Zhejiang Apr 21, 2026 ([IssueWire.com](http://www.IssueWire.com)) - As the global food industry shifts toward higher standards for shelf-life extension and premium shelf presentation, Wenzhou Dajiang Vacuum Packaging Machinery Co., Ltd. (DJPACK) continues to set benchmarks in preservation technology. With the increasing demand for sustainable, high-efficiency, and low-waste solutions, the company's latest [Leading Vacuum Skin Packaging Machine](#) series has emerged as a cornerstone for processors seeking to balance aesthetic appeal with rigorous safety standards.

Founded in 1995, DJPACK has evolved from a regional manufacturer into a global innovator in the packaging sector. Operating dual high-tech production facilities in Wenzhou, Zhejiang province, and Nanjing, Jiangsu province, the company integrates decades of research and development to address the complex challenges of modern food logistics. By focusing on "quality first and integrity-based" operations, [DJPACK](#) has secured international trust, exporting advanced machinery to critical markets across Europe, North America, Canada, Australia, and Southeast Asia.

Precision Engineering: The DJL-330VS and DJL-440VS Series

In industrial packaging, performance is measured by the synergy between mechanical speed and vacuum integrity. The DJL series floor-type vacuum skin packaging machines represent this balance, specifically designed to withstand the high-humidity and high-intensity environments of modern food processing plants. Unlike standard desktop units, these floor-type models are built with a heavy-duty chassis to ensure structural longevity and operational stability.

The **DJL-330VS** is the preferred choice for facilities prioritizing precision and floor-space optimization. In practice, its single-cavity capacity (390mm × 270mm × 50mm) is ideal for large, premium cuts of meat, such as ribeye steaks or whole seafood fillets, ensuring the film follows the natural bone and muscle structure without "bridging" or trapping residual air. For smaller, retail-ready portions, the dual-cavity configuration (270mm × 180mm × 50mm) allows operators to double output instantly. Equipped with a 40 m³/h vacuum pump, the 330VS achieves a deep vacuum that effectively "locks" the proteins in place, preventing juice migration even when the tray is handled roughly or displayed vertically in a retail cooler.

In contrast, the **DJL-440VS** is the heavy-duty workhorse of the range. Its 100 m³/h vacuum pump is not just about speed; it provides the massive suction power required for high-moisture products like marinated meats or wet-aged steaks. This increased capacity ensures that air is evacuated so rapidly—reaching nearly absolute vacuum in seconds—that moisture does not have time to be drawn into the sealing area, maintaining a perfect seal every time. With a net weight of 370 kg and a reinforced frame, the 440VS remains vibration-free during peak operation, a critical factor for maintaining long-term sensor accuracy and mechanical alignment in 24/7 production cycles.

Operational Efficiency and Real-World Output

The hallmark of a superior packaging machine lies in its cycle speed and its ability to maintain that pace without operator fatigue. Both the DJL-330VS and DJL-440VS maintain a consistent packaging speed of 2-3 cycles per minute. While this might appear conservative on paper, the real-world application in a synchronized production line translates to significant commercial throughput.

In a practical production scenario, this steady rhythm prevents the "bottleneck effect" often seen with faster but less reliable machines. For a processor utilizing the DJL-440VS with a double-cavity setup for standard 260mm x 180mm trays, the machine delivers 4 to 6 finished packs every minute. When factoring in the ergonomics of the loading area and the quick-release mold system, an operator can comfortably manage a continuous flow. Over an eight-hour shift, this single unit can reliably produce between 2,000 and 2,800 premium skin packs. For suppliers serving major supermarket chains, where missing a delivery window or delivering inconsistent packaging can lead to costly penalties, the 99.9% seal reliability of the DJL series is a vital business asset.

Technical Superiority in Film Management

Vacuum skin packaging (VSP) relies heavily on the behavior of the film under heat and vacuum. The DJL series accommodates varying film widths—320 mm for the 330VS and 440 mm for the 440VS—ensuring that the film drapes perfectly over the contours of the food like a "second skin." In practice, this eliminates air pockets where bacteria could grow, significantly extending the shelf life of fresh proteins by up to double that of traditional MAP (Modified Atmosphere Packaging).

The strategic choice of a 220 mm maximum film diameter across both models significantly improves daily uptime. In a busy plant, every minute spent stopping the machine to change a film roll is lost profit. The larger roll capacity means fewer changeovers per shift, allowing the machine to stay in its "productive zone" longer. Furthermore, the precise heating and tension controls ensure that even with the power demands of the larger 440VS (5.5 Kw), the film is never overheated or scorched, preserving its crystal-clear transparency and high gloss. This ensures that when the product reaches the retail shelf, it possesses the high-end 3D visual appeal that consumers associate with premium quality.

Advanced Customization and Quality Assurance

One of the primary reasons DJPACK has become an industry favorite is its ability to customize equipment according to specific customer requirements. No two food products are identical; the packaging needs of a delicate salmon fillet differ significantly from those of a dense block of artisanal cheese. Through years of cumulative experience, DJPACK has mastered mature equipment technology, ensuring that each machine's mold and vacuum parameters can be adjusted to maximize the visual impact of the vacuum skin.

Furthermore, the reliability of these machines is backed by rigorous international certifications, including CE, MET, and TUV. These accolades are not merely badges of honor; they represent a commitment to global safety standards and mechanical excellence. For global exporters, using CE-certified equipment simplifies the path to international market entry and ensures compliance with strict workplace safety regulations. DJPACK's commitment to "integrity-based" service means that each machine is tested under load before shipping, ensuring that the 380V/50Hz power system and the vacuum components perform to specification the moment they are installed on the client's floor.

Integrating Preservation with Marketability

The global shift toward vacuum skin packaging is fundamentally driven by changing consumer behavior. Modern shoppers are increasingly visually oriented; they prefer to see the texture, marbling, and freshness of their food before purchase. DJPACK's technology addresses this by ensuring the film adheres to the product so perfectly that it prevents "drip" or juice migration. This allows retailers to display products vertically, saving valuable shelf space and creating a more attractive, premium display.

By combining decades of manufacturing expertise with a sincere spirit of cooperation, DJPACK helps its clients maximize profits through lower waste and higher product appeal. The company's focus on continuous learning and innovation ensures that as packaging materials and consumer preferences evolve, its machinery remains at the cutting edge. The "DJPACK" trademark has become synonymous with stability, professional technology, and a comprehensive service system that supports the customer long after the initial sale.

In a competitive global marketplace, choosing the right packaging partner is as important as the product itself. DJPACK continues to lead the way, helping food processors worldwide achieve higher

comprehensive strength and win market recognition through superior performance.

For more information on the full range of DJPACK solutions, please visit: <https://djvacpack.com/>



Media Contact

Wenzhou Dajiang Vacuum Packaging Machinery Co., Ltd.

*****@dajiangmachine.com

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