



ARCIL DP300/DP500 FORM-FILL-SEAL

Arcil DP300 is renowned for its high efficiency and precision in cup thermoforming. Its compact design and exceptional cost efficiency makes the Arcil DP300 an ideal solution for premium dairy products. Its performance and technical qualities make it the perfect fit for medium-scale production lines. With all operations at chest level, our equipment is easy to use, and your operators will love it! With a speed of up to 21,600 cups/hour and 28,800 cups/hour for the DP500 version, cups are filled and sealed in ultra-clean conditions. The DP300 and its sister the DP500 can handle various materials (PS, PET, PLA, multilayer) and deliver wide range of conical and straight cups with or without label.

Arcil DP500 is a wider version of the DP300, allowing to increase the number of cups per stroke. All systems and technologies are common to both models and can be applied without reservation.

WHY CHOOSE THE ARCIL DP300/DP500?

Features



Engineered for Performance



High Accuracy Dosing



Customizable Labeling



Augmented Ergonomics for Consumables



Designed for Easy Cleaning and Accessibility

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The Arcil DP300/DP500 is engineered for performance, offering customizable speeds up to 33 cycles per minute and production output up to 21,600 cups per hour, or 28,800 in the DP500 configuration. It supports a wide range of formats—1x4, 1x5, 1x6, 2x3, 2x4, 2x6, and 2x8—and runs PET, PLA, PS, and multilayer plastics. High-accuracy dosing is supported by up to three fillers for multi-layer products and is suitable for most homogeneous and pumpable products with fruit pieces, backed by BW Packaging's global commitment to hygiene, integrity, and accuracy. An optional filler device outside the filling area supports ultra-clean hygiene, and fill testing is available for customer product optimization and faster ramp-up.

Customizable labeling includes cup thermoforming with or without a label for straight or complex cup shapes, as well as in-mold labeling with single-face (rectangle or stamped) or multi-sided (L- or U-shape, butterfly) options. Continuous production during reel changeover and splicing, along with fast reel and label splicing, helps maintain steady operation. Ergonomics are enhanced with operations at chest height (110 cm / 43.3 in), optional automatic splicing while the machine is running, and 15-minute format changeovers. Designed for easy cleaning and accessibility, the system focuses on hygiene and cleanability with fast, efficient cleaning, high visibility on stations and tooling, and high accessibility for inspections, maintenance, and cleaning. A customizable HMI supports optimized production reporting.



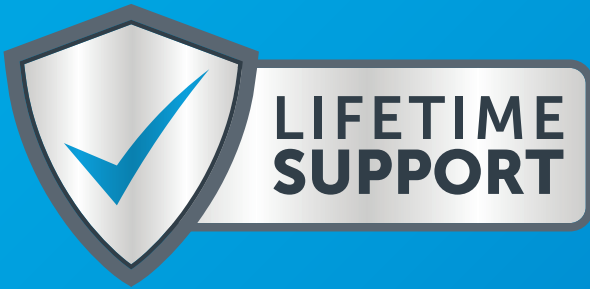
Applications / Industries:



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At BW Packaging, we don't just build machines — we're your lifetime partner in production success. Our global service network, parts availability, training and upgrades all work together to keep your machines running for years to come.



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