

Wine handling system

The Microlux Vacuum Lifter has a tailor-designed vacuum foot for lifting and moving oversized wine bottles.

Big Bottle Wines wanted to lift bottles approximately 600 mm high containing 9 L of wine from a stillage and place them in individual crates for transport. These bottles are too heavy for one person to lift and manoeuvre unaided. With a focus on ergonomics, safety and efficiency, a solution was achieved.



Bomac Engineering designed a foot to overcome this problem and enable the operator to lift the bottle from the top, over the neck, with one hand.

The vacuum lifter is attached to a low-mass

Altrac Jib Crane. In conjunction with the low rolling resistance Trac Trolleys, this allows for easy slewing and positioning of the vacuum lifter.

This specific vacuum foot was designed for Big Bottle Wines' specific product. Bomac can also design lifting solutions for packing a single (regular-sized) bottle of wine, loading crates of wine onto a truck, or any other lifting and moving issues faced at a vineyard.

*Bomac Engineering
Unit 1, 153 Wedgewood Road, Hallam 3803*

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