

Landquip High Wind

A UK-built, high-capacity sprayer designed for tall canopies and consistent coverage in demanding orchard conditions.

Landquip's entry into the orchard and vineyard sprayer market reflects a growing shift towards domestically manufactured equipment, with an emphasis on build quality, parts availability and long-term support. The company's trailed mist blower range has been developed in response to increasing demand for reliable, serviceable machines, particularly among growers who have experienced challenges with parts supply and aftersales support on imported equipment.

Within this range, the High Wind system represents Landquip's more advanced approach to canopy spraying, designed specifically for taller and denser orchard environments. Available with tank capacities of 2,000 and 3,000 litres, the machine is built around a trailed chassis with a low centre of gravity, helping to maintain stability even when operating on uneven ground or in more demanding conditions.

The defining feature of the High Wind configuration is its twin-fan, twin-tower arrangement. Using two 800mm fans drawing air from both the front and rear, the system generates a significantly higher and more consistent airflow than conventional single-fan designs. This is paired with twin vertical towers, each equipped with multiple nozzles and an additional directionally adjustable outlet, allowing spray to be delivered evenly across taller canopy structures.

In practical terms, this setup is intended to ensure full coverage in orchards where tree height can exceed five or six metres, a scenario where more conventional air-blast sprayers can struggle to maintain consistent penetration. The increased airflow, combined with the height of the towers, allows spray to be carried further into the canopy, improving deposition while reducing the likelihood of untreated zones in upper foliage.

Beyond the airflow system, the machine follows a robust and functional design approach. Features such as a heavy-duty fan drive gearbox, high-pressure pump and full electric control system contribute to consistent operation.

Practical elements including integrated wash tanks, accessible filtration systems and in-tank agitation support day-to-day usability. The option of automatic rate control and GPS-linked systems further extends its capability for



operators looking to introduce a greater level of precision into their spraying.

In use, the High Wind mist blower is clearly aimed at larger-scale orchard operations where both capacity and canopy coverage are critical. It is less about versatility across multiple crop types and more about delivering a consistent, repeatable application in demanding conditions. For growers working with established orchards or taller tree systems, it offers a targeted solution that prioritises airflow performance and reliability over more generalised functionality.

Landquip's approach is grounded in practical considerations, ensuring that machines are not only capable in the field but also supported over the long term. In that context, the High Wind system represents a straightforward but well-considered response to the specific challenges of modern orchard spraying.