

**LANDQUIP SWEEPS /
DE-BUDDERS**

LANDQUIP®



PRUNING SWEEPER

Pruning's, when free from pests and diseases, can serve as an excellent source of nutrients for grapevines, cover crops, and soil. To return these nutrients to the soil, winegrowers often mulch prunings in the vineyard rows. However, due to the current labor shortage, it is not cost-effective to have manual gangs hand raking pruning matter into the row center for mulching. A rear-mounted PTO driven mulcher is a common solution, but a front-mounted sweep on the Landquip Double row Vineyard sweeper offers a more efficient single-pass operation for both sweeping and mulching. The Landquip Double row Vineyard sweeper has been developed over the years through feedback from vineyard operators, making it a highly efficient tool.

DE-BUDDER

In response to recent demand for a mechanical bud remover during springtime to remove unwanted shoots or "suckers," a local vineyard manager modified and rotated the heads of his Landquip pruning sweeper 90 degrees, with successful results. This has given the sweeper a dual-purpose, increasing its value as it can be used in both winter and spring. Although the machine cannot guarantee 100% removal of buds, it significantly reduces manual labor and can be done simultaneously with mowing.



Made in New Zealand
Designed and built in Hawkes Bay, New Zealand, a major fruit and wine-growing centre.

SWEEPER



- Mechanical breakaway springs serve two purposes: protecting the vine trunk from damage and enabling the brush to rotate gently around it
- Sweep bristles are tough nylon and easily last 1 full season for a contractor. To replace them, all you need to do is remove the top plates and insert folded bunches through the angled holes
- The machine has 350mm of lift adjustment, and 800mm of width adjustment. Two standard width options, 'narrow' suits vine row centres 1700mm to 2500mm, and 'wide' suits vine row centers 2200mm to 3000mm



DUAL PURPOSE MACHINE

DE-BUDDER



- Removes approx 80% of shoots/buds, depending on grape variety and conditions. Recommended driving speed; 3-4KMPH, hydraulic flow; 40LPM,
- Less than 1 hour of workshop time to switch the machine between sweeping and de-budding.



SWEEPER / DE-BUDDER MODELS

TYPE	SPECS
Double sided	Front fixed mount, hydraulic width/lift adjustment
	3-point-linkage mount, hydraulic width adjustment

All sweeps are available with either rubber flaps or nylon brushes. Hydraulic hoses are provided to a bulkhead plate ready to be plumbed to tractor. We have a range of standard mount adaptors to suit different types of vine trimmer mount plates, Forklift subframes, and other common mounting systems.



REMOVABLE BRISTLES
A combination of stiff nylon bristles and weighted PV rods are a good combination to remove shoots and buds without damaging vine trunks.

PRUNINGS

To maintain the health and productivity of orchards, it is crucial to promptly remove any potential diseased branches that have been pruned. Landquip, a reputable manufacturer of agricultural equipment, has been producing Orchard sweeps for decades. While the vineyard-style Nylon brush heads can be utilized in orchards, we highly recommend using heavy-duty rubber flaps as they can handle larger branches more effectively.

WEED REMOVAL

Moreover, the rubber flaps are also efficient in removing weeds without causing any damage to the tree trunks. This not only saves time and effort but also provides a great alternative to herbicides. By using Landquip's Orchard sweeps with heavy-duty rubber flaps, orchard owners can ensure the longevity and prosperity of their fruit trees while also taking care of the environment.

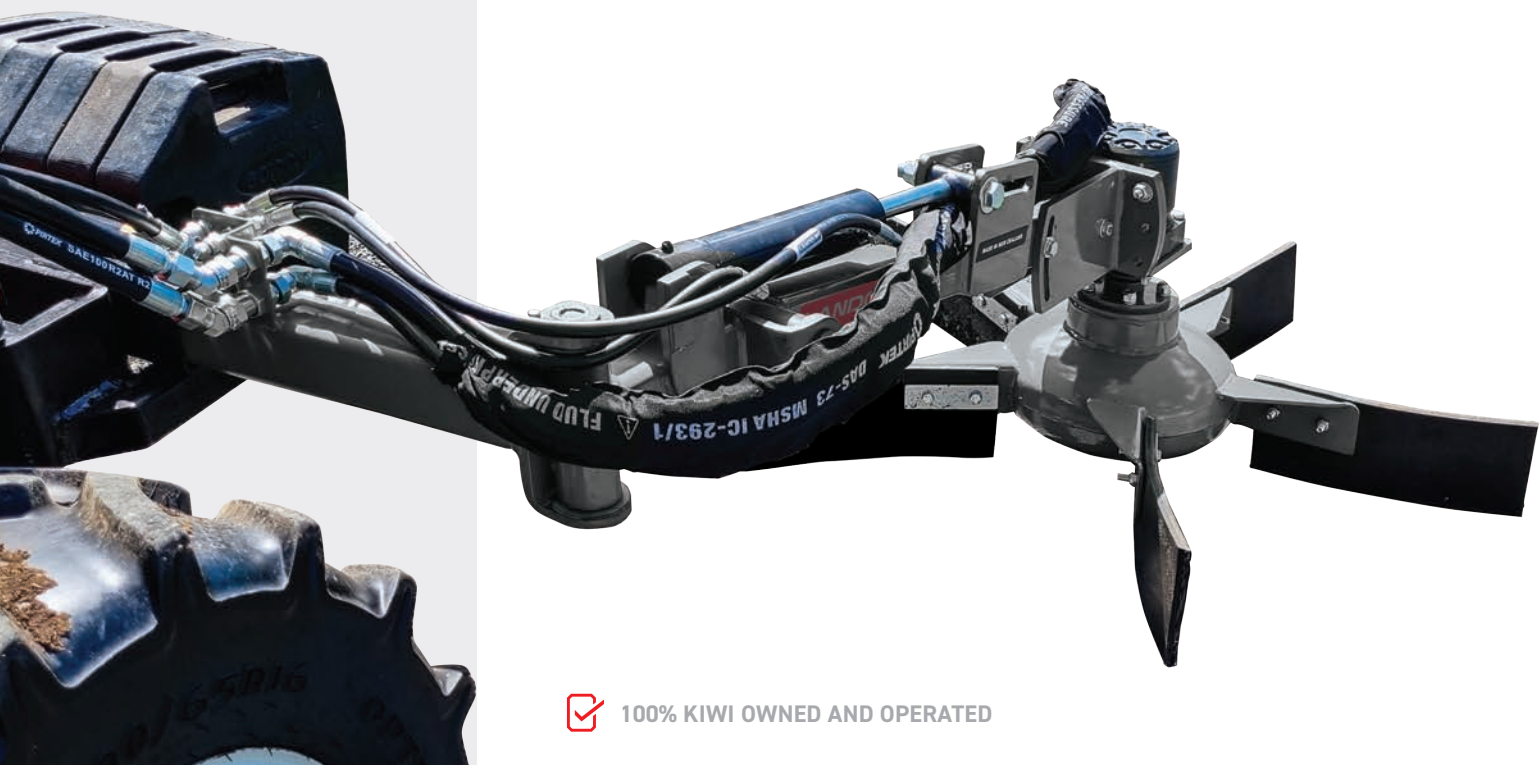


- All single side sweep models have hydraulic lift ram, with a float position to allow sweep to follow ground contour.
- Hydraulic hoses are provided to a 'bulkhead plate', simple for tractor dealer to fit to any tractor.
- Hydraulic motors require only 40 Litres per minute of hydraulic oil flow

SWEEPER MODELS

TYPE	SPECS
	Fixed angle, no angle adjustment, but has width adjustment by resetting the position of the sweep arm.
Single sided	Manual angle, toplinek fitted in to manually adjust the angle/width.
	Hydraulic angle, double acting ram to hydraulically adjust the angle/width.

All sweeps are available with either rubber flaps or nylon brushes. All single sided sweeps include an unpainted box section mount, ready to be fabricated to suit any tractor.



100% KIWI OWNED AND OPERATED



LANDQUIP®

HORTICULTURE





**LANDQUIP OFFERS CONVENIENCE
AND PEACE-OF-MIND**

Experiencing your investment breaking down is incredibly stressful and disruptive. Landquip offers a two year workmanship warranty on all sweeps products.

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