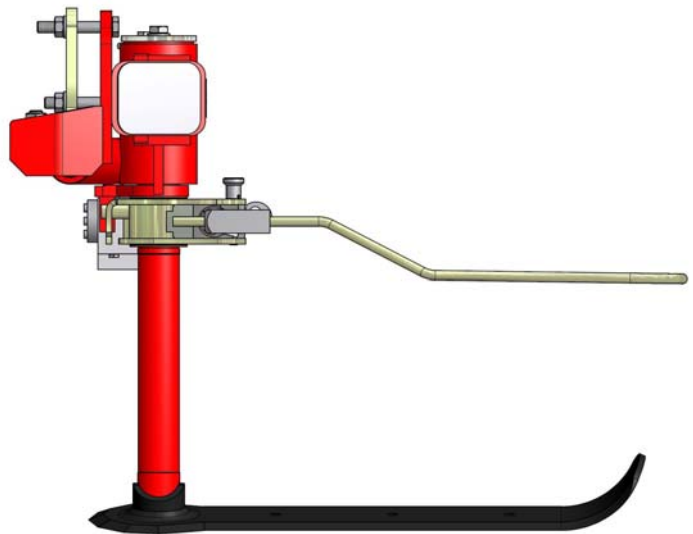


Clemens Radius undervine weeder

What makes it better?

The Radius weeder is designed to control weeds under vines and fruit crops by use of a working blade system. The blade is controlled hydraulically to allow maximum force to hold the blade in the working position until the adjustable sensor system feels the trunk, at this moment the blade collapses until the sensor no longer feels the trunk. By design the outer edge of the blade stops, no longer moving forward, contact with the trunk is not possible. That's why the Clemens Radius can operate at speeds up to 10kph.

As soon as the sensor is passed the trunk the blade again under pressure swings back to the full working position ensuring weed control entirely around the trunk.



Clemens Radius can operate with accuracy and reliability plus you gain other benefits.

- Moisture capture, penetration and retention is greatly improved since the rain or irrigation can easily pass through the 'soil mulch layer' yet drying winds and sunlight cannot. This lowers irrigation requirements and associated costs.
- Radius weeders can operate on tractors from 20 HP. Tractor maintenance and fuel savings can be huge, why run a big tractor when its not needed?.
- Reduction in chemical reliance reduces the need to continually invest in herbicides .
- No concern for chemical weed resistance.
- Adds much needed oxygen to the soil for the breakdown of the organic matter and release nitrogen.
- Due to the creation of the soil mulch layer worm population/activity increases.
- Use the Radius to assist with Incorporating composted materials into the soil in the vine row to enhance soil & vine .
- Radius can be part of either biodynamic or organic viticulture practises, it can just as easily be utilised across all vineyards.
- Radius offers all vineyards an opportunity to practice good environmental habits.



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