

VINEYARD MECHANIZATION



CHARIOT



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Maximize efficiency and savings with the Chariot dual vineyard mechanization platform. Operating smoothly at speeds up to 3 MPH, the Chariot enables precision pruning in half the time of a single row pruner. Vineyard managers have reported savings of up to \$500 dollars per acre when integrating the Chariot into their operations. With year-round capabilities, the Chariot maximizes your investment with attachment options for shoot thinning, trunk suckering, and cane cutting.

COST EFFECTIVE

An investment in the Chariot is equivalent to investing in two mechanical pruners, two operators, and two tractors but with more power and precision. The Chariot delivers substantial savings per acre given its capability to prune, shoot thin, and sucker two rows concurrently.

EFFICIENT

The combination of speed and precision provides a pruning application that completes 80% or more of work in a single pass. High-speed pre-pruning allows acres to be covered quickly, making hand follow-up more proactive. Most growers can cover between 15 to 30 acres per day while utilizing the Chariot's shoot thinning and trunk suckering attachments.

VERSATILE

Fine-tuned to meet your vineyard's unique needs, the Chariot enables pre-pruning and near finish pruning applications, suitable for high wire, VSP, and quad trellises. Attachments that connect to the Chariot keep the machine busy throughout the different farming seasons. The unit can also manage shoot thinning, crown cleaning, trunk suckering and cane cutting.

PRECISE

With the Chariot, operators can focus on one task at a time, delivering precise pruning applications. They are not bound by the simultaneous challenges of driving a tractor and pruning. The Chariot's unique design allows operators to hone their craft, delivering stunning results time and time again. Expect a pristine berm and more uniform canopy from the suckering and thinning attachments.



Cover double the acres in half the time.



Adjustable and efficient on a wide range of trellises.



Mechanizing with the Chariot reduces labor costs across trellis types and across multiple vineyard tasks.



High torque, low speed motors result in clean cuts when pruning; robust frame and blades are built to last.

CHARIOT ATTACHMENTS

✓ **PRUNING**

Built to augment an operator's pruning proficiency, the Chariot offers individual joysticks. Capable of pruning 1 to 3 acres per hour, contingent on row spacing and length. Manage up to 1,000 acres during pruning season.



✓ **SHOOT THINNING**

Thinning attachments are barrel assemblies loaded with polyurethane cord that rotates bidirectionally at a manually set RPM.

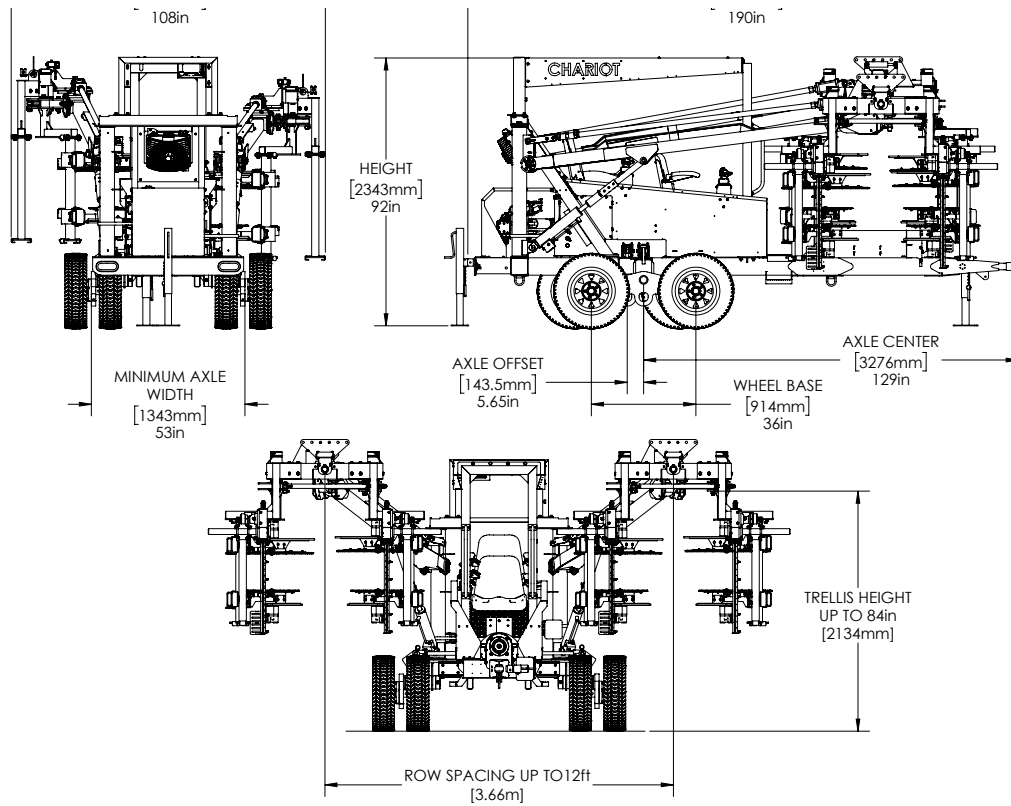


✓ **TRUNK SUCKERING**

The suckering attachments can be customized for your needs and were designed to avoid wrapping up sagging or loose drip hose.



SPECIFICATIONS



Standard specifications	Optional Features
Modular head design	Plexiglass windows
Walking beam axles for stability & row spacing adjustment	Additional lighting
Self contained hydraulic system	Additional sickle bars and cutters
Runs on a 60 hp tractor PTO & power source	
Top of the line Danfoss Hydraulic components	
Reliable CANBUS Electronic System	
Adjustable machine parameters during -operation	
Fully powder coated for durability	
Tool Carrier	
Quick attach head assembly	
Roll over protection system	
4 Nordic lights with 1800 Lumens and 63 ft of nighttime visibility	
Pitch adjustment	
Weight: 7,000 lbs.	



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