Vineyard Mechanization Tools

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Vine Tech Equipment
Vineyard Mechanization

“A tool that replaces or reduces labor”

The tool needs to work in the field!
Pruning

Tractor mounted
1. Dual Purpose Hedger
2. Prepruner
3. Precision Pruner

Hand Held
1. Electric Hand Shear
2. Electric Tying tool
Hedger for Summer and Winter

https://youtu.be/Pr9J-5vvN0I?t=5m38s
Prepruner

https://youtu.be/YbO_Cp-psxE?t=2m20s

- Remove canes from wires
- Cut canes into small pieces
- Can mount sickle bars
Pellenc TRP Precision Pruner

https://youtu.be/pzUOLyRzXE?t=41s
Pellenc Vinion

Pellenc Fixion
2 Row Herbicide Boom with Photo Eyes
Vine Tech Shoot Thinner/Sucker Remover

https://youtu.be/koFsNWpZlpY
- Pair with TRP Precision Pruner
- Can swivel drums
- RPM readout
- 3 pt mowing on same tractor
Edwards Sucker Remover

https://youtu.be/earpfDsJFno
Multi Row Spraying

[Image of a multi-row spraying machine in a vineyard]
Multi Row Spraying

Quantum Mist
- High air flow paired with high nozzle psi
- Adjustable fan speed from operator station
- Auto rate controller
- Field mapping
- Live telemetrics/spray reports
2 Row Trimming and 3 pt on Pellenc Optimum

https://youtu.be/R2lFce6KyKI?t=5s

Rotary Style Blades
2 Row 3 pt on Pellenc Optimum
2 Row Trimming and 3 pt on Pellenc Optimum

https://youtu.be/p9ZDex3bHj8?t=22s

https://youtu.be/Tti5YWVgf5A?t=36s
Mechanical Leaf Removal
Mechanical Leaf Removal

- Removal on both sides
- Adjustable Sun/Shade side
Mechanical Harvest
Mechanical Harvest

- Easy controls
- 3 Instant picking settings from the cab
- Less gondolas/bin trailers with on-board storage
- Auto center head
- New cup/chain belts, only 2 bearings
- No juice loss past lower main fans
- Less Cleaning time
- Post sensor
- Adjustable berry roller gap
- 2 main belts and 2 belts for destemmers
- Only 2 moving rubber mounted shaker posts
Mechanization Ease

Install/Remove rear implement in 15 min or less
Install/Remove front implement in 5 min or less
No tools needed for either
All hydraulic connections in large quick coupler
3 mount points release at push of button
Computer automatically recognizes implement and changes screen controls
Undervine Weed management
Hilling Disc
Undervine Weed management
Spinweeder
Undervine Weed management
Undervine Weed management
ID David
Autonomous tractor

https://youtu.be/OVwaTFABhpo
Our goal is to provide solutions for our customers.