Premium quality every vintage
QUALITY EQUIPMENT FOR THE VINEYARD AND WINERY

For more than 40 years Hydralada Company have led the way supplying specialist vineyard equipment. Working closely with world renowned brands like Pellenc, Hydralada offers a range of vineyard and winery equipment to increase productivity and optimise quality.
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Hydralada Trimmers are available in many configurations to suit every canopy style. Designed and manufactured to trim fast and efficiently, these rotary trimmers allow you to cover the ground without sacrificing the quality of the job.

Image shows Hydralada Half Row VTR1 Trimmer with evoludisc topper.
Strong rigid frame design with heavy duty headstock

The Hydralada VTR1 Single Side Trimmer is designed to trim fast and efficient and last for many hours of hard work. The Hydralada VTR breakaway system mounted at the top of the frame provides gentle breakaway in the event of accidental contact.

Different topper options available

Three different topper configurations available, Twin Rotary Blade (shown), Tri Star, or Evoludisc.

Special blade designed to suck and trim.

Rotary blade creates suction, drawing the vine leaves into the trimmer. A sharp cutting edge is maintained due to this effect.

1.80m  
Single cutter board length

700mm  
Rotary topper diameter

10 kmh  
Average trimming speed

Tractor Oil Supply

- 20 lpm
- 2000 psi
- Dual tractor auxiliary oil remote outlets
- Joystick remote control station (optional)

Trimmer Board

- Single vertical board
- Rotary blades x 5
- Heavy duty spindles
- Heavy duty bearings
- Belt drive
- Rigid board

Frame

- Single mast
- Heavy duty headstock
- Nylon bush inserts
- Gas strut breakaway
Hydralada®
Inter Row
Trimmer VTR 2

Trim two half rows in one pass

The Hydralada Inter Row VTR 2 Trimmer has a single mast with two vertical cutter boards and two rotary toppers trimming two half rows in one pass.
Unique design sucks and trims

Rotary blade creates suction, drawing leaves into the trimmer. A keen sharp cutting edge is maintained due to this effect eliminating residue build up.

Ejects trimmings away from the vine

Available in Tri Star, Evoludisc, or Twin Rotary. All options have been specially designed and are effective for trimming and removing the vegetation into the adjacent row.

Heavy duty and adjustable frame

Single mast frame can be adjusted to suit different vineyards. The vertical cutter boards can be adjusted and toppers moved independently.
Trim two complete rows in one pass

The Hydralada Inter Over Row VTR 3 Trimmer has a double mast with two vertical cutter boards and rotary toppers trimming two half rows in one pass. This model can be specified with a further two vertical boards allowing you to trim two complete rows at once. Each side is mounted separately allowing independent height adjustment.
Unique design sucks and cuts

Rotary blade creates suction, drawing leaves into the trimmer. Vertical cutter board is pivoted at the top leaving a clear throat for trimmed foliage to fall to the ground.

Ejects trimmings away from the vine

Available in Tri Star, Evoludisc, or Twin Rotary. All options are specially designed and effective for trimming and removing vegetation into the adjacent row.

Heavy duty and adjustable

Dual mast with frame that can be adjusted to suit all vineyards. Adjustable cutter boards. Toppers move independently. Each side includes swing breakaway system.

<table>
<thead>
<tr>
<th>Tractor Oil Supply Required</th>
<th>Trimmer Boards</th>
<th>Frame</th>
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<tr>
<td>- 20 lpm</td>
<td>- 2 x vertical trimmer boards</td>
<td>- Dual mast</td>
</tr>
<tr>
<td>- 2000 psi</td>
<td>- Rotary blades x 10</td>
<td>- Heavy duty headstock with nylon bush inserts</td>
</tr>
<tr>
<td>- Dual tractor auxiliary oil remote outlets</td>
<td>- Heavy duty spindles</td>
<td>- Gas strut breakaway system</td>
</tr>
<tr>
<td>- 3 Station joystick remote control station (option)</td>
<td>- Heavy duty bearings</td>
<td>- Optional lift, tilt, width adjustment</td>
</tr>
<tr>
<td></td>
<td>- Belt drive</td>
<td></td>
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<tr>
<td></td>
<td>- Rigid board</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Optional over row module</td>
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1.80m Twin cutter board length

700mm Rotary topper diameter

10 kmh Average trimming speed

Rotary Blade

Rotary Topper

Frame
With the Multiviti Frame you can hitch all Pellenc vineyard tools onto the same chassis in just three minutes! The range includes three configurations: Multiviti 20 and 40 chassis on an in-row tractor, and a 1 or 2 row Multiviti straddle chassis to mount to a straddle tractor.
The Multiviti Frame is quick and easy to fit

With Multiviti you can hitch all Pellenc vineyard tools onto the same chassis in just 3 minutes!

All controls assign to the tool fitted

The ergonomic, backlit Pellenc Multiviti joystick and screen incorporate all of the functions and self-diagnostics for each tool.

Pruning, trimming, leaf removal,

This system makes changing tools effortless, fast and efficient.

3 mins
to change tools

2 x
Electric connections

1 x
One person to do the fit up

Conventional Tractor
- Model Multiviti 20 front mounted
- Model Multiviti 40 three point linkage rear mounted

Straddle Tractor
- Single row version
- Two row version

Tools suited to Multiviti
- Vine Trimmer
- Disco Pre Pruner
- Visio Pre Pruner
- Wire Lifter
- Leaf Remover
- TRP Pruner

QUICK TO MOUNT

CONTROLS ADAPT TO TOOL

CARRIES ALL PELLENC TOOLS
Simple, fast and efficient pruning

The light weight Pellenc Disco allows pruning to be done fast and efficiently. Maintenance is quick and simple, and the machine allows excellent visibility. It does its job well, performing quality work regardless of the amount of wood in the row, and no sharpening of the discs is required.
**Boron steel discs give long life**

Pellenc mulching system uses Pradine blades. No more manual wood removal leaving small mulch on the ground.

**Strong durable frame**

Well engineered to take the knocks and hard work of pruning.

**Visionic post recognition**

Ultrasonic eyes to detect the post and open pruning heads automatically removing driver fatigue.

<table>
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<tr>
<th>5 kmh</th>
<th>25 lpm</th>
<th>17 x</th>
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<tr>
<td>Average Working speed</td>
<td>25 lpm oil required</td>
<td>up to 17 pairs mulching discs</td>
</tr>
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**Tractor Mounted**
- Couples to Multiviti 20
- Couples to Multiviti 40
- Short arm - 6 pairs disc
- Long arm - 17 pairs disc

**Straddle Tractor**
- Couples to front arm on Pellenc MAV
- Short arm - 6 pairs discs
- Long arm - 19 pairs discs

**Hyd Oil Requirement**
- 25 lpm
- 2000 psi
- Dual hydraulic outlets
Unrivalled mechanical pruning

Work fast and efficiently even in dense vegetation with the Pellenc Visio semi-automatic pruner. Thanks to its Visionic technology (optional), this pre-pruner works at high speed and provides cutting and mulching quality superior to that of any disc models. Built to take the knocks and hard work of pruning, this is the top of the range machine with a design unique to Pellenc.
### Heavy duty mulching discs

Pellenc mulching system uses Pradine blades. No more manual wood removal leaving small mulch on the ground.

### Precise initial pruning cut

Precision cutters perform a neat cut leaving the spur clean without splitting.

### Visionic post recognition

Ultrasonic eyes to detect the post and open pruning heads automatically removing driver fatigue.

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<th>Tractor Mounted</th>
<th>Straddle Tractor</th>
<th>Hyd Oil Requirement</th>
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<tbody>
<tr>
<td>- Couples to Multiviti 20</td>
<td>- Couples to front arm on Pellenc MAV</td>
<td>- 25 lpm to 45 lpm</td>
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<tr>
<td>- Couples to Multiviti 40</td>
<td>- Short arm - 9 mulching disc</td>
<td>- 2000 psi</td>
</tr>
<tr>
<td>- Short arm - 9 mulching disc</td>
<td>- Long arm - 11 mulching disc</td>
<td>- Dual hydraulic outlets</td>
</tr>
<tr>
<td>- Long arm - 11 mulching disc</td>
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<table>
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<tr>
<th><strong>8 kmh</strong></th>
<th><strong>25 lpm</strong></th>
<th><strong>11x</strong></th>
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<td>Up to 8km travel speed</td>
<td>25 lpm to 45 lpm</td>
<td>Up to 11 pairs mulching discs</td>
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**25 lpm**

- 25 lpm to 45 lpm
- 2000 psi
- Dual hydraulic outlets
The new Pellenc leaf remover is perfect for all vineyards and the job is done properly and uniformly as if by hand. The simple design is quick and easy to set up and requires very little maintenance. The canopy is tracked by a sensor panel which automatically manages the tool pressure on the vine in real time causing no damage to the plant or berries. This auto tracking allows the operator to travel at a relatively high ground speed without sacrificing the quality of the job or jeopardising the leaf stripping rate.

Opens the fruiting zone for optimum light penetration

The picture shows a single side Pellenc Leaf Remover.
**Cost Effective**
- Only one person required
- Average 4 kmh travel speed
- Available as one or two row version
- Minimal maintenance required
- Low fuel consumption

**Easy to Operate**
- Optimum visibility
- Quiet operation
- Compact and easy to manoeuvre in headlands.
- Simple intuitive controls and set up.

**Quality**
- Soft touch sensor for row tracking
- Automatic safety swing back
- Rollers pluck leaves without damaging fruit

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**480mm**
Leaf removal zone (also 380mm)

**40 lpm**
Hydraulic Oil Flow

**4 kmh**
Average ground speed

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**Gentle row tracking**
Guarantees complete respect for the vine with the large contact sensor panel. This monitors the canopy, allowing an efficient rate of leaf removal.

**Highly efficient twin turbine suction fan**
Turbine design ensures powerful sucking action through leaf plucking rollers. As the leaves do not pass through the fan it maintains efficiency.

**Plucks whole leaves from the vine with minimum maintenance**
Suction and feed rollers rotate in opposite directions grabbing the leaves. Cylindrical brush limits debris deposits. The leaves are ejected to the ground not into the fruiting zone.
With the introduction of the latest Optimum range of harvesters, Pellenc’s accumulated experience and innovation in developing new designs sets them apart from other machines available on the market. Their approach to viticulture, reconciling crop quality, respect for the environment, respect for the vine, profitability and ease of use, ensures Pellenc continue to lead the way in their field. The Selectiv’ Process onboard grape sorting system means a near perfect sample is delivered to the winery.

Delivers the finest berries to the winery

Picture shows Pellenc 890 Optimum Selectiv’ Process Harvester
Onboard grape sorting removes unwanted material

Selectiv’ Process is the preferred harvesting method of premium winemakers, delivering a near perfect sample with unwanted green waste left in the field.

Spacious cabin with intuitive easy touch controls

Easy cabin access with optimum driver comfort and panoramic field vision. Intuitive control with all functions located on a clear pictogram screen.

Multifunctional tractor built from the ground up

Designed for harvesting and all other vineyard work. Harvest head is uncoupled quickly with Pellenc Easy Connect, allowing other machines to be fitted.
Accurate and controlled spraying in a single click

Mounted to the Optimum tractor (harvester) you can now efficiently spray your vines using the latest technology Pellenc pneumatic air jet system, ensuring minimal drift and optimum spray penetration. Extremely easy to operate with just one click of a button which automatically opens and closes the spraying booms and sets the machine in action.
Unfolds and folds in one simple click
Folding and unfolding control with automatic row spacing width adjustment. Includes row by row cut-off on all models, outer half row on four-row models.

Limits spray drift and ensures efficient application
Pneumatic air blast system for optimum micronisation and fuel saving. Flow rate is proportional to ground speed, ensuring programmed dosage is applied.

Heads maintain position and focus into the vine
Ultrasonic ground sensors mean spray booms maintain position with vine on uneven sloping vineyards. Ensures precise accurate spray application.

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### Cost Effective
- Three turbines for optimum performance
- Minimal drift in the atmosphere or on the ground
- Adjustable and closable diffusers
- Up to 30% fuel savings

### Environment
- Rinsing system reduces effluent
- The Optimum tractor carries load in centre of row
- Minimal drift
- Flow rate proportional to ground speed

### Job Quality
- Precise spray application
- Ultrasonic ground tracking
- 30% slope correction
- 3 x turbines positioned above rows
- Optimum micronisation with pneumatic spraying

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2000 litres
Twin tank capacity

200 litres
Twin rinsing tank capacity

96 lpm
Pump output
Pellenc Tow Behind Harvester

Delivers the finest grapes to the winery

The Pellenc 8090 Tow Behind Harvester includes many of the unique picking features that set the Optimum self propelled machine apart. Accumulated experience and innovation in developing new designs ensures Pellenc maintain the lead in the market place. Their approach to viticulture, reconciling crop quality, respect for the environment, respect for the vine, profitability and ease of use, is what makes the difference. The world renown Selectiv’ Process onboard grape sorting system means a near perfect sample is delivered to the winery.
Onboard grape sorting removes unwanted material

Selectiv’ Process is the preferred harvesting method of premium winemakers, delivering a near perfect sample with all unwanted green waste left in the field.

Remote intuitive controls

All settings are on a remote controller which mounts in the cab of the tractor. Includes intuitive easy touch screen and multifunction joystick.

Auto torque system

The Auto Torque system assists the tractor with drive power and braking.
The Pellenc Fixion battery powered tying machine simplifies the work with its accelerated tying. Up to 12,000 ties per day effortlessly. It easily and quickly carries out a job that is often long and tedious.
Ergonomic design

The Pellenc Fixion is lightweight and very easy to use. Place the tool over the cane and wire, pull the trigger and the job is done.

Battery belt with tie cannister

Battery gives a full day plus on one charge. Includes the tie material cannister.

Five different tie materials

There are five different tie materials, paper, biodegradable, and stainless.
Pellenc has designed the most innovative vine pruning shear on the market. The Vinion is perfect for vine growers looking for lightness, ergonomics, ease of use, and precision. The Vinion pruning shear was designed to meet every expectation. It can be used with the light and compact 150 pocket battery, or the 250 battery, which makes it possible to connect two Pellenc tools at the same time for alternating work.

Picture shows the Vinion Pruner handpiece and the dual outlet battery pack
35 mm
Cutting capacity

670 g
Light ergonomic pruner

15 hrs
Up to 15 hours operation

Cost Effective
- The least expensive professional pruner on the market.
- Adapts to your pruning habits thanks to different cutting modes.

Lightweight Powerful
- The lightest pruning shears on the market. 670g.
- Concentrated of energy for a full day of pruning.
  - 845 g for the 150 battery.
  - 1,680 g for the 250 battery.

Professional
- Pellenc Pradines cutting head.
- High performance 92% efficient motor.
- Precise management of the position of the blade.
- A compact pruner that is handy and suitable for all hand sizes.

Lightweight but powerful
The Pellenc Vinion is light to carry, but still strong and powerful. It is proportional in control with pre programmed variable opening sizes.

Two battery options, both pocket and dual outlet
Pellenc have introduced the world’s first pocket battery, the 150. The 250 battery has dual outlets and will power both the pruner and a chainsaw.

The Vinion does a quality cut
The pradine blade and proportional cut ensures the highest quality cut, eliminating splitting and disease risk.
The Pellenc M12 is unparalleled in performance and the most user friendly chainsaw available. With the equivalent power of a 33 cc petrol chainsaw, the M12 is quiet, lightweight, low maintenance, safe, and economical to operate. It can be powered from most Pellenc batteries including the 250 which has a dual outlet to connect both the chainsaw simultaneously with either the Vinion or Prunion pruner.

Compact in design and dependable in action!

Picture shows M12 chainsaw with carving bar and the Poly 5 Battery Pack
The chain guide is mounted on a spring that automatically tensions the chain.

The electronic chain braking switch activates instantaneously in the event of a fall or kick back.

The electronic management of the chain bar lube is adjusted according to the effort required.
Working the soil has never been so easy!

The Cultivion soil cultivator is unique to Pellenc. It is specially designed to remove weeds as quickly and effectively as possible and leaves the soil soft and workable with very little effort due to the high frequency shaking action.
With five different blade options you can easily adapt to all working environments and soil types. These are quick and easy to change.

The cultivion has an oscillating action

High frequency (variable) movement with up to 885 strokes per minute guarantees the tool the power and performance required to penetrate the soil.

Stable operation leaves a consistent finish

In contrast to motorised cultivators the Cultivion operates without force which leaves a very even result.

For all soil types

With five different blade options you can easily adapt to all working environments and soil types. These are quick and easy to change.
QUALITY EVERY VINTAGE