

**Minivid / Minivid PRO
Reptill
Minichisel V (mch-v)**

VINEYARD RANGE
Designed for professional winegrowers





OVLAC

90 YEARS OF EXPERIENCE

In tillage equipment

Ovlac is a **family-owned company** which has been manufacturing farming equipment **since 1936**. From the beginning, **Ovlac** has focused its activity around manufacturing **mouldboard ploughs**, which have been the company's flagship product for decades.

Today, **Ovlac** is run by the family's third generation and is **the largest Spanish tillage equipment manufacturer**.

Ovlac exports around 60% of its production to more than **20 countries around the world** including demanding markets such as France, Germany and the United Kingdom and **beyond Europe** to Chile, South Africa, New Zealand and China.

Thanks to its **state of the art manufacturing techniques**, and **in-house R&D department**, **Ovlac** can guarantee high quality throughout its product ranges. **Ovlac's** high standards are also ingrained into its day- to-day manufacturing processes.

Every step and decision taken at **Ovlac** is carried out to meet a key goal: to offer farmers technically advanced, reliable products they can be proud of.



MINIVID/MINIVID PRO

Made by and for professionals

Ovlac's Minivid has been developed in close collaboration with vineyard contractors, who identified the specific requirements that such a machine must meet in day-to-day operations. Based on this input, **Ovlac** has designed a short disc harrow tailored specifically for vineyards, applying all its expertise from broad-acre cropping: tines made of HEL (High Elastic Limit) steel and fully sealed, maintenance-free hubs with double taper roller bearings. The result is a solid, reliable and highly efficient implement.

The **Minivid** is available in two versions:

MINIVID PRO

Designed for contractors and professionals, it features hydraulic adjustment of the working width from the tractor, allowing it to suit different row spacings. Front and rear disc gangs can be adjusted independently.

MINIVID

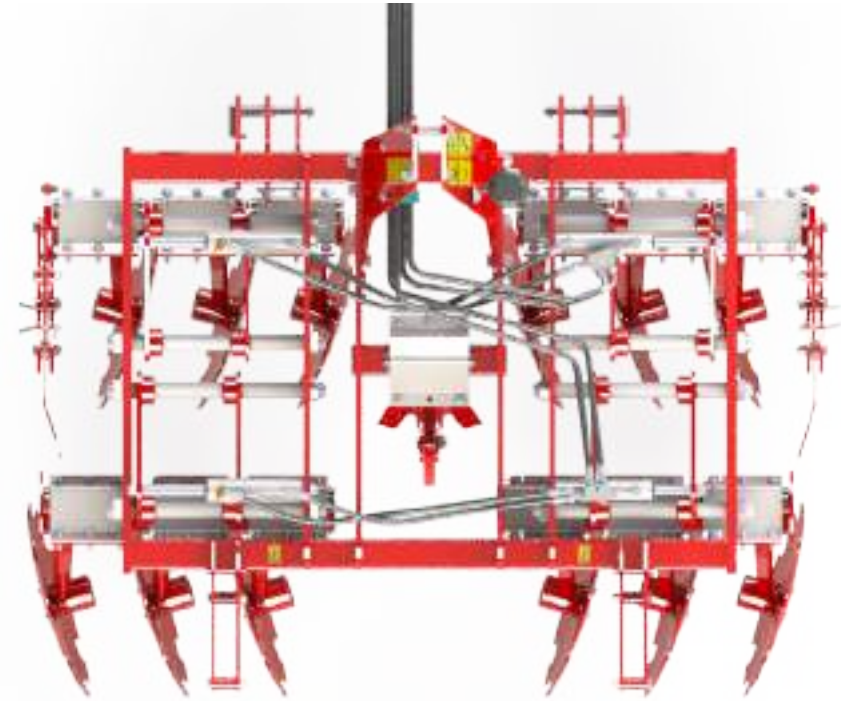
A more economic version with fix working width for a certain row spacing.

OPERATING PRINCIPLES

No matter how tall the vegetation is, the **Minivid** short disc harrow with independent discs delivers impeccable performance without clogging, thanks to its notched discs and aggressive attack angle.

Unlike traditional short disc harrows used in extensive farming, **Ovlac's Minivid** does not arrange the discs in opposing directions (front vs rear). Instead, the front row throws soil outward, while the rear row redirects it inward, closing towards the centre along an axis of symmetry aligned with the direction of travel. This configuration ensures that vine trunks remain clear of soil.

A centrally positioned tine—height-adjustable and fitted with a wing share (or a disc, as an option)—works the central strip left untouched by the side discs.





Auto reset protection by rubber suspensions. Sealed hubs.



Side plates with parallelogram linkage.



510 mm (20") diameter discs
6 mm thick.



Central tine with wing share
(standard on PRO version).



Additional bolt-on discs and
rear outer discs.



Central disc instead of tine.
(Standard on fixed version).



Hydraulic lifting frame.



Wide range of rollers
available. [See page 14]

MINIVID/MINIVID PRO

Advantages



100% clog-free: the discs ensure uninterrupted operation, even in the toughest conditions.



Perfect levelling: after the Minivid passes, the soil is left perfectly even.



Vines remain unaffected thanks to the side deflectors, which prevent soil from being thrown onto them.



In addition, the base of the vine remains clear, as the soil is turned inward from both sides.



Low maintenance cost: Minivid's wear parts cost up to four times less than those of a conventional tine cultivator.



Technical specifications

MODEL	Discs (standard)	Working width (cm)	Total width (cm)	Power (HP)	Weight (kg)
Minivid 8	9	115	122	60/70	790
Minivid 10*	11	140	146	60/70	820
Minivid 12*	13	165	171	60/70	860
Minivid 14*	15	190	196	80/90	900
Minivid 16*	17	215	221	90/100	940
Minivid 18*	19	240	246	100/110	980
Minivid Pro 10*	10	140-170	146	60/70	870
Minivid Pro 12*	12	165-195	171	60/70	980
Minivid Pro 14*	14	190-220	196	80/90	1.080
Minivid Pro 16*	16	215-245	221	90/100	1.190
Minivid Pro 18*	18	240-270	246	100/110	1.300

*Minivid models from 10 to 18 can be extended with 4 additional bolt-on discs (+50 cm working width).

Note: indicative data subject to change depending on optional equipment.

- Category I or II linkage.
- PRO version: requires 2 double-acting (D.E.) hydraulic connections.
- 20" discs (510 mm), 6 mm thick.



REPTILL

When “Hybrid” truly lives up to its name

The **Reptill** is a versatile short disc harrow developed in collaboration with a major French winery seeking to optimise costs by reducing the number of passes. Based on the **Minivid** platform, the space between the two disc gangs has been increased to accommodate a row of deep-loosening tines with adjustable working depth. This configuration enables the **Reptill** to cut roots, shred and incorporate plant residues from the alleyway, while simultaneously loosening the subsoil and improving drainage – all in a single pass.

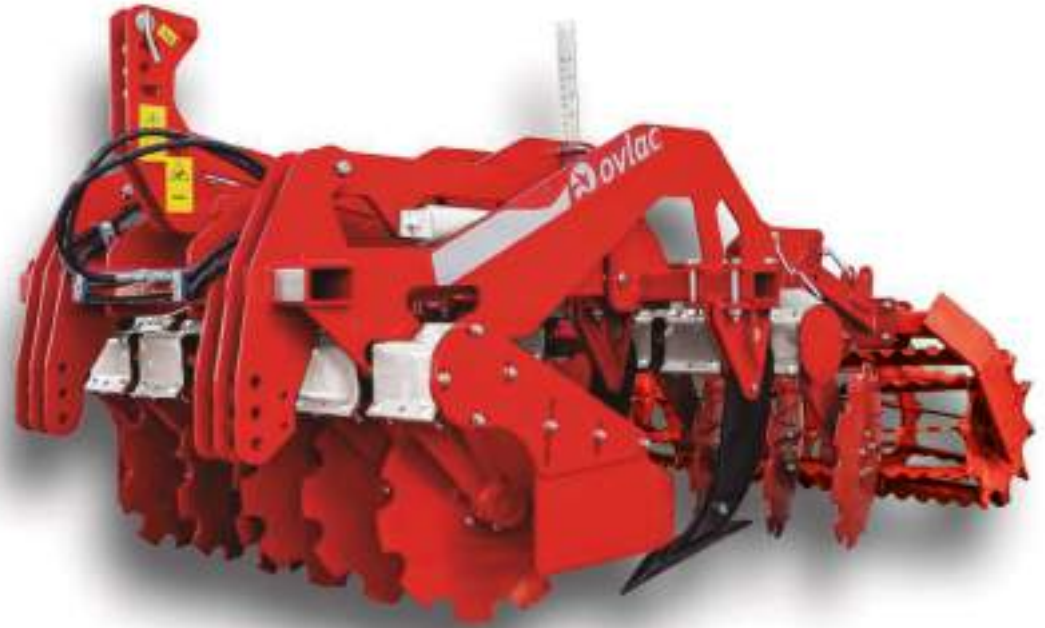
The working depth of the loosening tine row is adjusted by a long-travel hydraulic parallelogram, offering a range from 0 to 35 cm. When fully raised, the tines are deactivated, allowing the **Reptill** to be used as a conventional shallow disc harrow for surface maintenance tasks.

OPERATING PRINCIPLES

The first row of discs on the **Reptill** cuts through vegetation ahead of the tines, allowing deep loosening even in conditions where a conventional subsoiler would struggle due to frequent clogging.

Additionally, the working depth of the tines is hydraulically adjustable from the tractor cab, enabling the operator to adapt easily to changing conditions within the same field.

This adjustment system offers a wide range: the tines can work up to 25 cm below the discs, or be fully raised out of work – allowing the **Reptill** to operate as a high-speed disc harrow for shallow surface tillage. **Two machines in one.**



The 600 mm tines can operate up to 25 cm below the working depth of the discs.



The 600 mm tines can be lifted up to 18 cm above the discs.



Auto reset protection by means of rubber suspensions with special anti-slip shape.



Hydraulic depth setting of the ripper tines.



20" (510 mm) diameter discs, 6 mm thick.



Sealed 100% maintenance-free hubs.

Options



Hydraulic frame lift to decrease weight on the tractor lower arms.



Side plates with parallelogram linkage.



Wide range of rollers available. (See page 14)



Central tine with wing share (standard on PRO version).



Bolted 2-disc kit.



REPTILL

Advantages



Clog-free operation:

The discs provide the main advantage of uninterrupted performance, even in the toughest conditions.



Finish:

After a single pass with the Reptill, the alleyway is left perfectly loosened and levelled.



Quality:

The base of the vines remains clear as the rear disc row is designed to move soil towards the centre of the alley.



Cost optimisation:

The Reptill performs the work of several machines in a single pass, thereby reducing fuel costs, time, and maintenance for a larger fleet of equipment.



Protection:

The vines are not affected by the Reptill thanks to its side plates which prevent clods from hitting the plant. The ripper legs are curved to the centre of the alley to prevent damaging the vines' roots.





Technical specifications

MODEL	Discs	Tines	Working Width (cm)	Total Width (cm)	Power (HP)	Weight (Kg)
Reptill-8/2	8	2	105	111	80/90	980
Reptill-10/2	10	2	140	146	80/100	1.100
Reptill-12/4	12	4	165	171	90/110	1.220
Reptill-14/4	14	4	190	196	110/130	1.345
Reptill-16/4	16	4 (opt. 6)	215	221	120/150	1.440
Reptill-16/6	16	6	215	221	120/150	1.510

Note: data subject to variation depending on options.

- Category I or II hitch.
- Hitch with pins.
- Hydraulic functions: 1 double-acting (D.E.) for the tines. A second D.E. for the optional lift chassis.
- 20" (510 mm) serrated discs, 6 mm thick.
- 600 mm curved loosening tines with fuse, protector, and forged tips.
- Easily visible depth indicator.



MINICHISEL V

A tool for the most demanding users



1. Offset tines in 4 rows for better clearance and to prevent clogging.
2. Standard hydraulic telescopic chassis for easy adaptation to alley width from the tractor cab.
3. 35x35 mm tines, 7 cm higher for increased strength and greater clearance.
4. With Ovlac's Auto-Reset protection system made of rubber blocks. No bushings, bolts, or grease points. Requires zero maintenance.
5. Wide range of rear accessories for an optimal finish.



mini chisel
ovlac

MINICHISEL V

Options



Manually extensible frame instead of the standard hydraulic one. Easy and comfortable clip system.



Hydraulic folding for increased maneuverability in headlands. Cylinders with ball-joints and Over Center valve.



Micro seeder for cover crops.



CRG roller, 400 mm diameter.



400 mm or 520 mm notched plate roller.



480 mm or 540 mm cage roller.

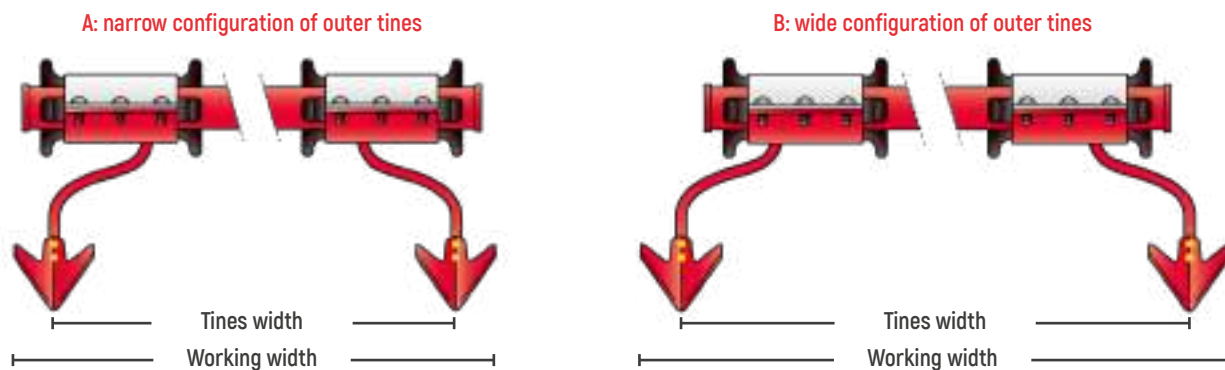


V-Ring 500 mm roller.



2 or 3 rows tine harrow.

Technical specifications



MODEL	Working width (cm)		Total width center-to-center (cm)		Power (CV)	Weight (Kg)
	(A)	(B)	(A)	(B)		
Minichisel-V-7	174-214	186-226	145-185	157-197	60/80	700
Minichisel-V-7-I	165-205	177-217	136-179	148-188	60/80	700
Minichisel-V-9 Minichisel-V-9-I	210-250	222-262	181-221	193-233	70/90	760
Minichisel-V-9-IR	193-233	205-245	164-204	176-216	70/90	710
Minichisel-V-11 Minichisel-V-11-I	261-301	273-313	232-272	244-284	80/100	820
Minichisel-V-11R	244-284	256-296	215-255	227-267	80/100	810

Note: "I" versions ready to fit interstock.



90 YEARS OF SOIL PASSION



Conventional ploughs



Shallow ploughs



Short disc harrows



Tine cultivators



Tine cultivators for vineyards



Short disc harrows for vineyards



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