

VIGNAMATIC



 **SICMA[®]**

VIGNAMATIC



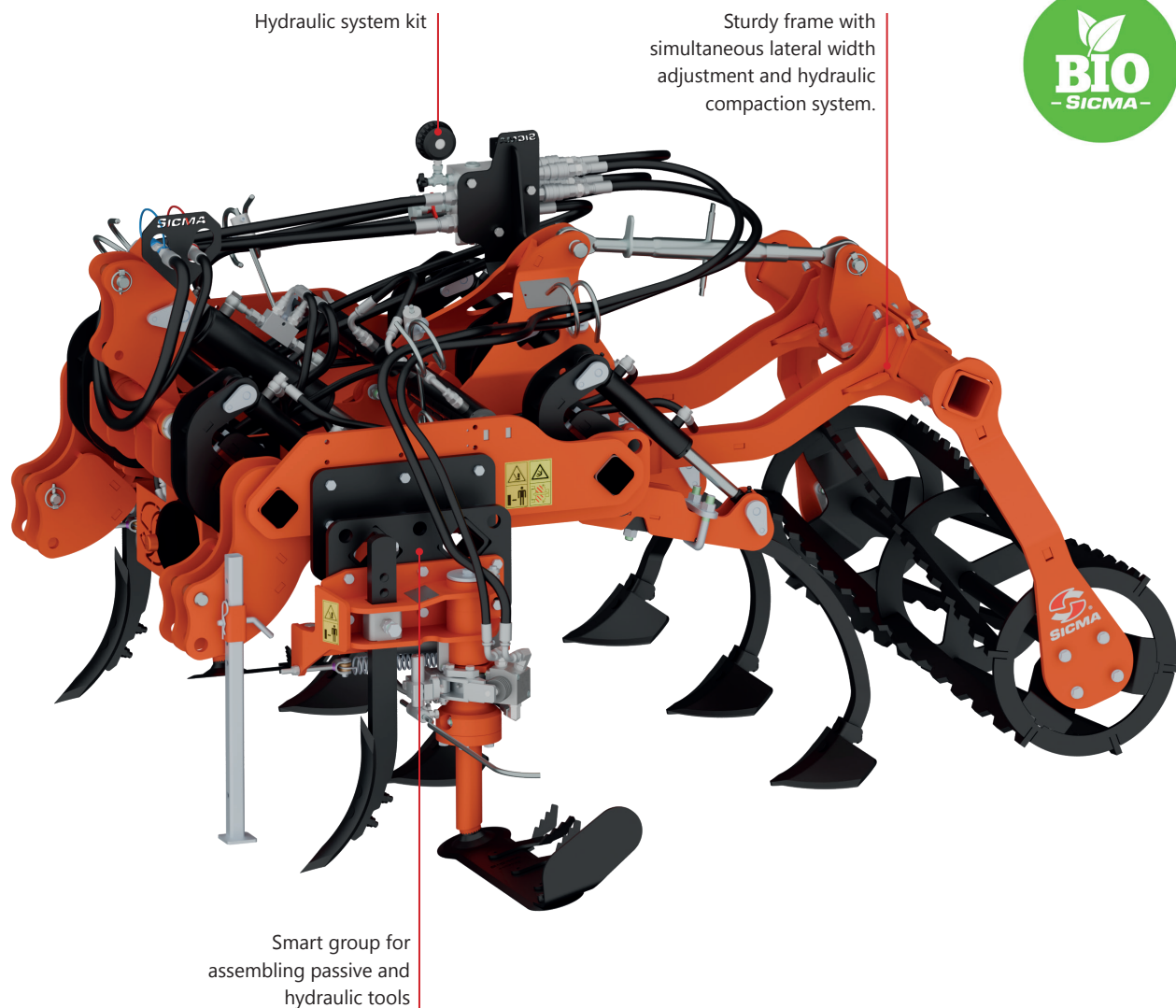
50 ▶ 90 HP



30-50 l/min

Combined cultivator designed to simultaneously work the soil between and under the rows. Vignamatic Double is equipped with hydraulic anchors that allow to lift and

exclude the plowshares during the tilling session, without raising the center of gravity of the cultivator and keeping the same working height.



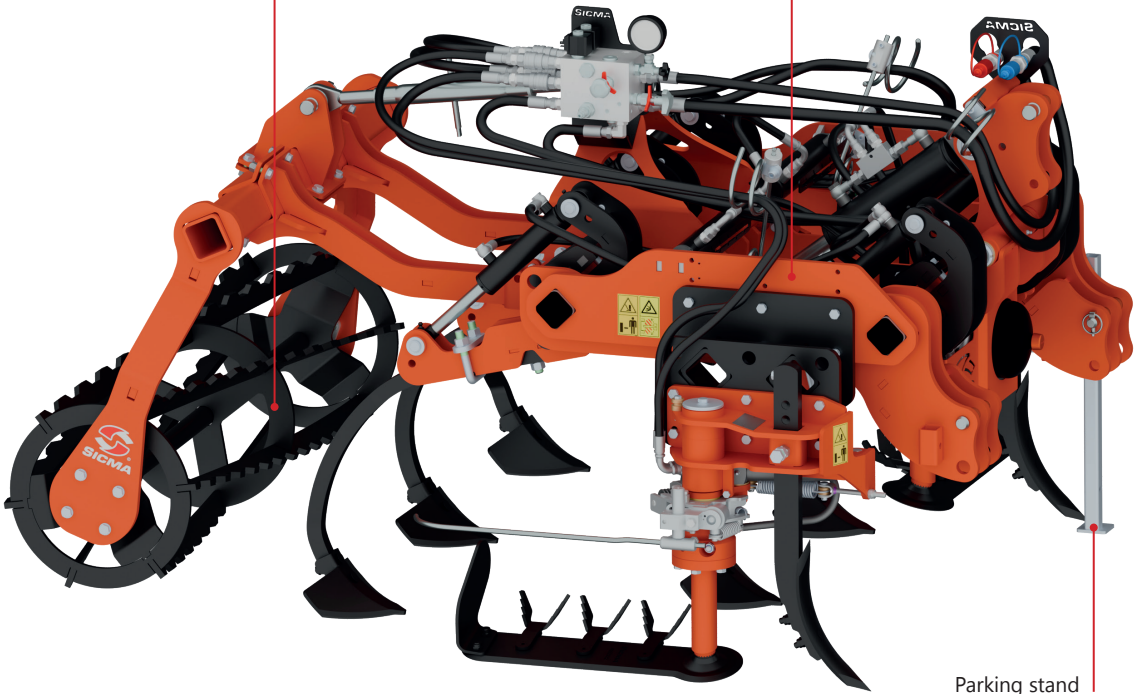
Double use

The VignaMatic is equipped with hydraulic anchors that allow to lift and exclude the plowshares from the cultivation of the interrow soil. The frame remains in position, while keeping the center of gravity low and the same working height; it allows to use only the side tools for sub-row cultivation. Vignamatic is highly appreciated by those who adopt the alternating vineyard grassing technique. To switch from complete configuration to the one of the inter-rows, it is just needed to hydraulically lift the anchors.



Adjustable roller to regulate the working depth and refine the surface of row

Double hydraulic lateral widening



Parking stand









Anchors with hydraulic antishock system, with hydraulic cylinder that protects the whole structure of the machine in case of any accidental impact and allows to lift the tools and plow the soil exclusively under the vines.

+ 50 CM

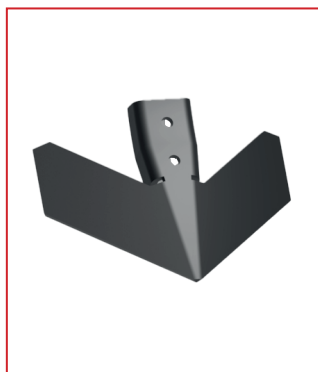


TECHNICAL DATA

Models and Features:

| |  HP |  |  |  |  |  kg (lbs) |
|------------|--|---|---|--|---|--|
| VMT-H 1350 | 65 ▶ 120 | 1350 (53") - 1850 (73") | 500 (19") | 2350 (93") - 2850 (112") | 5 | 700 |
| VMT-H 1850 | 85 ▶ 160 | 1850 (73") - 2350 (93") | 500 (19") | 2850 (112") - 3350 (132") | 9 | 800 |

TOOLS



**Duckfoot ploughshare
A275 for C-Chisel**

**Duckfoot ploughshare
A310 for C-Chisel**



**Reversible ploughshare
A85 for C-Chisel**

**Reversible ploughshare
A135 for C-Chisel**



**Duckfoot ploughshare in
HARD METAL A270 for
C-Chisel**

**Duckfoot ploughshare in
HARD METAL A300 for
C-Chisel**

ACCESSORIES



Serrated disc plough



Pivoting Disc



Track eradicater

INTERCHANGEABLE TOOLS

Using an inter-row tool for inter-row working processes of orchards and vineyards means to better manage the inter-row space with minimum environmental impact, from an agronomic point of view (management of crop residue) and for fertilization and crop protection for a

more sustainable production. The machines for working of subsoil are constantly improved, being able to adapt to different pedological conditions of the cultivation environments.



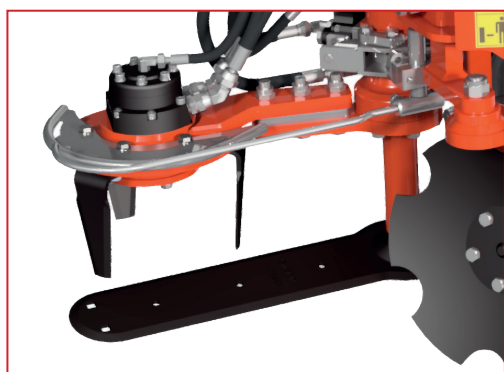
HORIZONTAL BLADE WITH SERRATED WINGS IN THE UPPER POSITION AND MOLDBOARD

This equipment works in the first 10 cm of soil, cutting and uprooting weed sprouts directly from the roots.



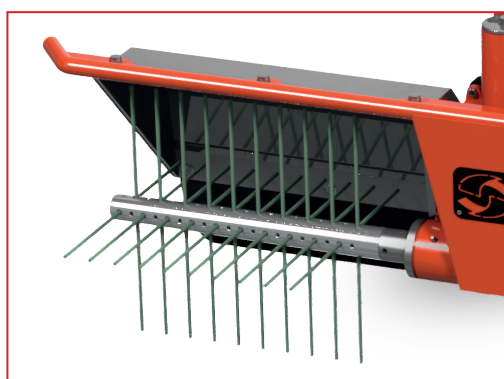
HARROW

It consists of a flat rotor on which three blades are screwed, arranged at 120° with double cutting edges that promote soil mixing.



BLADE-HARROW COMBINATION

The combination of the two tools allows for a double operation, affecting both the subsoil and the surface layer of the soil.



SHOOT REMOVER

It consists of a swiveling support frame that is height-adjustable to adapt to the crop. The tines are smooth, and the conical axle rotates at 2,000 rpm, acting on both weeds and herbaceous basal shoots.

PARTIAL GRASSING IS USED TO OBTAIN A SERIES OF ADVANTAGES:

It defends the soil from erosion; on hilly soils especially the grassy row retains the soil, thereby avoiding mudslides and landslides.

It regulates water conservation in the summer, as the inertial part creates an insulating layer that limits the evaporation of water while the processed soil absorbs it more during rains.

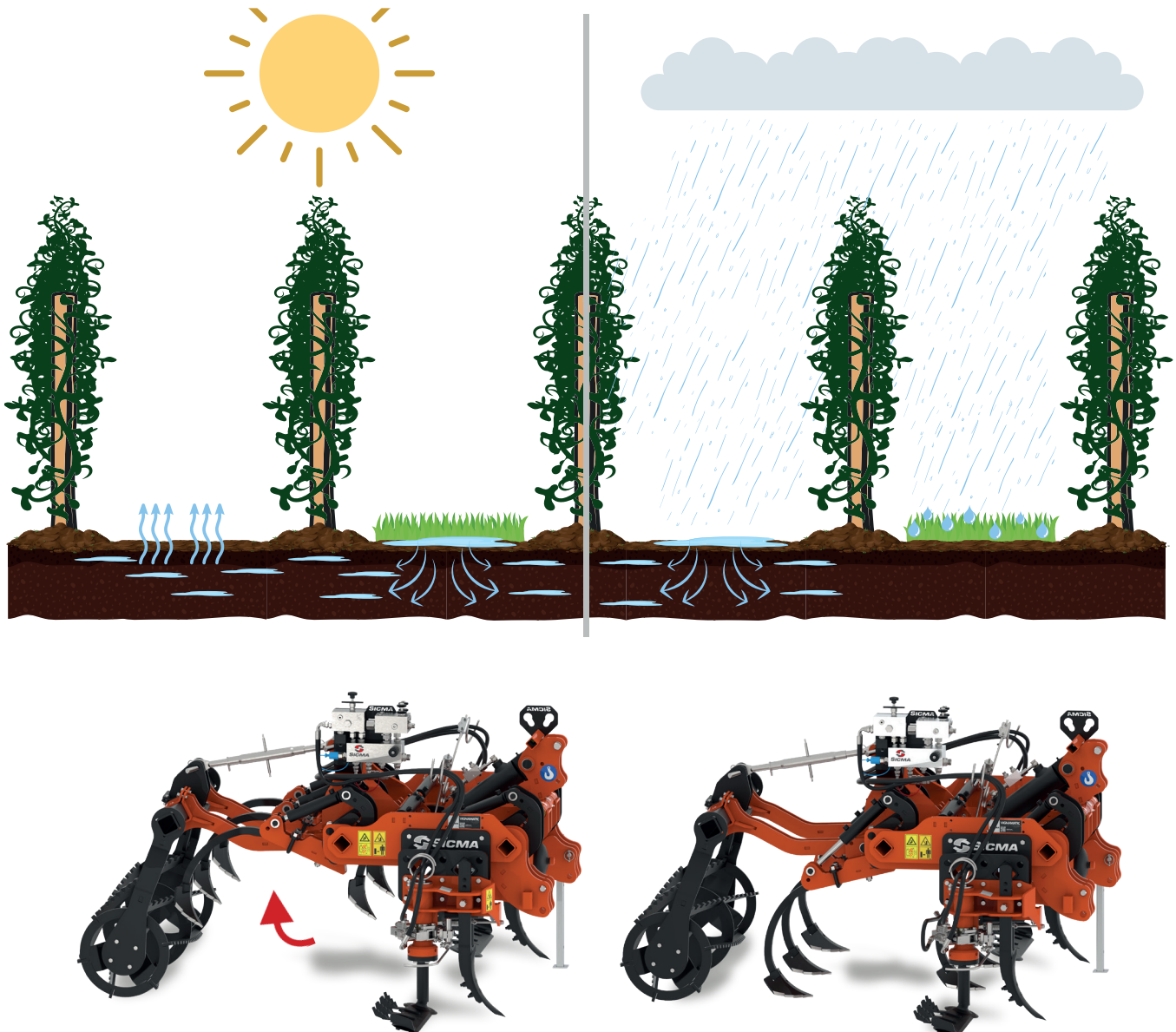
The presence of the turf promotes the formation of a habitat in which insects and microorganisms contribute to the biological balance and availability of nutrients.

It enriches the soil with organic matter and makes it naturally more fertile.

It improves the structure of the soil, avoiding negative aspects such as compaction and giving greater porosity and improved holding.

All this results in an increase in the aeration of the deeper layers that prevents the problems of oxygen deficiency at the roots.

It facilitates the passage of vehicles especially after periods of rain. It is used to sow selected and specific grasses to keep weeds under control with which they enter into competition, avoiding the use of chemical weeding.





*The experience that cultivates
the future of your land*

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the professional agricultural machinery sector.
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