



DAVID

SMART FARMING SOLUTIONS



SOIL WORKING AND UNDERVINE WEEDING



VITI



SETO



ARBO



HORTI



X10-TILLER

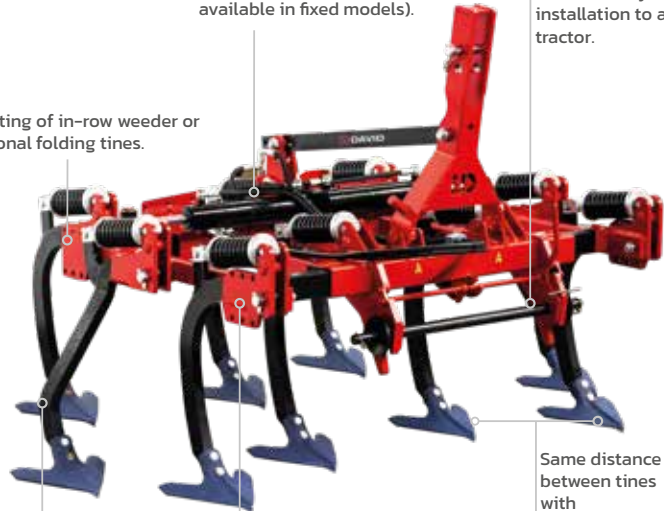
Semichisel spring frame with hydraulic extension. Designed for soil tillage in vineyards and orchards.



Double hydraulic cylinder with synchronized extension, without joints and mechanisms (not available in fixed models).

Fast and easy installation to any tractor.

Pre-fitting of in-row weeder or additional folding tines.



Elbow tine at the ends.

Pre-fitting front metal wheels.

Same distance between tines with independent working width.

11 MODELS



GRAVID

Discs harrow. Ideal for soil preparation in vineyards, performing horizontal and vertical soil strip cutting favoring oxygenation and mixing of organic matter.

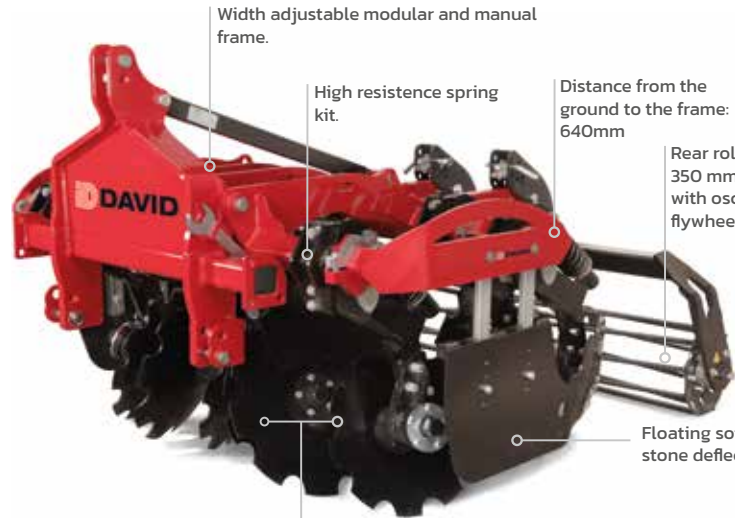


Width adjustable modular and manual frame.

High resistance spring kit.

Distance from the ground to the frame: 640mm

Rear roller with 350 mm diameter with oscillating flywheel.



Distance between discs: 195 mm.

Floating soil and stone deflector.

3 MODELS



I-GREEN

Rotary harrow equipped with pneumatic seeder. Ideal for the preparation, oxygenation, weeding and depth mixing of organic matter and nutrients. It is equipped with a pneumatic seeder with 8 outlets and electric control in cab, ideal to create cover crops.

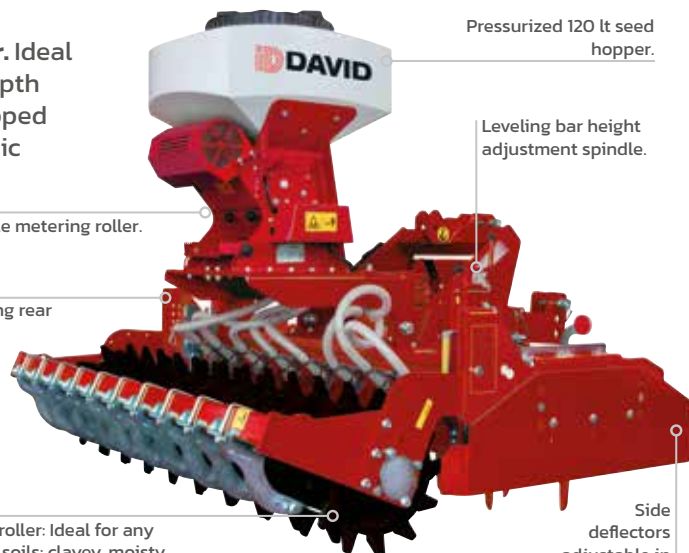


Pressurized 120 lt seed hopper.

Leveling bar height adjustment spindle.

Flexible metering roller.

Levelling rear bar.



Packer roller: Ideal for any type of soils: clayey, moisty and riches of organic material.

Side deflectors adjustable in height and depth.

5 MODELS



ID-WEEDER

Electrohydraulic in-row weeder adaptable to all frames or cultivators for mechanical weeding or tillage inside rows (mainly vineyards and fruit trees).



ACCESORIES AND TOOLS FOR IN-ROW WEEDER



Hydraulic power unit with pump



Hydraulic side slope correction



Quick connection kit for power tools



Grass bend down system



Ultrasensible kit for sensitive sensor



Distance Control with cable



Adjustable row cleaner disc



Arm + fixed ploughshare + Sensor rod kit



Kit of weeding blade type Boomerang



Retractable extra cleaner blade



Blade shovel



REMOTE CONTROL TYPE

ID-PLUS

Our exclusive solutions development to control any ID equipment having electrohydraulic functions.



- + Flexible and upgradeable.
- + Sensorization.
- + Technology.
- + Smart control.
- + Versatility.

The multifunction joystick

Allows both to electronically manage and control all ID DAVID machines equipped with our smart control system: ID-PLUS



11 integrated switchable buttons

Connection for update of the ID equipment software

ID-BASIC

Electric control box.



- No additional electrohydraulic function allowed.
- Not allowed any updates of electrohydraulic functions.



Kit string mower



Kit Rotary hoe



Herbicide application head



Kit mini reversible plough kit 2 or 3 discs

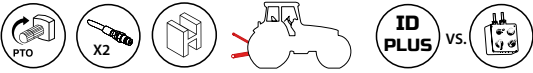


Shoot remover kit



COMBI

Combined and extensible cultivators with in-row weeders to used like a cultivator for integral tillage or only between the rows and let a grass cover in the middle of the row itself.



Strong frame and robotic welding.

Sequential hydraulic folding.

3 MODELS

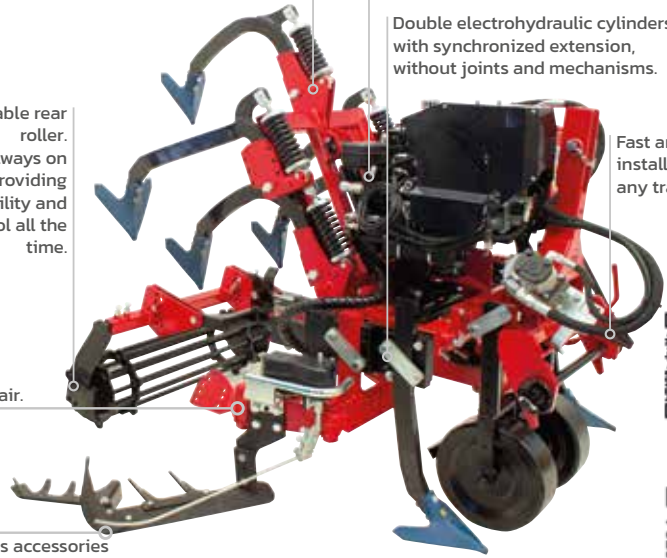
Adjustable rear roller. It works always on the ground providing great stability and depth control all the time.

Double electrohydraulic cylinders with synchronized extension, without joints and mechanisms.

Fast and easy installation to any tractor.

ID-WEEDER pair.

Multiples accessories available for both radial and parallelogram movement.



DAVICULTOR

Cultivators with hydraulic width adjustment and in-row weeder, specially designed for primary tillage in vineyards and orchards.



Synchronized hydraulic extensions, without joints and mechanisms.

21 MODELS

ID-WEEDER right or pair

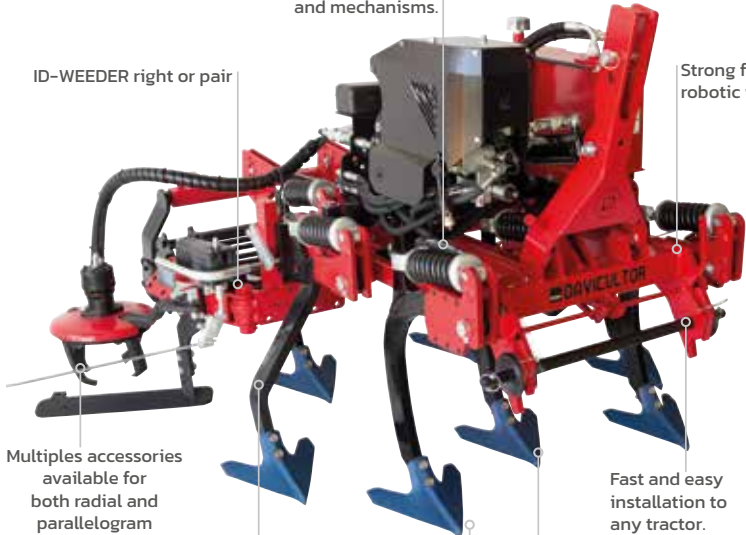
Strong frame and robotic welding.

Multiples accessories available for both radial and parallelogram movement.

Fast and easy installation to any tractor.

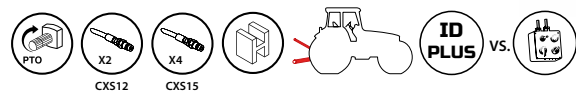
Elbow arms at the ends.

Same distance between arms with independent working width.



CULTIFRUIT

Chisel cultivators with in-row weeder and horizontal hydraulic folding. Heavy duty design for tillage in traditional and intensive fruits and olives trees.



2 MODELS

Horizontal hydraulic folding.

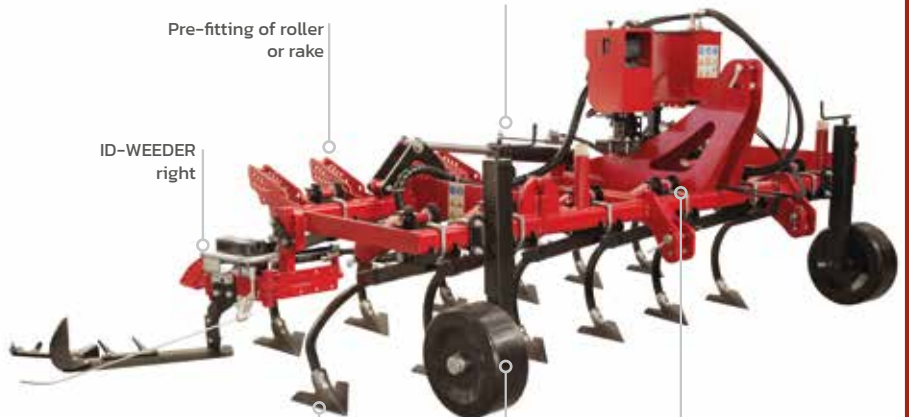
Pre-fitting of roller or rake

ID-WEEDER right

Elbow arms at the ends.

Front metal wheels.

Resistance's adjustable springs.



WHY CHOOSE OUR EQUIPMENT?



Versatility

- The widest range of products and accessories on the market. A custom configuration to suit your needs.
- Multiple tools for the in-row weeder that allow both surface working and tillage up to 20 cm deep.
- The ID-CONTROL joystick allows to control all the machines manufactured by ID David and equipped with the ID-PLUS or ID-MICRO technology.
- Ideal for stony, hard, compact soil full of weeds and stubble.

I-GREEN

- Combined rotary harrow and pneumatic seeder.
- Enables to work in any type of soil and with any type of seeds.



Exclusivity

- The exclusive undervine weeder that combines the "parallelogram-radial" movement. Faster, safer and endowed with unmatched versatility thanks to its triple tool holder.
- The special position of the tines makes possible to work always at the same distance between them, whether the cultivator is completely extended or narrowed, avoiding jamming.
- Opportunity to work between plants starting from 1 cm diameter thanks to our adjustable and progressive electronic sensor, the arm is moving at the right time to save the plant.

I-GREEN

- An exclusive heavy reinforced blade rotor system, mounted on a single bushing and a pair of ball bearings, provides optimal alignment, stability and dust protection.



Effectiveness

- Time is valuable, it is possible to work up to 12km/h with a standard soil conditions.
- The easy adjusting of hydraulic pressure of the in row weeder assured a perfect work in any type of soil.
- The reinforced structure and the special tines enable to work with different types of ploughshare reaching a working depth of up to 25 cm.
- Optimal work in large crown trees system or with big tractors avoiding the impact of branches against cab.
- Great visibility from the cab of the under-vine tool regardless the tractor size.

I-GREEN

- Enables to work at high speeds even on stony ground.
- Thanks to the 4 hoe rotors per meter, a single pass is sufficient to obtain a perfect soil fineness.



Reliability

- Experience in the manufacture of electrohydraulic undervine weeders since 1974.
- Components and materials of high quality from certified manufacturers.
- The maintenance is reduced to a minimal due to the total absence of joints and ball joints as well as the heavy duty width extensions.
- The mooring system of the tines and springs is adjustable in positions and hardness, joints are protected by a nylon screen to get a minimal maintenance.

I-GREEN

- Easy to calibrate and extremely accurate and reliable.
- The homogeneous mixing of seeds with different weights and sizes is guaranteed by the pressurized seed hopper.



Safety

- As standard all models are fitted with an exclusive safety locking system in case of faults.
- Enables route deviations up to 30 cm in the plantation rows.
- Our equipment incorporates easy, comfortable and safe tool replacement systems.

I-GREEN

- PTO shaft with safety clutch.
- Anti-blocking system of the blades whose orientation eliminates load peaks in the transmission and minimizes vibrations, with consequent savings in both power and maintenance.



Sustainability

- Ecological alternative to the use of herbicides.
- The low power required allows the use of small tractors with a lower carbon footprint.
- Improves the structure and porosity of the soil.
- Our painting is lead-free and without toxic pigments.
- Ameliorate soil erosion control and loss of fertile soil.
- Increases nitrogen and organic substances in the soil.



Strategic alliances, our key to **COMPETITIVENESS**

Consolidating knowledge and innovation as driver of our smart growth. We rely on strategic collaboration with universities, polytechnics, research centers, clusters, business associations and experts who enrich our knowledge and our ecosystem.

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PYME INNOVADORA

