



## SPREADING AND FERTILIZATION



VITI



SETO



ARBO



HORTI





# FRT

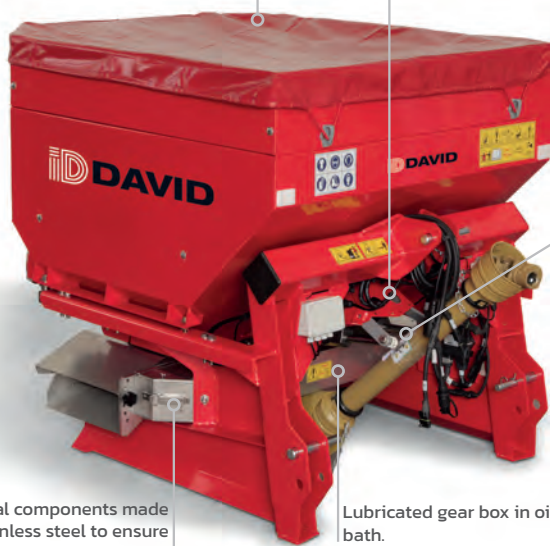
**Mounted precision spreader from 600L to 1000L.** Suitable spreading on surface or underground of **chemical, granulated, powdery and pellets fertilisers.**



Sieve to avoid agglomerates and foreign objects.

Simple and precise regulation of the amount of fertilizer

3  
MODELS



Double action independent hydraulic opening.



Critical components made in stainless steel to ensure durability.

Lubricated gear box in oil bath.

# DEF

**Trailer for mineral fertilizer.** Spreader for mineral fertilizer of 2.5 or 5 m3. Suitable for a surface or localized underground distribution of **pellets and granulated.**



Conveyor belt with roller guidance.

Lights signaling bar.

Automatic rear height-adjustable door with automatic closing when the transfer belt stops moving.

2  
MODELS

Turning draw bar (allows turns up to 90°).



Working depth adjustment screw.

Rear accessory holder.

Hydraulic adjustment of working depth and transport height.

Hydraulic and parking brake.

# ECOFEED

**Multifunctional trailed fertilizer.** Multifunctional spreader for **organic solid fertilizers** (manure) from 2.5 to 13 m3. Availability of multiplies accessories for localised and surface applications.



Automatic rear height-adjustable door with automatic closing when the transmission chain movement stops.

Torque limiter in the hydraulic system against drive chain's overstress.

Availability of normal (trapezoidal) or rounded hopper.

7  
MODELS



Turning draw bar (allows turns up to 90°).

Hydraulic and parking brake.

Working depth adjustment screw.

Rear accessories holder.

Hydraulic adjustment of working depth and transport height.

Hydraulic speed regulation of the chain (normal and inverted gear).







# DEA



**Over-the-row spreader for manure application.** Its high axle between the wheels allows to work on crops up to 87 cm high, such as V shape vineyards, sugar cane and all crops using a over-the-row tractor.



Torque limiter in the hydraulic system against drive chain's overstress.

5  
MODELS

Hydraulic speed regulation of the chain (normal and inverted gear).

Special anti-wear distribution chain.



Heavy duty frame and robotic welding.

Height adjustable front support foot.

Double subsoiler with hydraulic extension.

Hydraulic adjustment of working depth and transport height.



# SURFEED

**Spreaders for organic solid fertilizers (manure).** It reaches 15 mt when equipped with spreader disc.



Torque limiter in the hydraulic system against drive chain's overstress.

Automatic rear height-adjustable door with automatic closing when the transmission chain movement stops.

Availability of normal (trapezoidal) or rounded hopper.

7  
MODELS



Turning draw bar (allows turns up to 90°) Fix drawbar as option.

Heavy duty frame and robotic welding.

Special anti-wear distribution chain.

Rear accessories holder.

Hydraulic and parking brake.



# PROFEED



**Professional spreader for organic solid fertilizers (manure).** It fits external chains avoiding contact with manure. The machine spread up to 15m.



Wide automatic slurry gate with double cylinders height adjustable with automatic closing when inside chains stop moving.

Tank for chain lubrication.

3  
MODELS

Hydraulic speed regulation of the chain (normal and inverted gear).



Draw-bar with fixed bar ring joint.

High reinforced chains made by special anti-wear steel and located outside the hopper.

Ø1500mm spreading disc.

Double engine on chain.



## ACCESORIES AND OPTIONS FOR FRT



Subsoiler Kit



LED lights kit



Double sonar for automatic plant detection



PVC cover



Extra hopper kit



Cover furrows

## ACCESORIES AND OPTIONS FOR TRAILERS



Simple subsoiler



Double subsoiler



Double subsoiler with chains



Subsoiler with unloading band



Cover furrows



Side unloading belt



Double lateral belt two falls



Ø700 Disc adaptable



Sonar

|         | Simple subsoiler | Double subsoiler | Double subsoiler with chains | Subsoiler with unloading band | Cover furrows | Side unloading belt | Double lateral belt two falls | Ø700 Disc adaptable | Sonar |
|---------|------------------|------------------|------------------------------|-------------------------------|---------------|---------------------|-------------------------------|---------------------|-------|
| DEF     | ●                | ●                |                              | ●                             | ●             | ●                   | ●                             | ●                   | ●     |
| ECOFEED | ●                | ●                | ●                            | ●                             | ●             | ●                   | ●                             | ●                   | ●     |
| DEA     | ●                | ●                | ●                            | ●                             | ●             | ●                   | ●                             | ●                   | ●     |
| SURFEED |                  |                  |                              |                               |               | ●                   | ●                             | ●                   | ●     |
| PROFEED |                  |                  |                              |                               |               |                     |                               |                     |       |



Automatic coupling system



Spreading disc



Double disc spreader



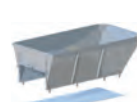
Camera + colour screen 7"



Manure anti-compaction kit



Free fall ramp



Hopper and bottom in stainless steel



Subsoiler frame

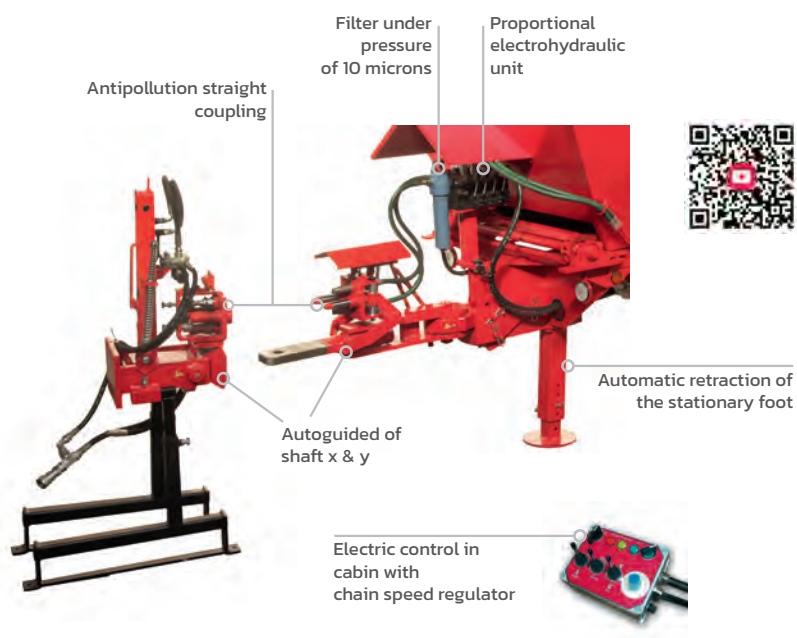


Additional dispenser for microgranules application

|         | Automatic coupling system | Spreading disc | Double disc spreader | Camera + colour screen 7" | Manure anti-compaction kit | Free fall ramp | Hopper and bottom in stainless steel | Subsoiler frame | Additional dispenser for microgranules application |
|---------|---------------------------|----------------|----------------------|---------------------------|----------------------------|----------------|--------------------------------------|-----------------|--|
| DEF     | ●                         |                | ●                    | ●                         |                            | ●              | ●                                    | ●               | ●  |
| ECOFEED | ●                         | ●              | ●                    | ●                         | ●                          | ●              | ●                                    |                 | ●  |
| DEA     | ●                         | ●              | ●                    | ●                         | ●                          | ●              | ●                                    |                 | ●  |
| SURFEED | ●                         | ●              | ●                    | ●                         | ●                          | ●              | ●                                    |                 | ●  |
| PROFEED | ●                         |                |                      | ●                         | ●                          |                | ●                                    |                 | ●  |

## ERI

The **Automatic Coupling** allows the fast connection and disconnection trailer tractor. Ideal for tractors equipped with front loader; Economy and Agility are ensured by loading the hopper using an only tractor.





# WHY CHOOSE OUR EQUIPMENT?



## Versatility

- Simple and versatile equipment for fertilization in vineyards, orchards and open fields.
- The widest range of equipment in the market for compost or inorganic fertilizers spreading onto vineyard, fruit trees and open fields.
- Different accessories that allow to distribute the fertilizer according to the crops needs.



## Exclusivity

- A machine for 3 types of application: surfacely, localizely and subsoiling.
- The first and unique fertilizer spreader with 'automatic coupling system' (Option) to connect and disconnect the machine from the tractor cab in 4 seconds.
- Roller chain and special anti-wear steel for professional use to get high performances.
- Modular construction system of the hopper. Allows substitutions of hopper sections in the event of breaks or dents. Serie PROFEED.



## Effectiveness

- Low -power absorption and great maneuverability thanks to the elimination of PTO shaft.
- Magnificent work with any type of organic fertilizer. Magnificent crumbled and excellent cast.
- Constant and uniform dispensing independent from RPM or tractor's speed.

### Serie FRT

- Time is valuable, it is possible to work up to 20 km/h with standard soil conditions by equipping electronic dosing system.
- Performance up to 260 kg / min.
- Speed of the discs up to 720 rpm.
- Its exclusive design allows to reach working widths from 1.6 to 18m.



## Reliability

- Components and materials of high quality.
- Low maintenance requested (no lubrication needed into essential parts).
- Manufacturing experience since 1973.

### Serie FRT

- The plates, vanes, agitators, carter and the discs are made of stainless steel to guarantee its resistance and durability.
- Stainless steel outlets easily removable for cleaning and maintenance.
- Double hydraulic opening by a double acting cylinder.



## Safety

- The electronic dosing system maintains constant application rate at different speed to optimize fertilizer quantity.
- Controlled release fertilizers can be used thanks to the adjustable double subsoiler, an effective solution for sustainable agriculture.
- The most consistent and sustainable option in the medium-long term for organic farming is the enhancement of soil properties and the use of composted fertilizers. These are the richest in carbon, slow release and humus precursors.
- Increase the organic matter level and, consequently, the biological activity means improving soil production capacity and resiliency.



## Sustainability

- The discs and spreader vanes are adjustable with high accuracy.
- All models are designed for simple and intuitives operations.
- Fully hydraulic operation in all its functions.

### Serie FRT

- The regulation of the opening of the hopper is composed of two independent indicators placed on a graduated scale, simple and visible.



# SUSTAINABILITY

## Our commitments

**Respect** and **honesty** are fundamental rules of ID David when dealing with customers, employees, suppliers and our planet. The company currently develops and promotes corporate social responsibility.

We believe in creating shared and lasting values with all *stakeholders*.



**100% renewable power consumed in 2020**

**Our aim is to achieve 0% CO2 emissions by 2025 through reforestation**

**100% electric vehicles for internal mobility**

**99% recycling of the generated waste**

**id-david.com**



Tel.: +34 968 718 119  
info@id-david.com

