

**EUROSPAND**  
FARM EQUIPMENT SINCE 1970

## DOUBLE DISC FERTILIZER SPREADER



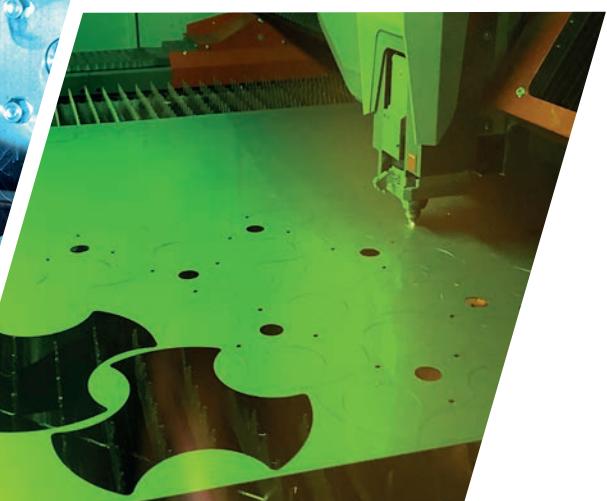
Born in the 70's of the past century, the brand Eurospand has always stood out with success for the special attention paid to produce and supply professional fertilizer spreaders characterized by structural sturdiness, precision of distribution, resistance to corrosion, continuous and constant technical innovation, making these features the core of its way of thinking.



In 2001 OMB invented and produced the "Vibro System", a vibrating hopper bottom system that has been applied on all its production of double disc spreaders with great success since then.



The plant covers an area of 8500 metres of indoor space and is powered by a photovoltaic solar station that generates 730 kWp and an annual average capacity of 900,000 kW.



Inside the plant, under the strict control of a UNI EN ISO 9001 certified system, we carry out 100% of the mechanical and electronic design and we produce 90% of all parts and semi-processed particulars necessary to build our fertilizer spreaders.

# Why choose Eurospand?

**David, Delta, Galileo, Jolly:** the double disc fertilizer spreaders of the **Eurospand** brand, are the ideal aid for the correct and accurate distribution of mineral fertilizers, organic amenders and seeds.

**A correct fertilizer distribution** is not a cause of pollution: on the contrary it is indispensable help for **better farming**.



## VIBRO SYSTEM

Vibrant hopper Bottom without agitator.



## LATERAL FEEDING

Optimal distribution also un uneven grounds.



## DOSAGE AND DISTRIBUTION

Micrometric dosage and self-positioning of the launch angle.



## TPS

Protection of the fertilizer spreader gearbox.



## STAINLESS STEEL

An added value.



## ANTI-CORROSIVE TREATMENTS

To last over time.



## HYDRAULIC OPENINGS

Standard on all models.



## ELECTRONIC

Self-regulation of the dosage on the variation of the speed.



## WEIGHING SYSTEM

Real-time weighing of the substance inside the hopper (+W versions).

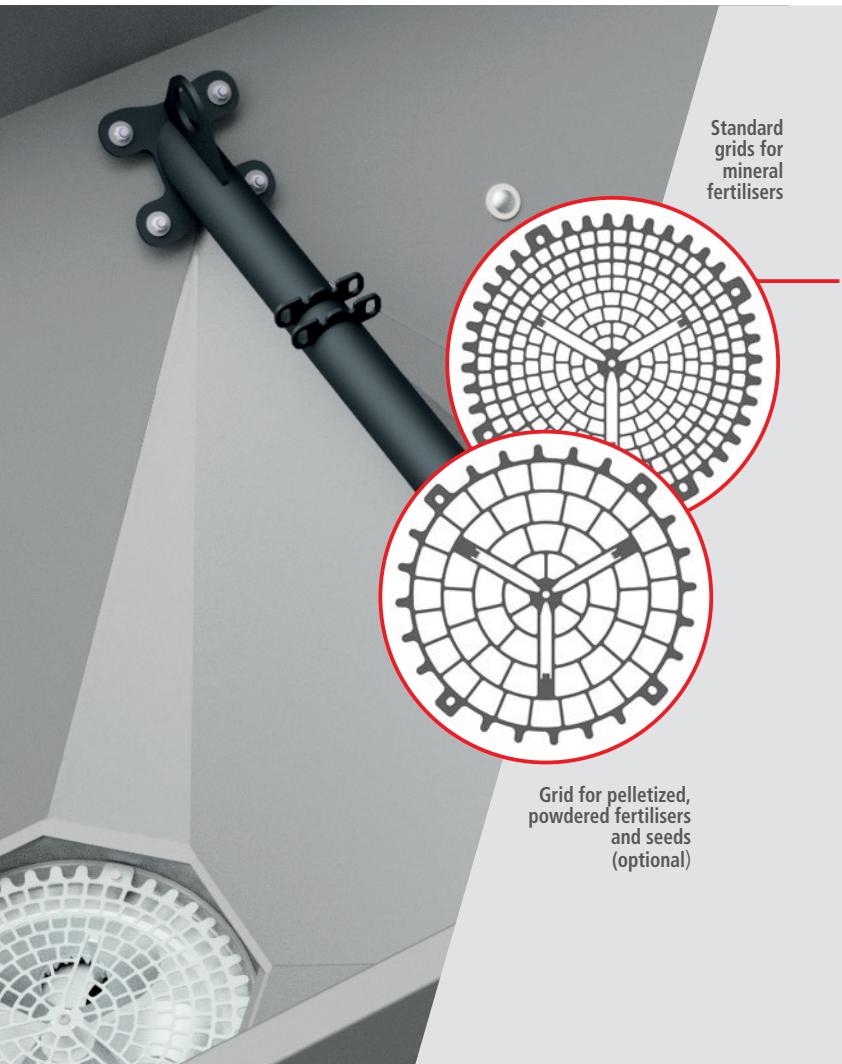


## ISOBUS

ISOBUS compatible system.

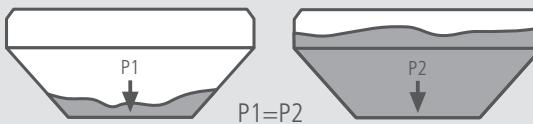


## VIBRO SYSTEM without agitator



The system with vibrating hopper bottom that feeds continuously the distribution system. The non-use of agitators avoids the products crushing, assuring a **uniform dosage of the chosen quantities**, of granular, powdered and pelleted fertilizers and seeds.

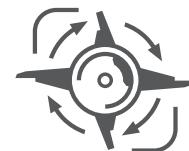
The **stainless steel grids** (available in two models) applied above the vibrating bottom retain the fertilizer lumps and **maintain constant the fertilizer pressure on the feed system**.



### VIBRO-SYSTEM solves the issues related to:

- Break of granules of fertilizers or seeds
- Heat and formation of lumps
- Distribution of all type of fertilizer also with critical weather conditions
- Constancy on the dispensed quantities, the system makes irrelevant the hopper filling degrees from the dispensed quantity



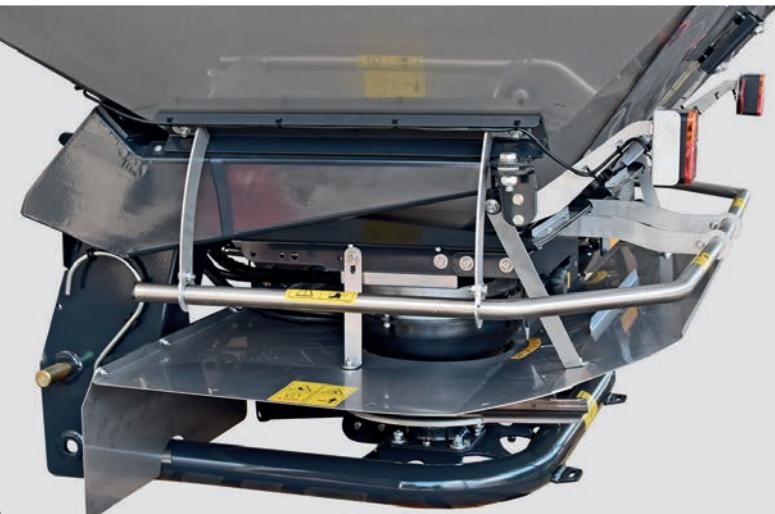


## LATERAL FEEDING



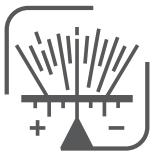
Feed the fertilizer laterally to the vane, **means elimination of the granule brake and powdering** during distribution.

The products are conveyed on the vanes with a progressive acceleration, creating a regular and continuous flux, **also on uneven grounds**, where the traditional systems with outflow of the fertilizer from above cannot assure transversal smoothness.

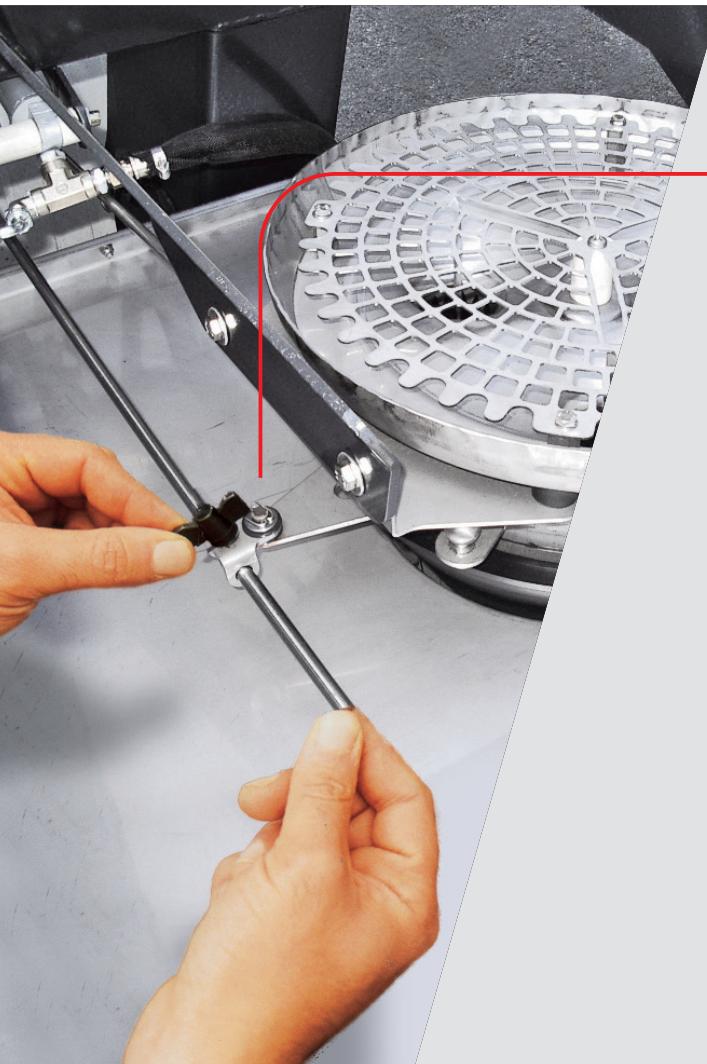


### ANTITURBULENCE

Moulded vanes with patented cadges and a stainless-steel barrier above the spreading discs. Two of our winning choices ever for an optimal transversal distribution.

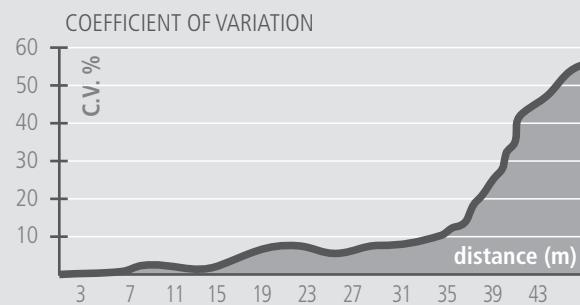
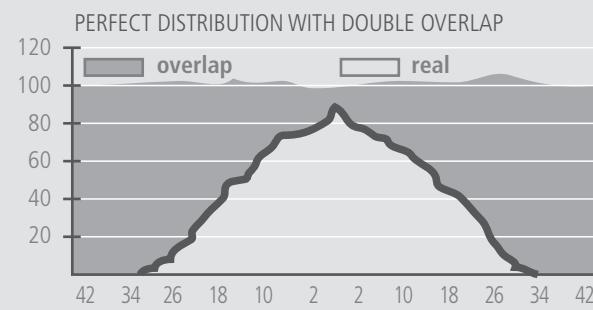


## DOSAGE and DISTRIBUTION



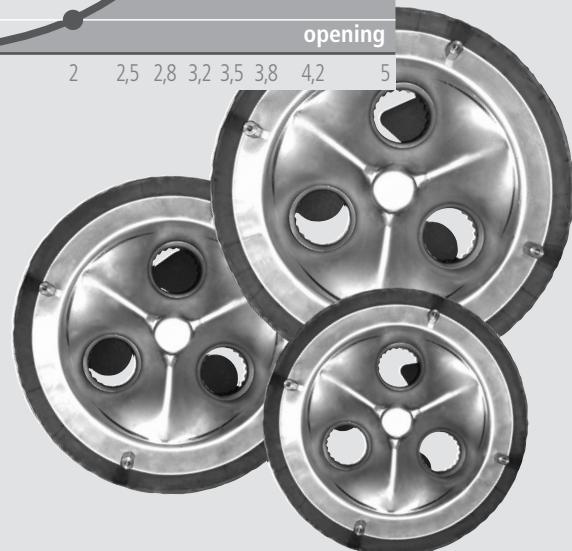
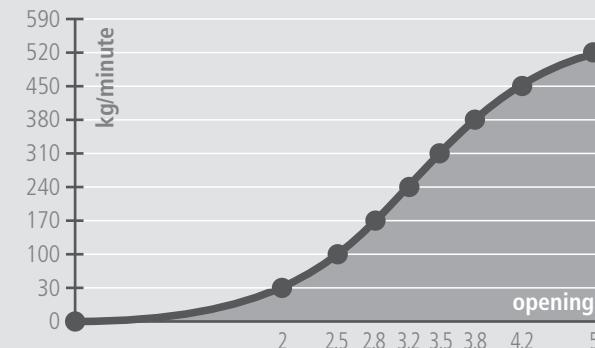
A system of **automatic positioning** optimises the entrance of fertilizer on the spreading disc depending on the dispensed quantity increase.

It is possible to **act manually** on the advanced or lateness egress of fertilizer on the disc, to compensate for different physical features of fertilizers.



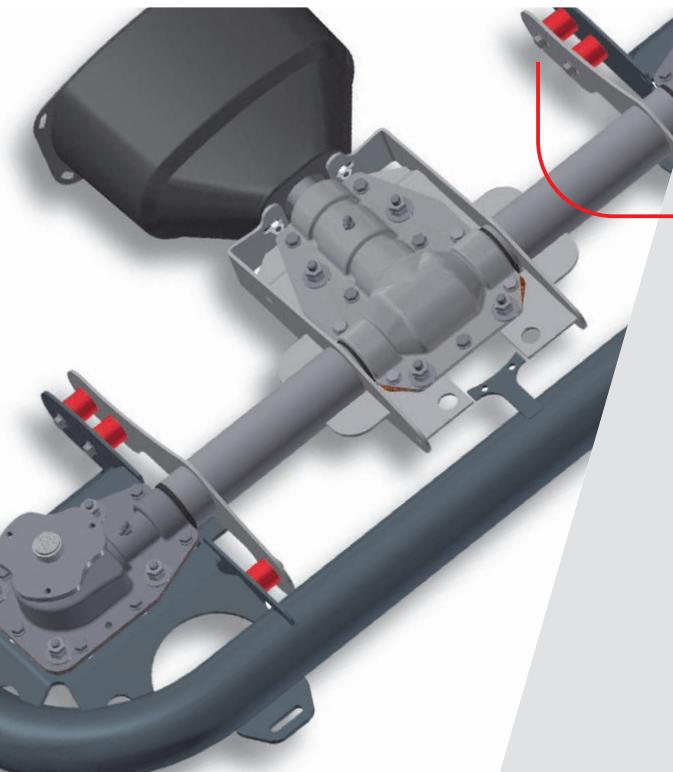
Shutters in stainless steel with **variable-geometry** openings allow to obtain an adequate dosage curve both for micro-quantities and large injections.

NPK 15-15-15 DOSAGE CURVE





## TPS Fertilizer Spreader Protection system



The *Transmission Protection System* **avoid any damage to the transmission shafts when the PTO shaft does not have the correct length.**

The central box is anchored to the chassis through six **rubber mountings** that absorb anomalous bending borne by the input shaft.

High-strength  
moulded and  
tempered gears



## HYDRAULIC OPENING and CLOSING

The hydraulic system requires 2 DE spool valves

The independence of the circuit on the right or left is obtained directly from the control levers on the tractor.



DE cylinder  
Quick coupling valve  
1<sup>st</sup> distributor

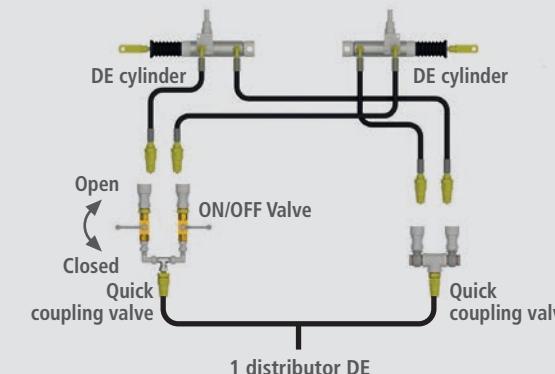


DE cylinder  
Quick coupling valve  
2<sup>nd</sup> distributor



Hydraulic cylinders  
with double-effect  
stainless steel stems  
and relief valves

The independence of the circuit on the right or left is obtained directly from the control levers on the tractor.





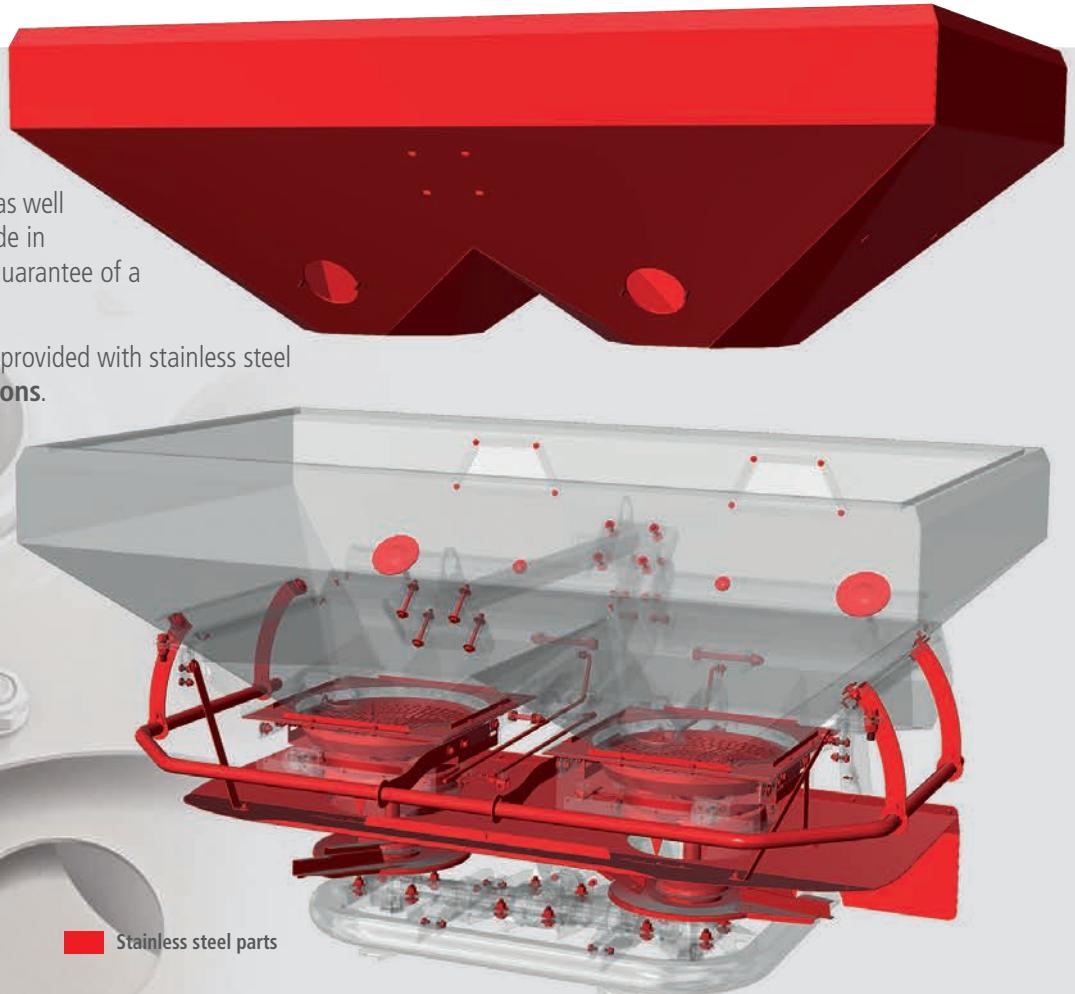
## STAINLESS STEEL

All the components of the **feeding, measuring and distribution** systems, as well as all the bolts are made in **stainless steel** as a guarantee of a long life.

All models can also be provided with stainless steel **hoppers** and **extensions**.

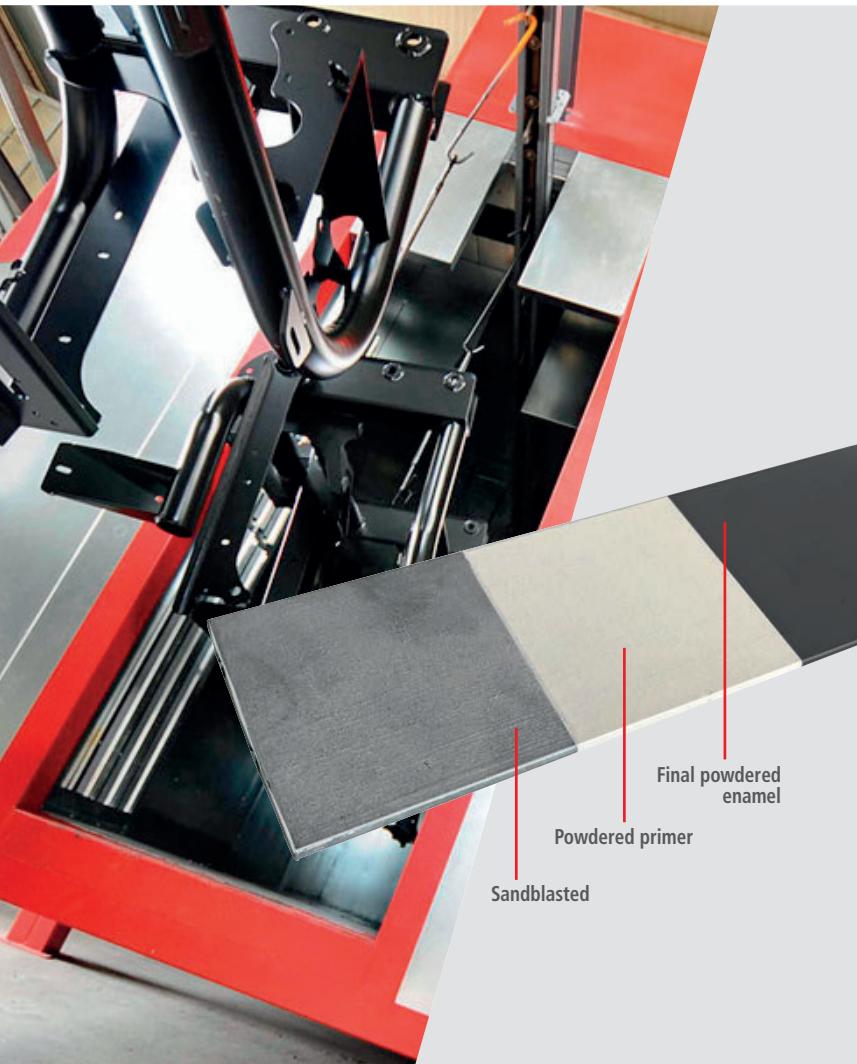
Detail of a dispensing shutter

■ Stainless steel parts





## ANTI-CORROSIVE TREATMENTS

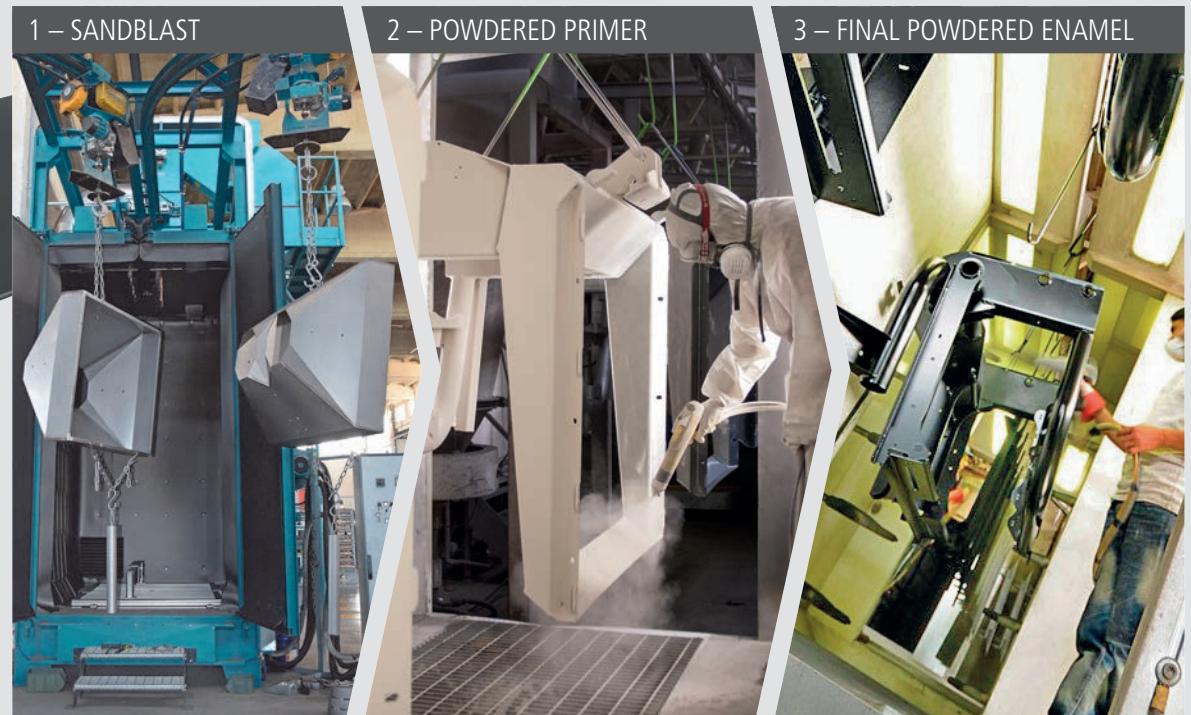


All metal parts not in stainless steel are **mechanically sandblasted** in an automatic plant.

The **first powder application**, and related **firing at 220°C**, of a galvanizing primer, protects the surface and improves the adherence of the final enamel.

A **second and final powder application** of a **enamel fired at 220°C** guarantees an optimal finish.

Three fundamental phases that Eurospand foresees for perfect **corrosion resistance** of their own fertilizer spreader.

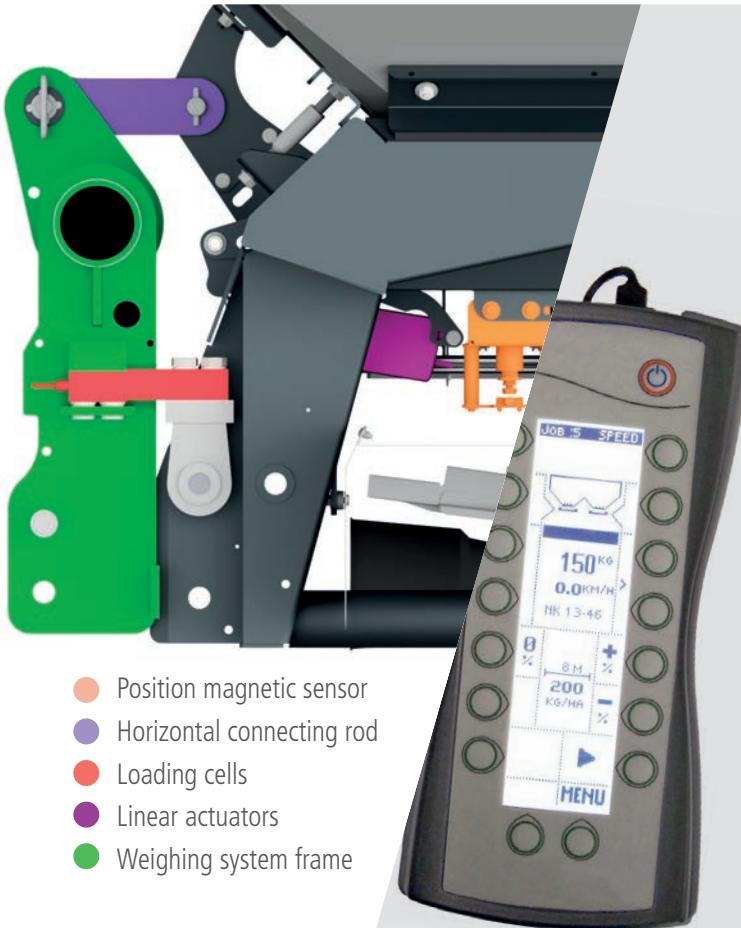




# ELECTRONIC



# WEIGHT SYSTEM



- Position magnetic sensor
  - Horizontal connecting rod
  - Loading cells
  - Linear actuators
  - Weighing system frame

The required dosage is automatically adjusted according to the forward speed (Forward Speed Calibration) by means of two linear actuators.



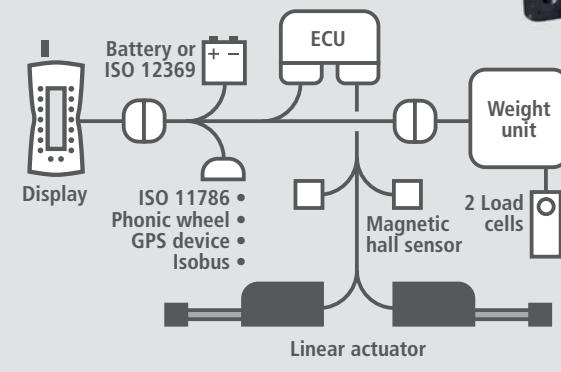
Two magnetic sensors detect the exact opening of each shutter and control directly the linear actuators avoiding any possible error of position.



The system enables the instantaneous variation of the applied dosage, the **interruption of spreading on one side**, the verification of the **quantity and worked hectares** directly and comfortably from the tractor's seat. It can also be connected with **numerous tractors or "Isobus" systems** for the management of **prescription maps**, section controls and overlaps.

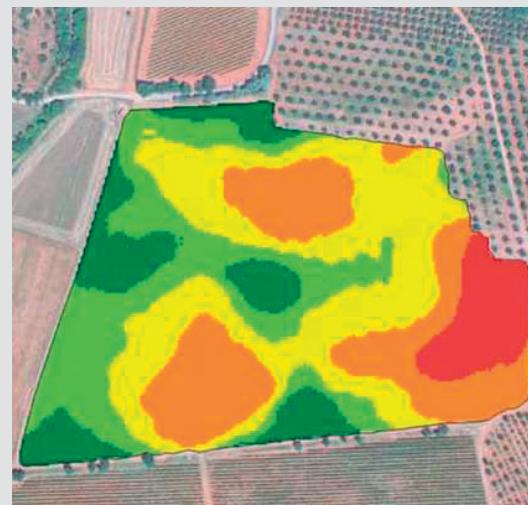
The versions "+W" with a **double frame** **integrates two 5000 kg loading cells**, that detect the real weight of the product in the hopper in a continuous way, reporting every fertiliser and every physical variation to a distribution curve in order to deliver the exact quantity per hectare required.

A control unit with **inclinometer** manages the two cells positioned in the hitching lower area of the spreader detect **precise values also in presence of inclined fields up to 12% in all directions.**





By connecting these types of fertilizer spreaders to a **ISOBUS** tractor / device, a simple and intuitive **Universal Terminal** for management the functions of the fertilizer spreader is displayed.



From the work page it is possible to manage the data of the spreading, view statistics and operate **with variable rate prescription maps** with control of the distribution sections and the overlaps.

Eurospand fertilizer spreaders are **ISOBUS certified** and present on the **AEF database**.

**AEF Certified**



Isobus monitor for equipping tractors that do not have one and for the connection with other Isobus equipment. (Optional)





VIBRO SYSTEM



LATERAL FEEDING



DOSAGE AND DISTRIBUTION



TPS



STAINLESS STEEL ANTI-CORROSIVE



HYDRAULIC OPENINGS



INOX



ELECTRONIC



WEIGHING SYSTEM



SPREADING WIDTH FULL-FIELD



INTER-ROW DISTRIBUTION



ISOBUS COMPATIBLE



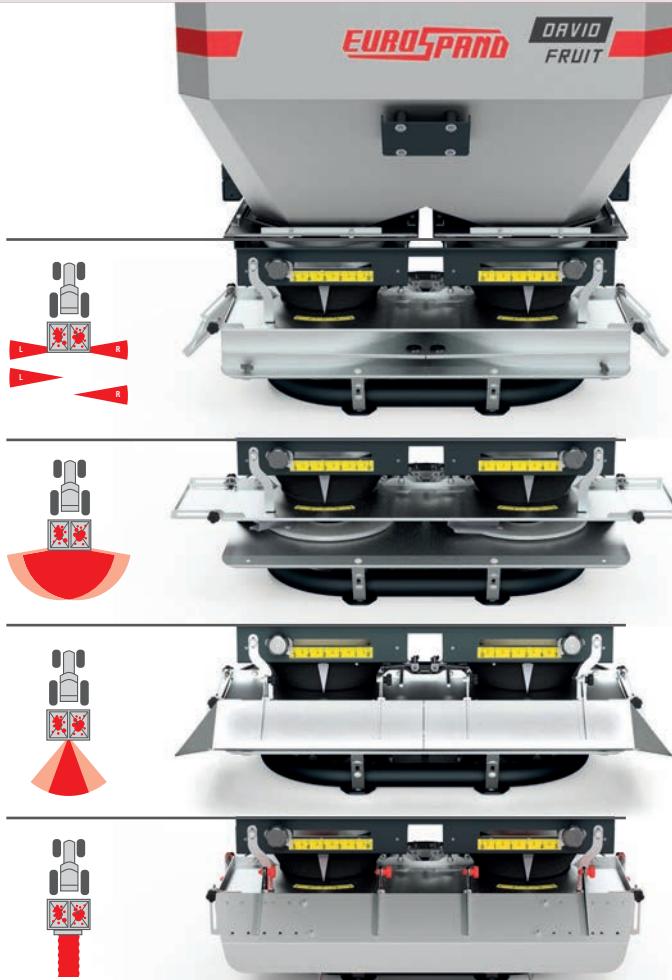
2 HITCHING POSITIONS



CAPACITY



WEIGHT



## The maximum versatility.

This model, with only **1,1 meters of width** is ideal for the **intensive fertilization in orchards and vineyards rows from 2 up to 5 metres**.

Designed for **localized inter-row distribution**, *David Fruit*, thanks to a stainless-steel adjustable conveyor, can be easily adapted for full-field distribution **up to 12 meters**. With the help of attachments on request, it also allows you to perform other useful operations:

- Localized fertilization in a large band at the **centre of the row** or in greenhouses
- Localized fertilization on **row crops from 50 to 85 cm** (e.g. vegetables)
- **Subsoil** fertilization with *EuroSpand Solco* subsoiler



# DELTA FRUIT



VIBRO SYSTEM



LATERAL FEEDING



DOSAGE AND DISTRIBUTION



TPS



STAINLESS STEEL ANTI-CORROSIVE



HYDRAULIC OPENINGS



ELECTRONIC



WEIGHING SYSTEM

max 18  
m

SPREADING WIDTH FULL-FIELD

2,5-8  
m

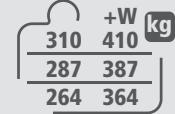
INTER-ROW DISTRIBUTION



ISOBUS COMPATIBLE



CATEGORY

1500  
1150  
800  
L310  
287  
264  
kg  
+W  
410  
387  
364

EUROSPAND

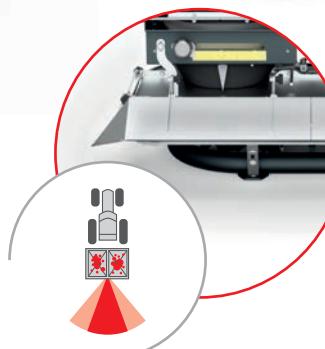
DELTA FRUIT

Removable carter to shift to full-field distribution

**Delta Fruit**, with loading capacity and spreading width greater than *David Fruit* model, is ideal for the intensive fertilization of orchards, olive plantations, citrus groves, hazelnut groves and other row crops.

It has a **width of 1.55m**, and it is designed for **localized inter-row fertilization**, but thanks to a **removable casing** made of stainless steel, it can be quickly transformed for **full-field distribution up to 18m**. With the help of an optional attachment, it is also possible to fertilize at the **centre of the row or in greenhouses**.

Extensions to increase inter-row spreading up to 10 metres



# EUROSPAND

# DAVID



VIBRO SYSTEM



LATERAL FEEDING



DOSAGE AND DISTRIBUTION



TPS

STAINLESS STEEL  
ANTI-CORROSIVEHYDRAULIC  
OPENINGS

ELECTRONIC

MAX SPREADING  
WIDTHCATEGORY  
I-IICAPACITY  
1000  
800  
600WEIGHT  
247  
231  
215

Little dimensions,  
great contents.

Model with reduced dimensions, for needs of fertilizer and sowing of **mid- little agricultural and sports areas**.

*David*, even though his compact dimensions, results **extremely strength**, supporting **useful loads up to 1200 kg** and it is ideal to be used with small-mid power tractors with I and II hook category in two different positions.



\*optional kit of vanes



# DELTA



VIBRO SYSTEM



LATERAL FEEDING



DOSAGE AND  
DISTRIBUTION



TPS



STAINLESS STEEL  
ANTI-CORROSIVE



HYDRAULIC  
OPENINGS



ELECTRONIC



WEIGHING SYSTEM



SPREADING  
WIDTH FULL-FIELD



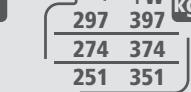
ISOBUS  
COMPATIBLE



3 HITCHING  
POSITIONS



CAPACITY



WEIGHT

Doors on the  
front side



## EuroSpand's newest addition

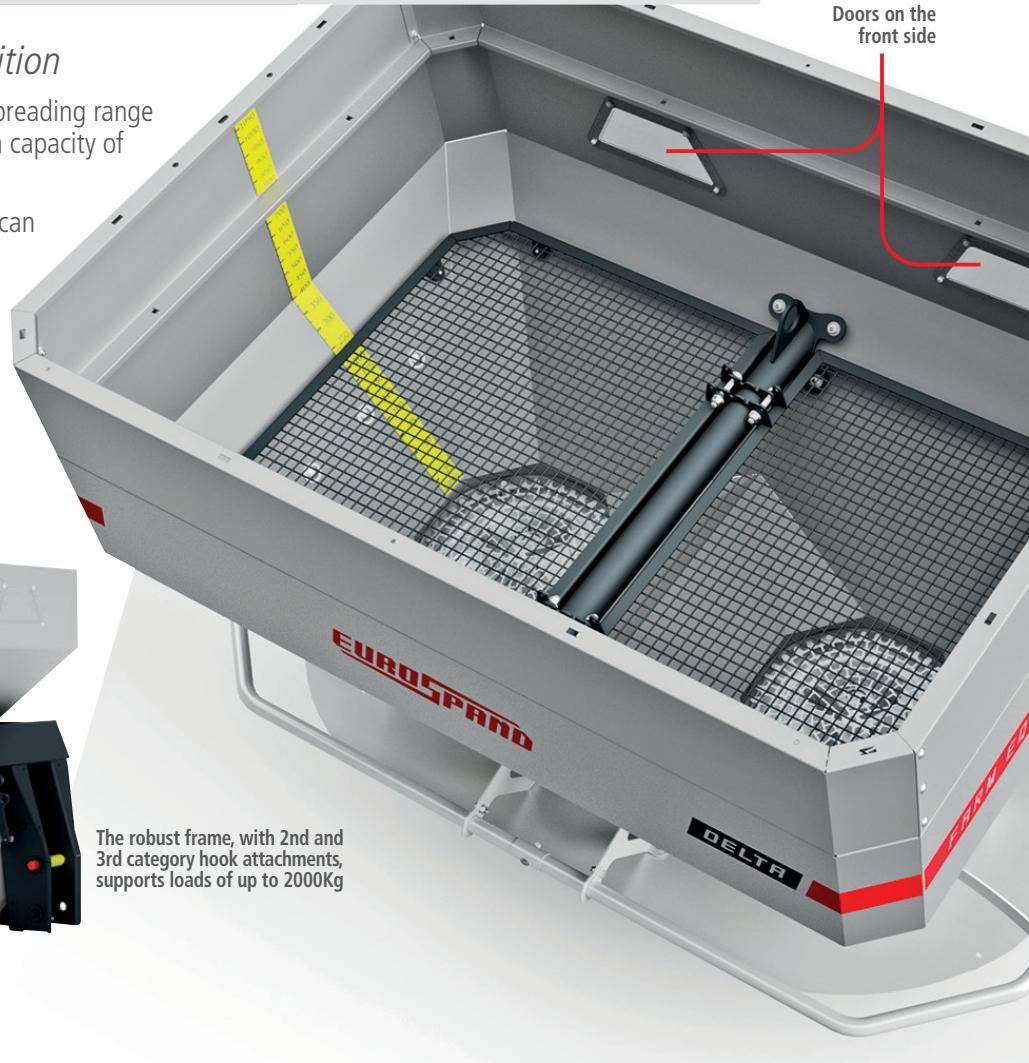
The new compact model with a spreading range of up **18 metres** and a maximum capacity of **1500 litres**.

**Delta**, like full-field *Jolly* models, can be equipped with electronic and **weighing system**, as well as **ISOBUS** protocol.

CE protectors and stainless-steel anti-turbulence system



One or two extensions increase the load capacity up to 1150 or 1500 litres



The robust frame, with 2nd and 3rd category hook attachments, supports loads of up to 2000Kg

# EUROSPAND

# GALILEO



VIBRO SYSTEM



LATERAL FEEDING



DOSAGE AND DISTRIBUTION



TPS



INOX  
STAINLESS STEEL  
ANTI-CORROSIVE



HYDRAULIC  
OPENINGS



ELECTRONIC



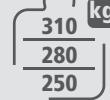
MAX SPREADING  
WIDTH



CATEGORY



1600  
1100  
600  
L  
CAPACITY

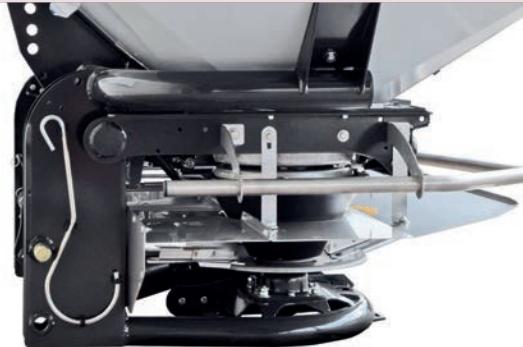


310  
280  
250  
kg  
WEIGHT

The essence of functionality.

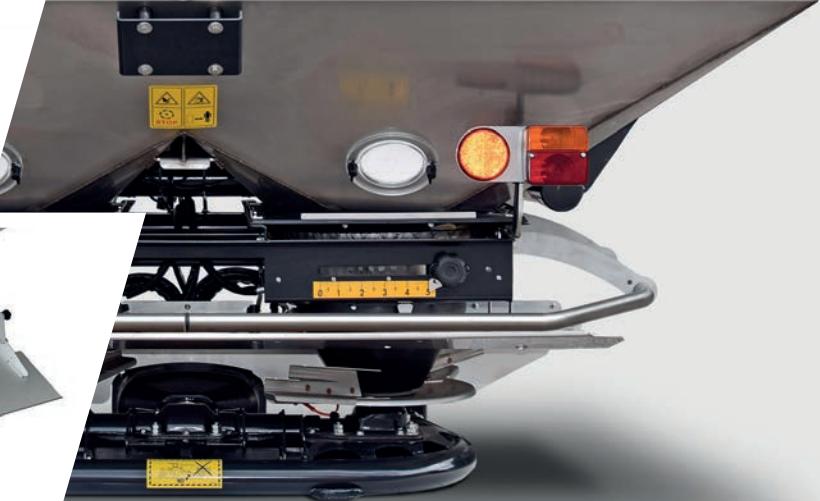
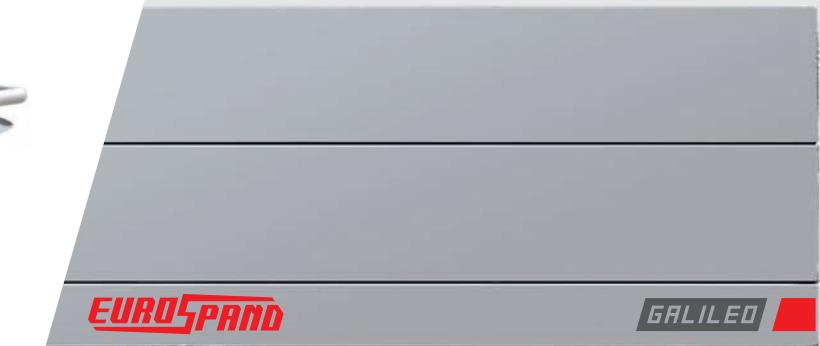
Model with **lowered hopper** and reduced high, enables easy loading from bags and buckets, offering, at the same time, an **interesting loading capacity up to 1600 L**.

Strong frame with useful loads up to **1900 kg** and II category hitches with **two hitching positions**.



Plexiglas doors on the back

Manual device to spread along fields borders (optional).



# JOLLY 18



VIBRO SYSTEM



LATERAL FEEDING



DOSAGE AND DISTRIBUTION



TPS



STAINLESS STEEL ANTI-CORROSIVE



HYDRAULIC OPENINGS



ELECTRONIC



WEIGHING SYSTEM

18-24\*  
m  
SPREADING WIDTH FULL-FIELD

ISOBUS COMPATIBLE



CATEGORY

1800  
1450  
850  
CAPACITY+W kg  
385 485  
370 470  
330 430  
WEIGHT

\*with optional kit of vanes

**Frame:** structural strength with payloads up to 3600 kg.

II and III category hitching and hooking versatility with three different positions; normal, advanced by 100 mm, or raised by 150 mm for late fillings.

## Super-professional Models.

Models with mid-high load capacity and working width, **for reasons of fertilizations and sowing of large agricultural areas.**

**Plexiglas doors:** The Plexiglas doors placed on the rear and anterior side of the hopper allow easy access to the sieving grids to eliminate possible foreign matter and check the inside of the hopper.

**Internal support structure:** standard applied on all our double disc models – this central support structure incorporates two safe hooks for the spreader lift and set up for fixing the **folding filtering grids** (optional).



# **EUROSPAND**

# **JOLLY 24 28 32**

## **HYDRAULIC**



VIBRO SYSTEM



LATERAL FEEDING



DOSAGE AND  
DISTRIBUTION



TPS



INOX  
STAINLESS STEEL  
ANTI-CORROSIVE



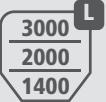
HYDRAULIC  
OPENINGS



SPREADING  
WIDTH FULL-FIELD  
**m**



CATEGORY



**3000**  
2000  
1400  
**L**

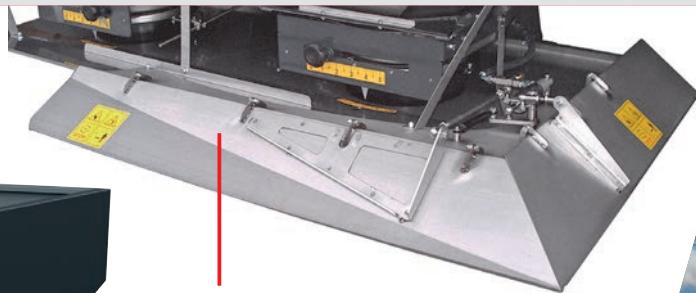


**600**  
520  
480  
**kg**

Great dimensions  
for high performances.



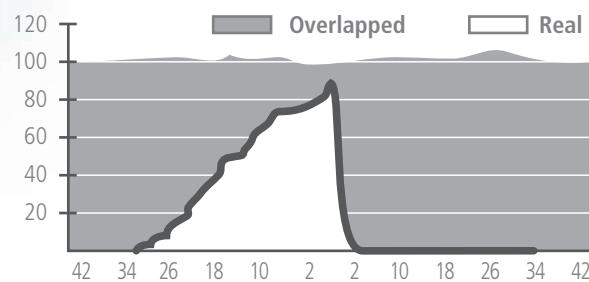
The top of the range for machines with  
hydraulic systems that allow distributions up to  
32 meters and capacity up to 3000 liters.



**Border spreading:** with this hydraulic device for the fertilization of the headlands of the field, **with passages just 2 m from the limit of the edge**, it is ensured that the fertilizer does not exceed the plot to be treated.

Thanks to this accessory it is so possible perform a border fertilization easily and optimally.

PERFECT DISTRIBUTION RIGHT SIDE



**EUROSPAND**  
FARM EQUIPMENT SINCE 1970

**JOLLY 24**



# JOLLY 24 32

## ELECTRONIC



VIBRO SYSTEM



LATERAL FEEDING

DOSAGE AND  
DISTRIBUTION

TPS

STAINLESS STEEL  
ANTI-CORROSIVE

ELECTRONIC



WEIGHING SYSTEM

SPREADING  
WIDTH FULL-FIELDISOBUS  
COMPATIBLE

CATEGORY

3 HITCHING  
POSITIONS

<b>3000</b>	<b>L</b>	<b>580</b>	<b>+W</b>	<b>680</b>	<b>kg</b>
<b>2000</b>		<b>500</b>		<b>600</b>	
<b>1400</b>		<b>460</b>		<b>560</b>	

<b>580</b>	<b>+W</b>	<b>680</b>	<b>kg</b>
<b>500</b>		<b>600</b>	
<b>460</b>		<b>560</b>	

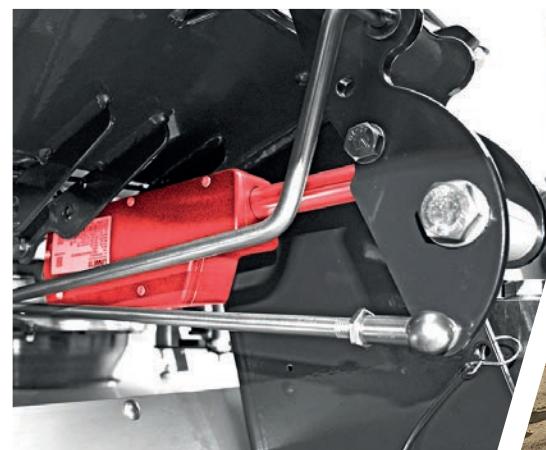
WEIGHT

### 360° technology.

These models apply as standard **electronic controls of the dose to be distributed (DPAE)** and in the versions (+ W), with **integrated weighing system**, perform a continuous correction of product flow to ensure the real quantity per hectare required.



Two **superfast** electric actuators guarantee a positioning fast and accurate.



# EUROSPAND

# TROLLEY 4T



EuroSpand trolleys with **variable** track to transform the fertilizer spreader **from carried to trailed**.

Sturdy frame with a maximum capacity of **4000 kg**, can be dismounted to minimize the overall dimensions during shipments.

Possibility of mounting oversized wheels to increase the contact surface with the ground and reduce soil compaction.  
Standard wheels: 11.5 / 80-15.3  
Increased wheels: 15.0 / 55-17



4000	<b>kg</b>
1,55-2	<b>m</b>
CATEGORY	FERTILISER SPREADERS HOOKS
530	<b>kg</b>

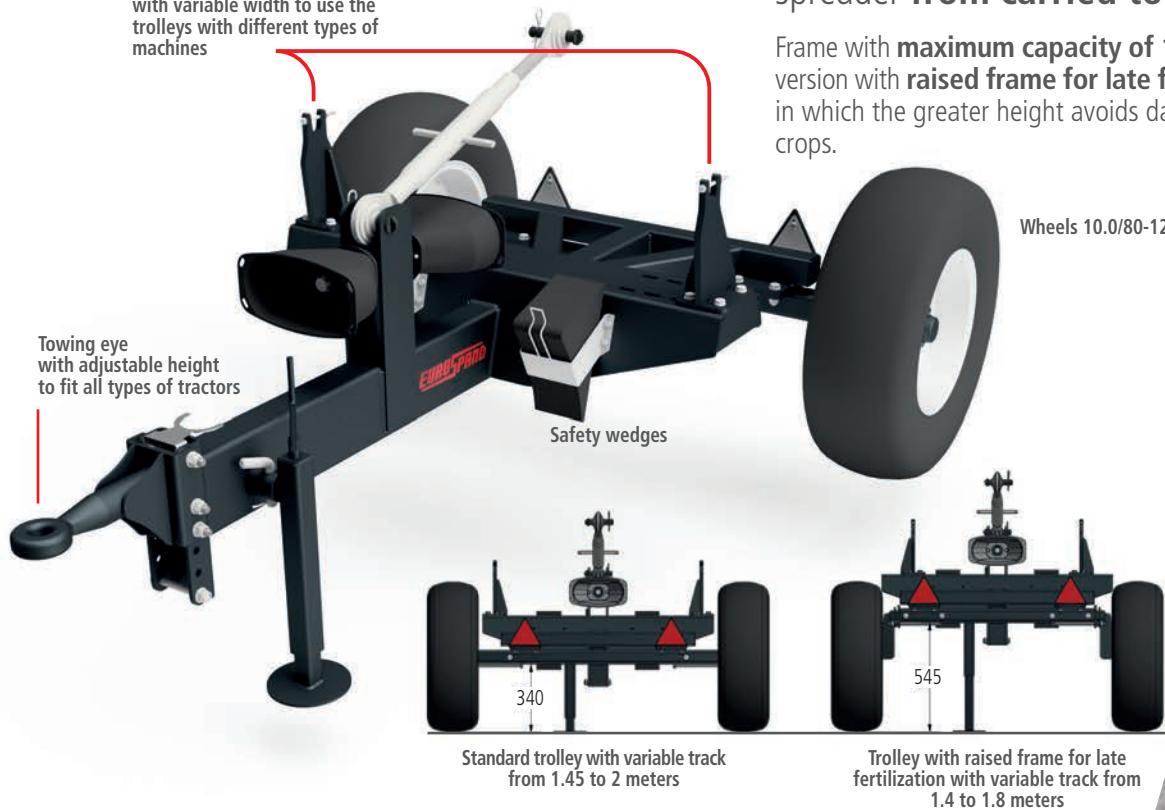


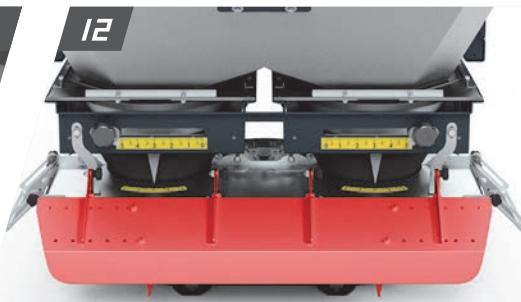
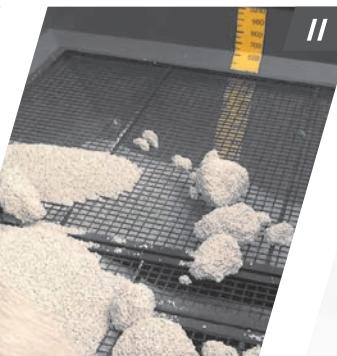
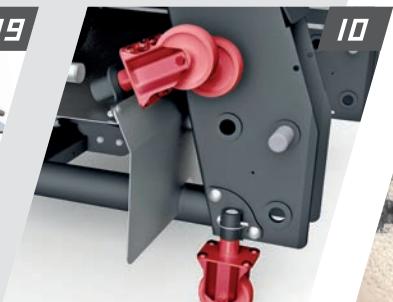
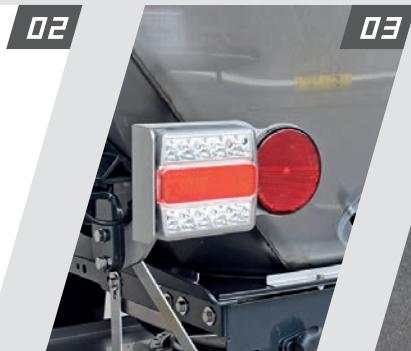
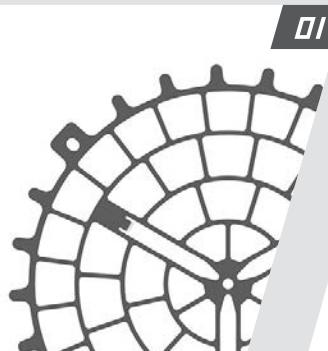
# TROLLEY I.5T

	Payload capacity
	Standard adjustable
	Raised adjustable
	Fertiliser spreaders hooks
	Weight ING - RAISED STANDARD

EuroSpand trolleys with **variable track** to transform the fertilizer spreader **from carried to traile**d.

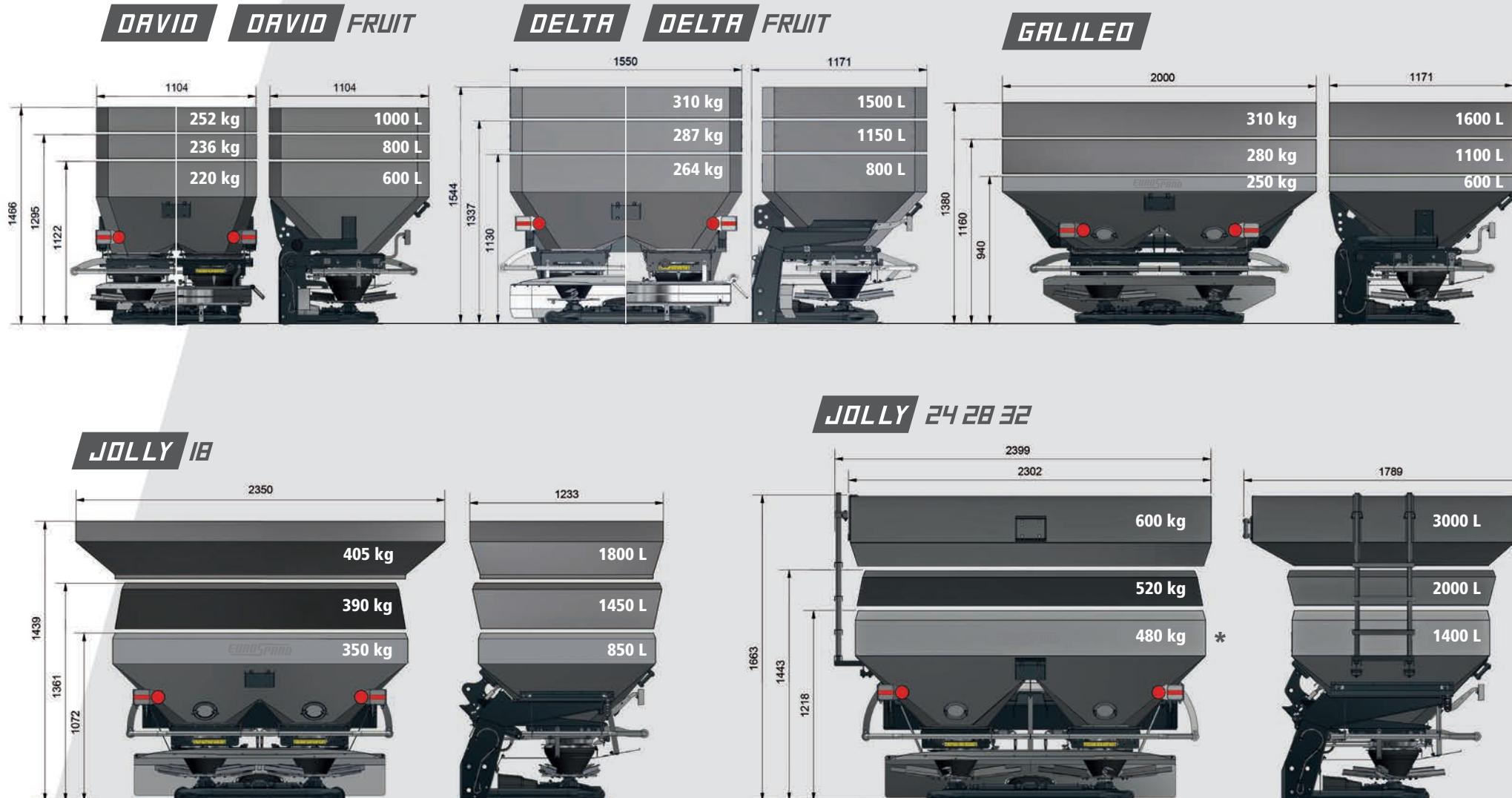
Frame with **maximum capacity of 1500 kg** and version with **raised frame for late fertilization**, in which the greater height avoids damage to the crops.





- 01 – GRID FOR ORGANIC AMENDERS**
  - 02 – LATERAL EXTENTIONS**
  - 03 – ROAD LED LIGHTING SYSTEM\***
  - 04 – DEVICE FOR BORDERS**
  - 05 – FIXED HOPPER COVERS**  
**HOPPER COVERS**
  - 07 – CONTROLLER**
  - 08 – KIT OF VANES**
  - 09 – L/R SHUTTERS**
  - 10 – WHEEL SUPPORT**
  - 11 – EXTRA FOLDING FILTERING GRID**
  - 12 – KIT FOR ROW FERTILISATION (50-85cm)**

(\*) standard in JOLLY 32 version



\* Weight of Jolly 24 version without management and weighing electronic system.



FARM EQUIPMENT SINCE 1970

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