

EUROSPAND

FARM EQUIPMENT SINCE 1970

DOUBLE DISC FERTILIZER SPREADER





EUROSPAND

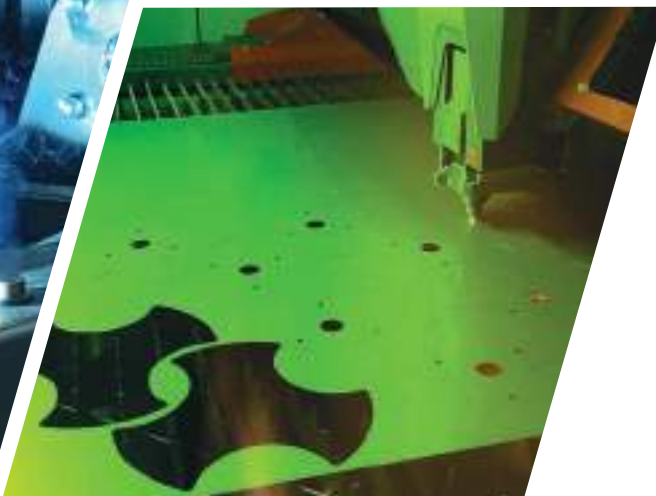
FARM EQUIPMENT SINCE 1970

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 on 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).

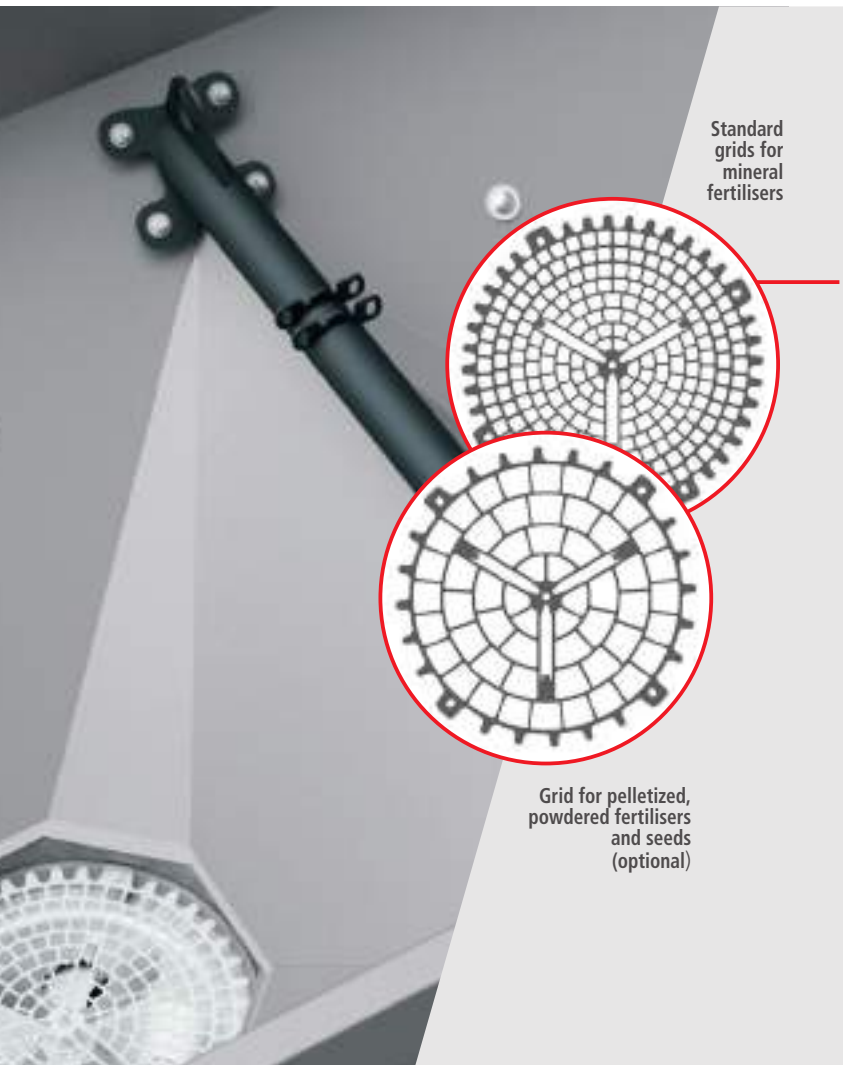


ISOBUS

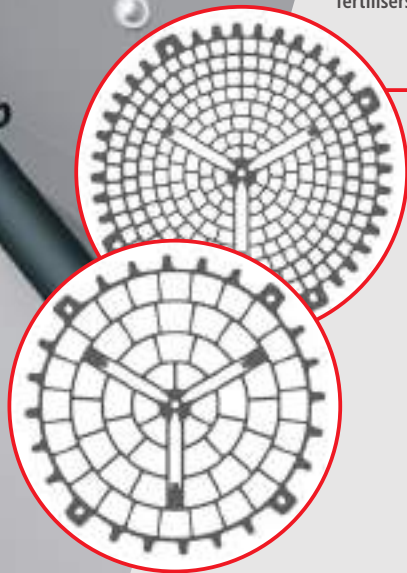
ISOBUS compatible system.



VIBRO SYSTEM without agitator



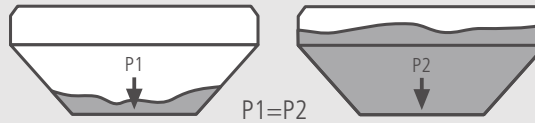
Standard grids for mineral fertilisers



Grid for pelletized, powdered fertilisers and seeds (optional)

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.

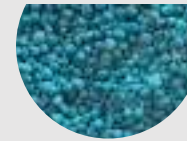
The **stainless steel grids** (available in two models) applied above the vibrating bottom retain the fertilizer lumps and **maintain constant the fertilizer pressure on the feed system**.



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

NPK



AMMONITRATE



SUPER TRIPLE



UREA



*POTASSIUM
CHLORIDE*



*AMMONIUM
SULPHATE*



PK



AMMONITRATE



NPK



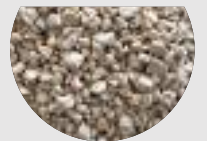
SEEDS



*ORGANIC
AMENDERS*



*POTASSIUM
MAGNESIUM
SULPHATE*





LATERAL FEEDING

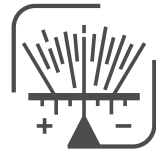
Feed the fertilizer laterally to the vane, **means elimination of the granule brake and powdering** during distribution.

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.

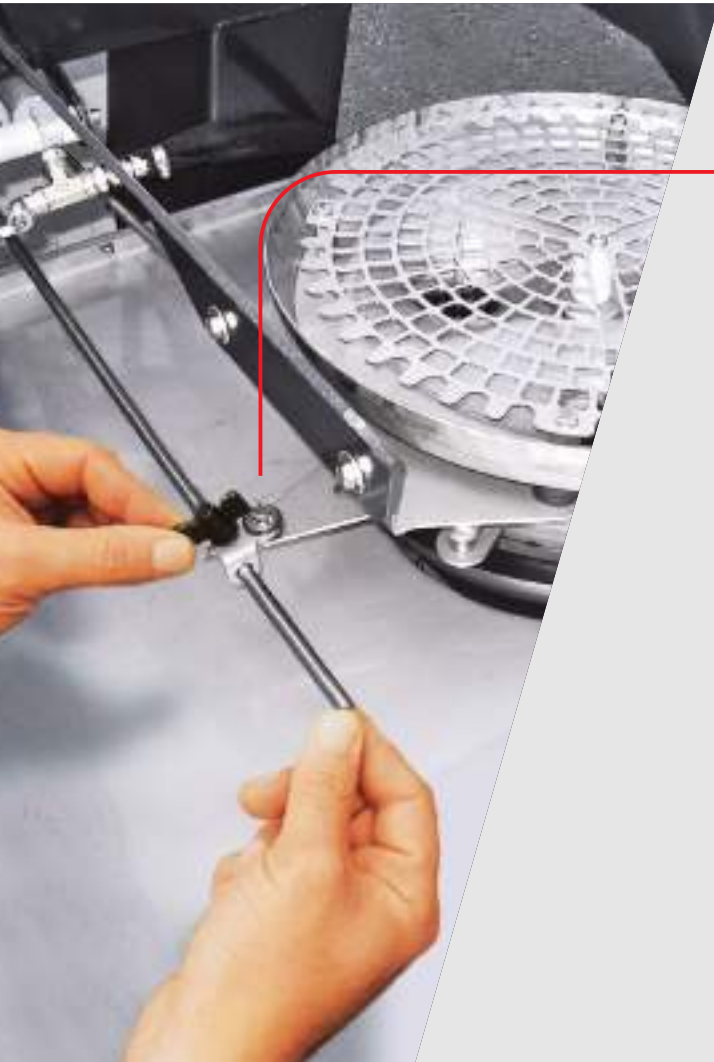


ANTITURBOLENCE

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



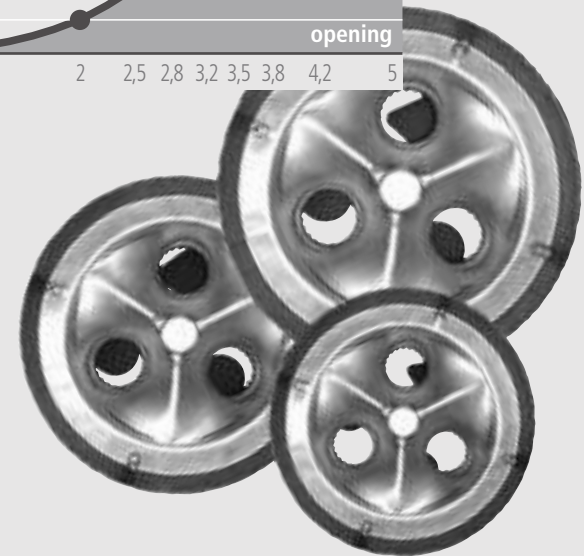
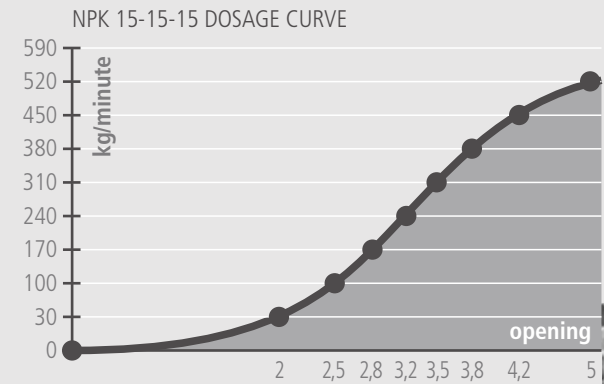
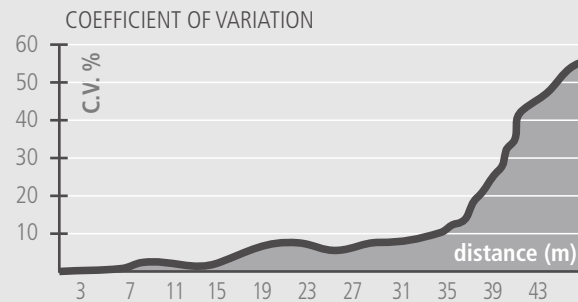
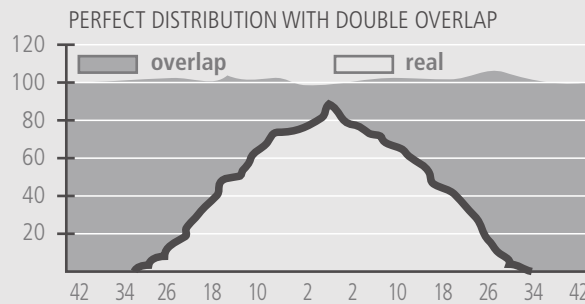
DOSAGE and DISTRIBUTION



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.

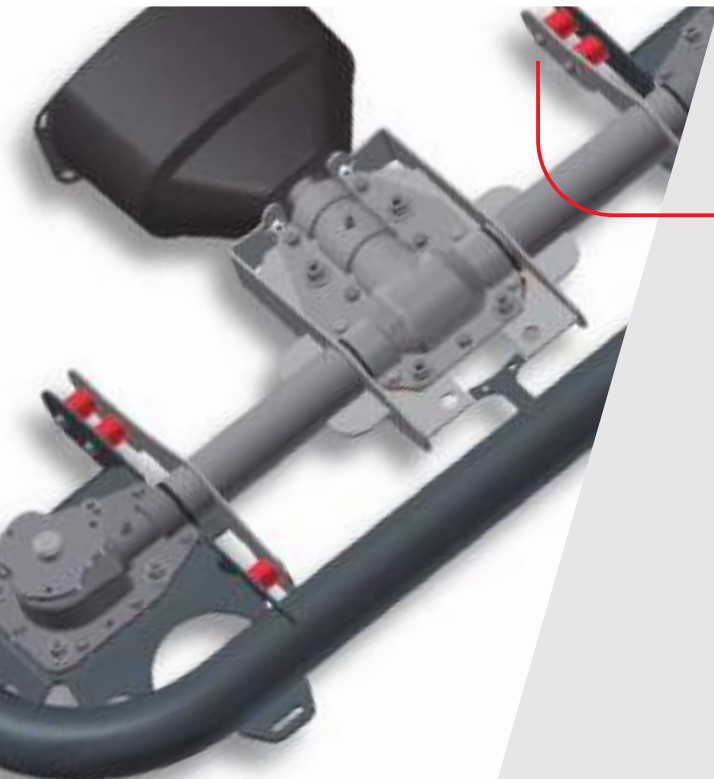




TPS Fertilizer
Spreader
Protection system



HYDRAULIC OPENING
and CLOSING



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

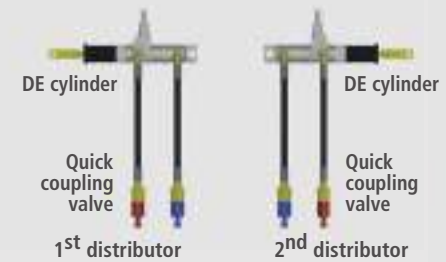
The central box is anchored to the chassis through **six rubber mountings** that absorb anomalous bending borne by the input shaft.



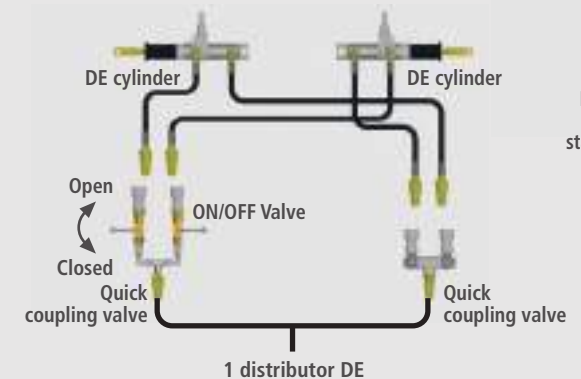
High-strength
moulded and
tempered gears

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.



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



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




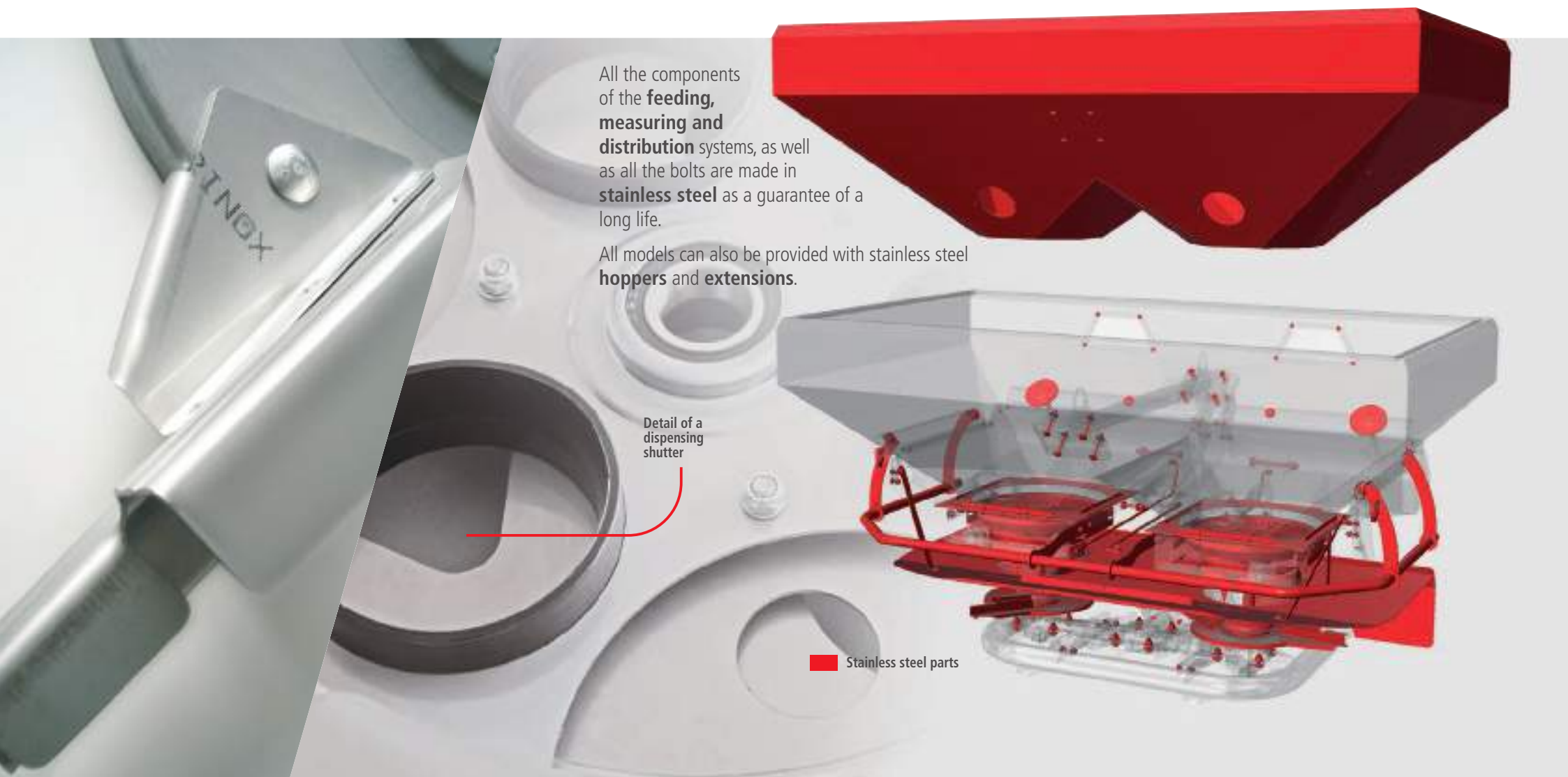
STAINLESS STEEL

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





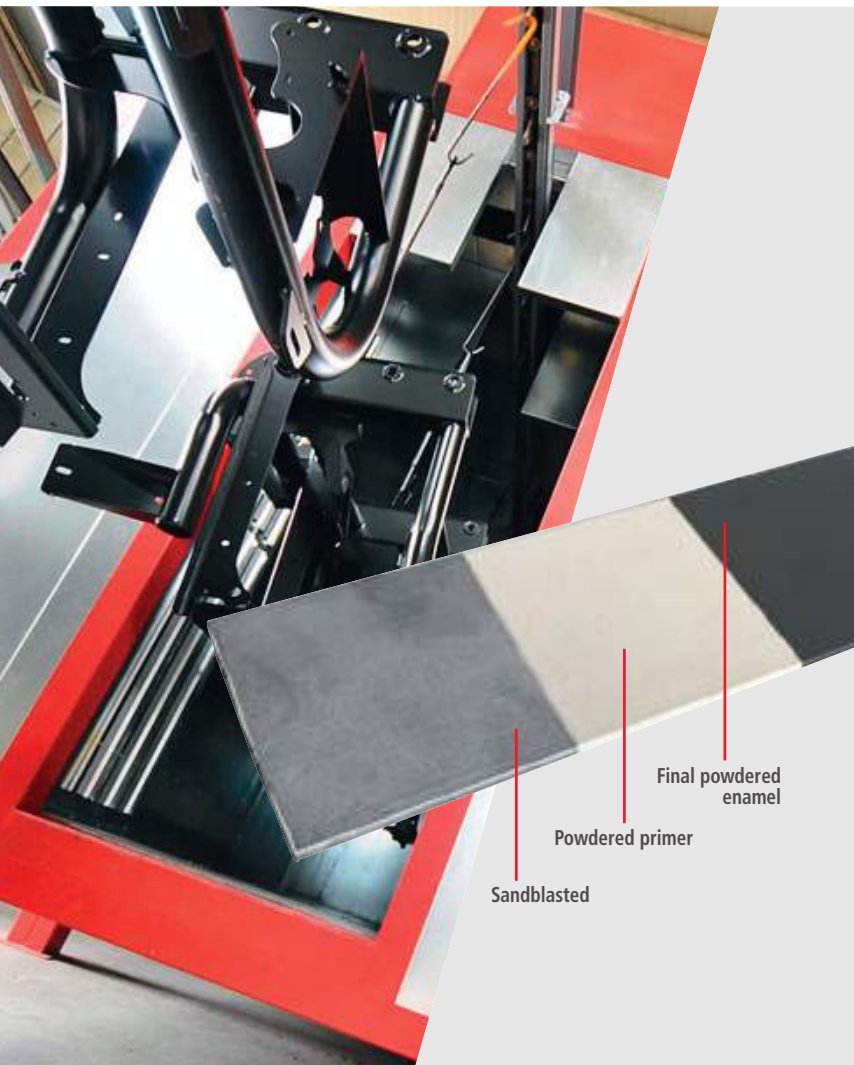
ANTI-CORROSIVE TREATMENTS

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.



Sandblasted

Powdered primer

Final powdered enamel

1 – SANDBLAST



2 – POWDERED PRIMER



3 – FINAL POWDERED ENAMEL





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.



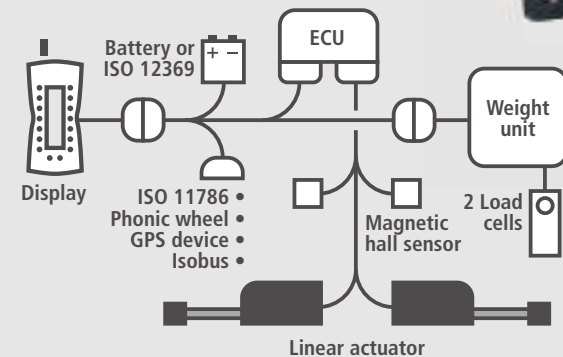
Two magnetic sensors detect the exact opening of each shutter and control directly the linear actuators avoiding any possible error of position.



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**.

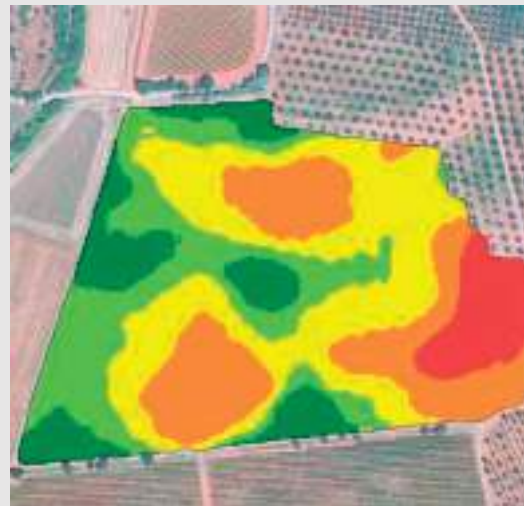




ISOBUS

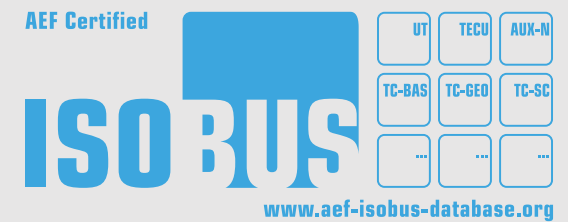


By connecting these types of fertilizer spreaders to a **ISOBUS** tractor / device, a simple and intuitive **Universal Terminal** for management the functions of the fertilizer spreader is displayed.



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**.



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



EUROSPAND

DAVID FRUIT



VIBRO SYSTEM



LATERAL FEEDING



DOSAGE AND DISTRIBUTION



TPS



STAINLESS STEEL ANTI-CORROSIVE



HYDRAULIC OPENINGS



ELECTRONIC



WEIGHING SYSTEM



SPREADING WIDTH FULL-FIELD
max 12



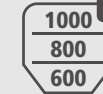
INTER-ROW DISTRIBUTION
2-5



ISOBUS COMPATIBLE

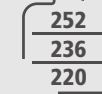


CATEGORY
2 HITCHING POSITIONS



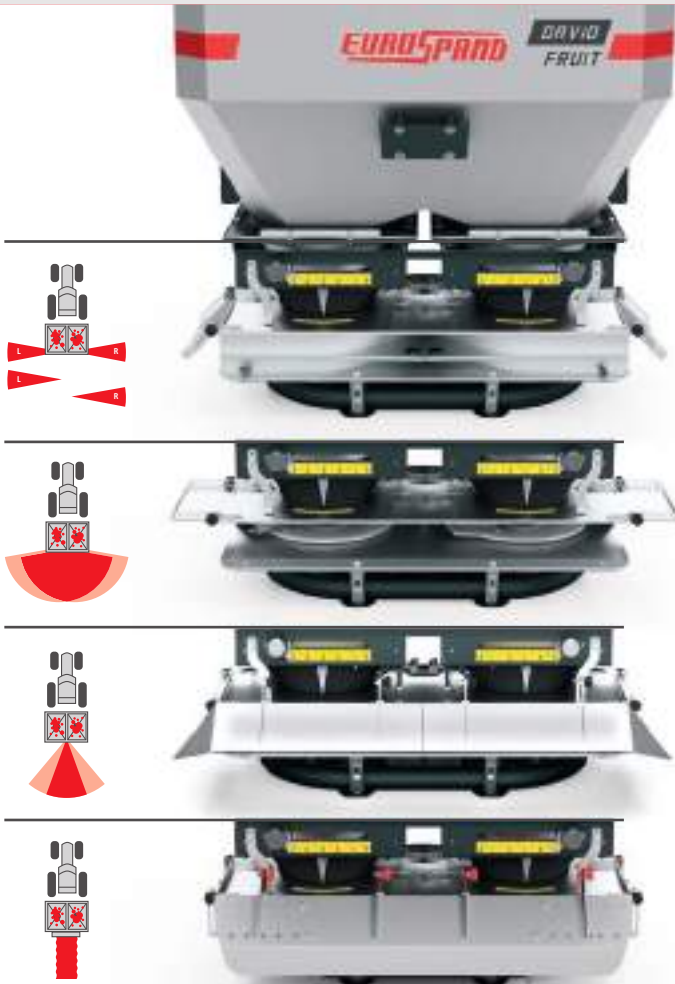
1000 L
800
600

CAPACITY



252 +W
236 316
220 300

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



SOLCO



DELTA FRUIT



VIBRO SYSTEM



LATERAL FEEDING



DOSAGE AND DISTRIBUTION



TPS



INOX
STAINLESS STEEL
ANTI-CORROSIVE



HYDRAULIC
OPENINGS



ELECTRONIC



WEIGHING SYSTEM



max 18
SPREADING
WIDTH FULL-FIELD



INTER-ROW
DISTRIBUTION



ISOBUS
COMPATIBLE

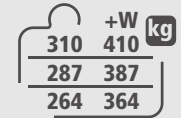


3 HITCHING
POSITIONS



1500^L
1150
800

CAPACITY



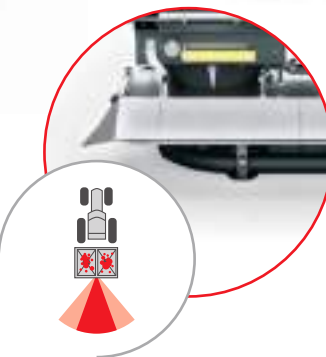
	+W	kg
310	410	
287	387	
264	364	

WEIGHT



Removable carter to shift
to full-field distribution

Extensions to increase
inter-row spreading
up to 10 metres



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.



EUROSPAND

DAVID



VIBRO SYSTEM



LATERAL FEEDING



DOSAGE AND DISTRIBUTION



TPS



INOX
STAINLESS STEEL
ANTI-CORROSIVE



HYDRAULIC
OPENINGS



ELECTRONIC



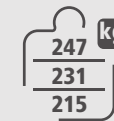
15-18*
MAX SPREADING
WIDTH



CATEGORY
2 HITCHING
POSITIONS



1000
800
600
CAPACITY



247
231
215
WEIGHT



*optional kit of vanes



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.**



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

	+W	kg
1500	297	397
1150	274	374
800	251	351

WEIGHT



CE protectors and stainless-steel anti-turbulence system

EuroSpand's newest addition

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

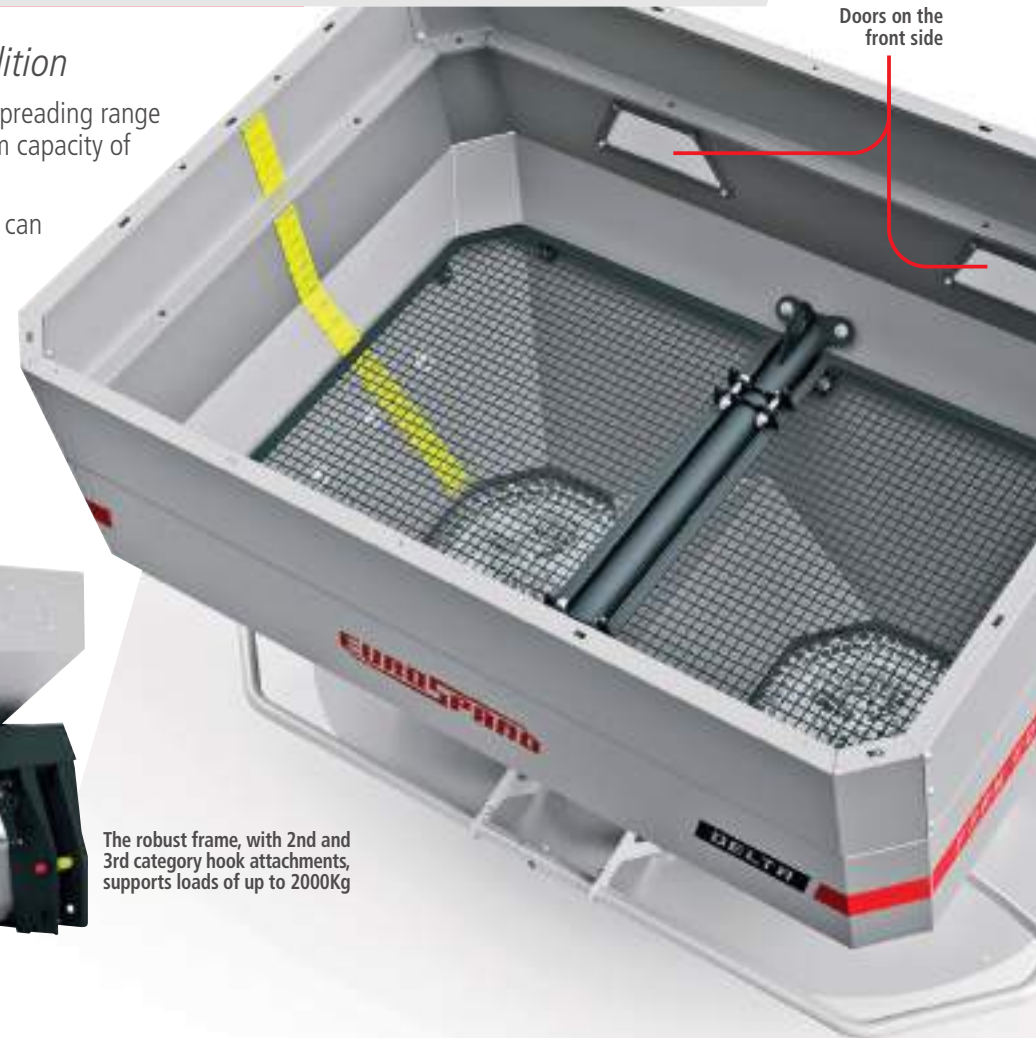
Delta, like full-field *Jolly* models, can be equipped with electronic and **weighing system**, as well as **ISOBUS protocol**.



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



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



Doors on the front side

EUROSPAND

GALILEO



VIBRO SYSTEM



LATERAL FEEDING



DOSAGE AND DISTRIBUTION



TPS



STAINLESS STEEL
ANTI-CORROSIVE



HYDRAULIC
OPENINGS



ELECTRONIC



MAX SPREADING
WIDTH



2 HITCHING
POSITIONS



CAPACITY



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



INOX
STAINLESS STEEL
ANTI-CORROSIVE



HYDRAULIC
OPENINGS



ELECTRONIC



WEIGHING SYSTEM



SPREADING
WIDTH FULL-FIELD
18-24*



ISOBUS
COMPATIBLE

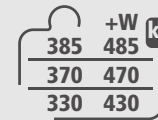


3 HITCHING
POSITIONS



1800 ^L
1450
850

CAPACITY



385	+W	485
370		470
330		430

WEIGHT



*with optional
kit of vanes

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).

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.**



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
24/28/32 m



3 HITCHING POSITIONS
CATEGORY



CAPACITY



WEIGHT

Great dimensions for high performances.



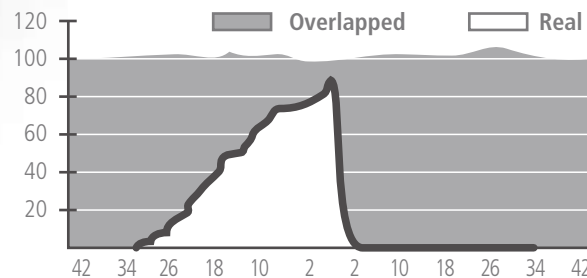
The top of the range for machines with hydraulic systems that allow distributions up to 32 meters and capacity up to 3000 liters.



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



JOLLY 24 32 ELECTRONIC



VIBRO SYSTEM



LATERAL FEEDING



DOSAGE AND DISTRIBUTION



TPS



INOX
STAINLESS STEEL
ANTI-CORROSIVE



ELECTRONIC



WEIGHING SYSTEM



SPREADING
WIDTH FULL-FIELD
24/32^m



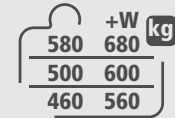
ISOBUS
COMPATIBLE



CATEGORY
3 HITCHING
POSITIONS



CAPACITY



WEIGHT



360° technology.

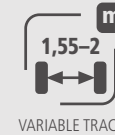
These models apply as standard **electronic controls of the dose to be distributed (DPAE) and in the versions (+ W), with integrated weighing system**, perform a continuous correction of product flow to ensure the real quantity per hectare required.

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



EUROSPAND

TROLLEY 4T



Hooks for the fertilizer spreader with variable width to use the trolleys with different types of machines

Platform with access ladder for inspection of the fertilizer spreader hopper

Towing eye with adjustable height to fit all types of tractors

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



← Variable track from 1,55 to 2 meters →



TROLLEY 1.5T



PAYLOAD
CAPACITY



STANDARD
ADJUSTABLE



RAISED
ADJUSTABLE



FERTILISER SPREADERS
HOOKS



ING - RAISED

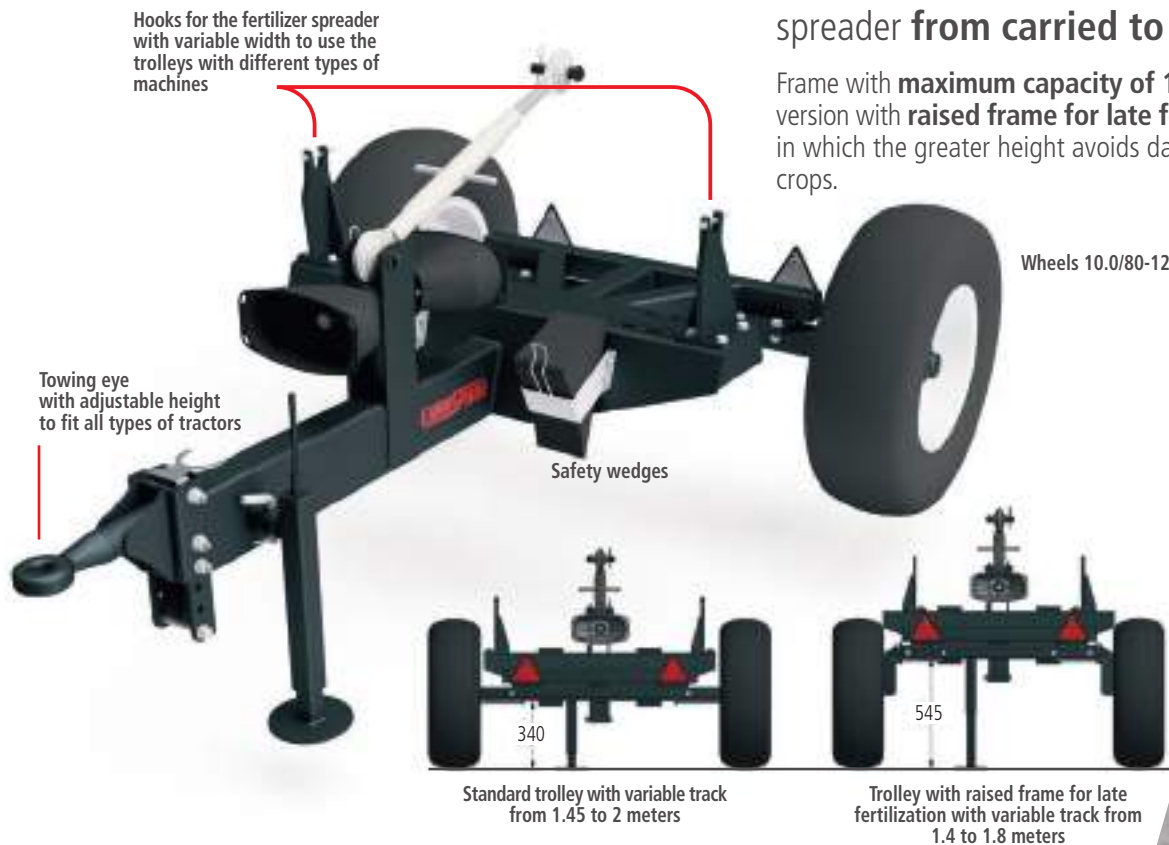


STANDARD

WEIGHT

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

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.



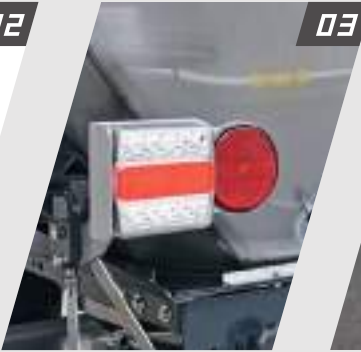
01



02



03



04



05



06



07



08



09



10



11



12



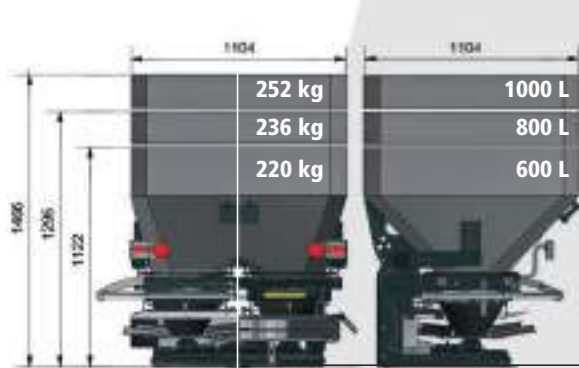
- 01 – GRID FOR ORGANIC AMENDERS
- 02 – LATERAL EXTENTIONS
- 03 – ROAD LED LIGHTING SYSTEM*
- 04 – DEVICE FOR BORDERS
- 05 – FIXED HOPPER COVERS
- HOPPER COVERS
- 07 – CONTROLLER
- 08 – KIT OF VANES
- 09 – L/R SHUTTERS
- 10 – WHEEL SUPPORT
- 11 – EXTRA FOLDING FILTERING GRID
- 12 – KIT FOR ROW FERTILISATION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

DAVID
DAVID FRUIT
GALILEO
DELTA
DELTA FRUIT
JOLLY 18
JOLLY 24-28-32

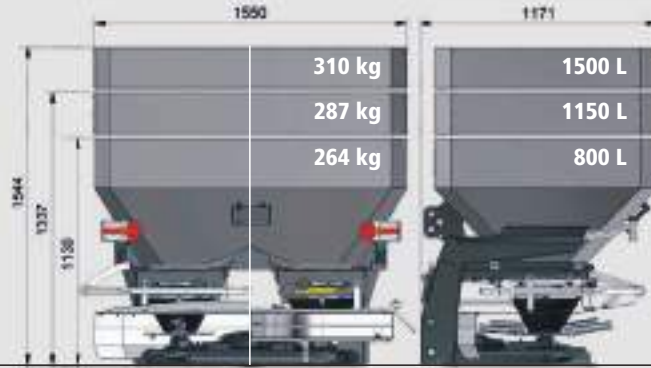
	DAVID	DAVID FRUIT	GALILEO	DELTA	DELTA FRUIT	JOLLY 18	JOLLY 24-28-32
01 – GRID FOR ORGANIC AMENDERS	■	■	■	■	■	■	■
02 – LATERAL EXTENTIONS		■			■		
03 – ROAD LED LIGHTING SYSTEM*	■	■	■	■	■	■	■
04 – DEVICE FOR BORDERS			■	■		■	■
05 – FIXED HOPPER COVERS	■	■	■	■	■	■	■
HOPPER COVERS				■	■		■
07 – CONTROLLER	■		■	■		■	■
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

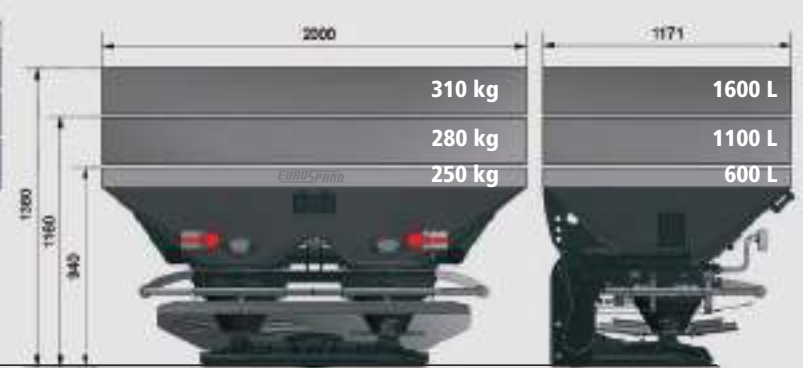
DAVID DAVID FRUIT



DELTA DELTA FRUIT



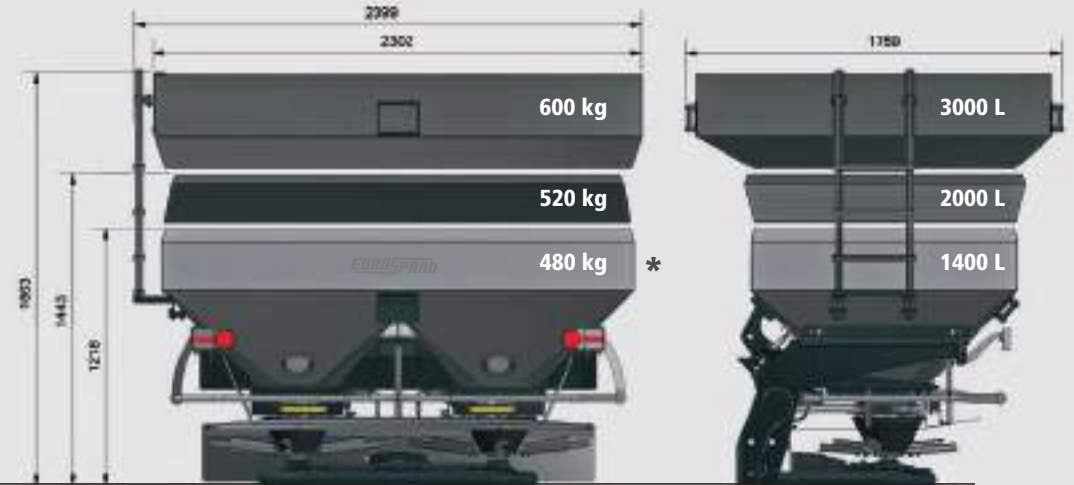
GALILEO



JOLLY 18



JOLLY 24 28 32



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



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