

EUROSPAND

FARM EQUIPMENT SINCE 1970

DOUBLE DISC FERTILIZER SPREADERS





EUROSPAND

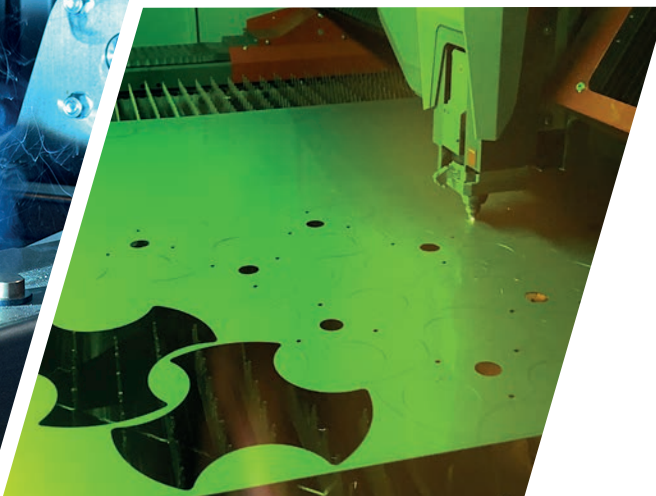
FARM EQUIPMENT SINCE 1970

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, 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.



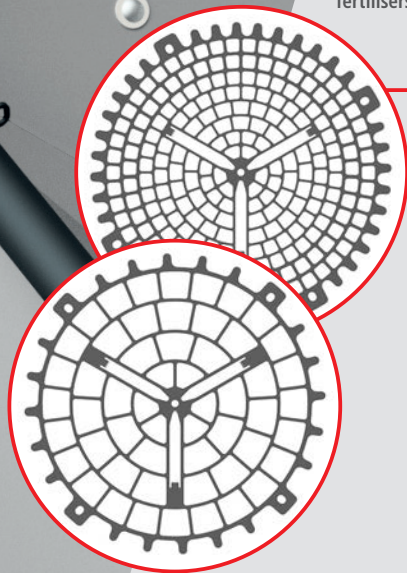
SMART FERTILIZATION

Distribution only near the plant.



VIBRO SYSTEM without agitator

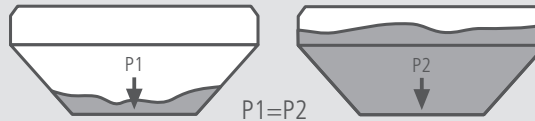
Standard grids for mineral fertilisers



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.

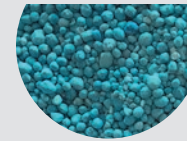
The **stainless steel grids** (available in two models) applied above the vibrating bottom retain the fertilizer lumps and **maintain constant the fertilizer pressure on the feed system**.



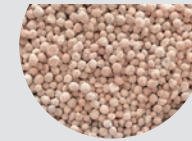
VIBRO-SYSTEM solves the issues related to:

- 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



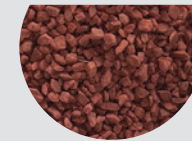
SUPER TRIPLE



UREA



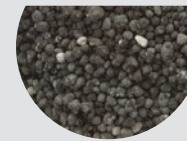
*POTASSIUM
CLORIDE*



*AMMONIUM
SULPHATE*



PK



AMMONITRATE



NPK



SEEDS



*ORGANIC
AMENDERS*



*POTASSIUM
MAGNESIUM
SULPHATE*

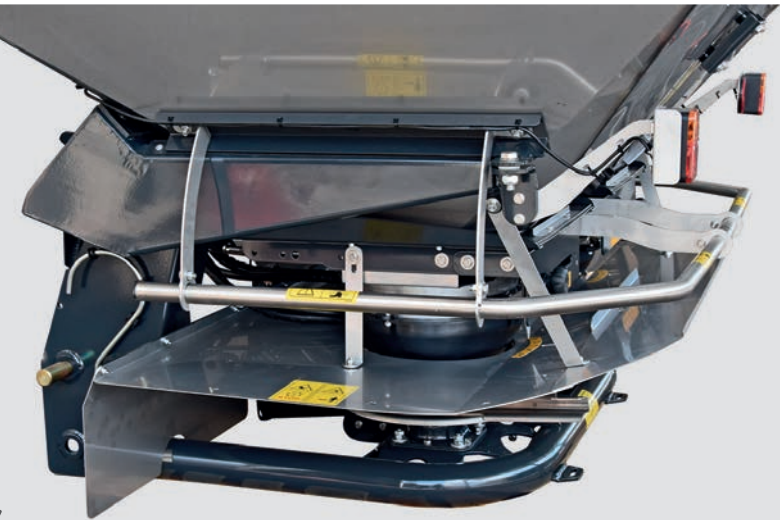




LATERAL FEEDING

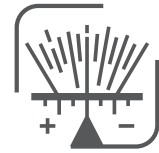
Feed the fertilizer laterally to the vane, **means eliminating the breaking and pulverization of granules** during distribution.

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



ANTITURBOLENCE

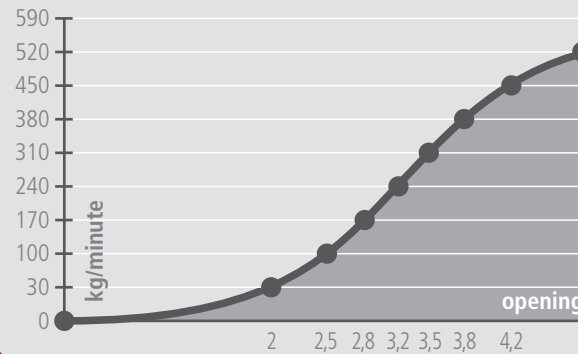
Moulded vanes with patented profiles and a stainless-steel barrier above the spreading discs. Two of our winning choices ever for an optimal transversal distribution.



DOSAGE and DISTRIBUTION

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

NPK 15-15-15 DOSAGE CURVE

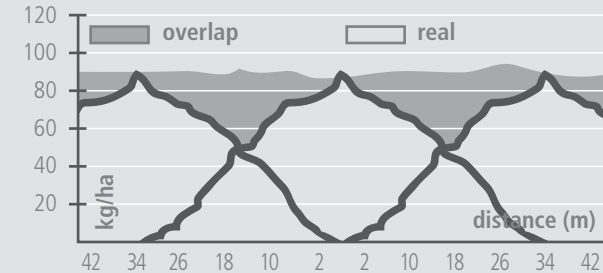


The Eurospand APP **calculates and provides the optimal opening** to be set for a wide range of fertilizers and seeds.

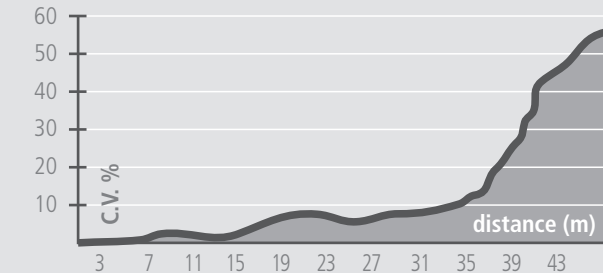
A system of **automatic positioning** optimises the entrance of fertilizer on the spreading disc depending on the dispensed quantity increase.

It is possible to **act manually** on the the advance or delay of fertilizer release on the disc, to compensate for different physical features of fertilizers.

PERFECT DISTRIBUTION WITH DOUBLE OVERLAP

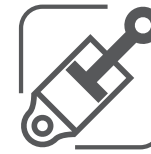


COEFFICIENT OF VARIATION

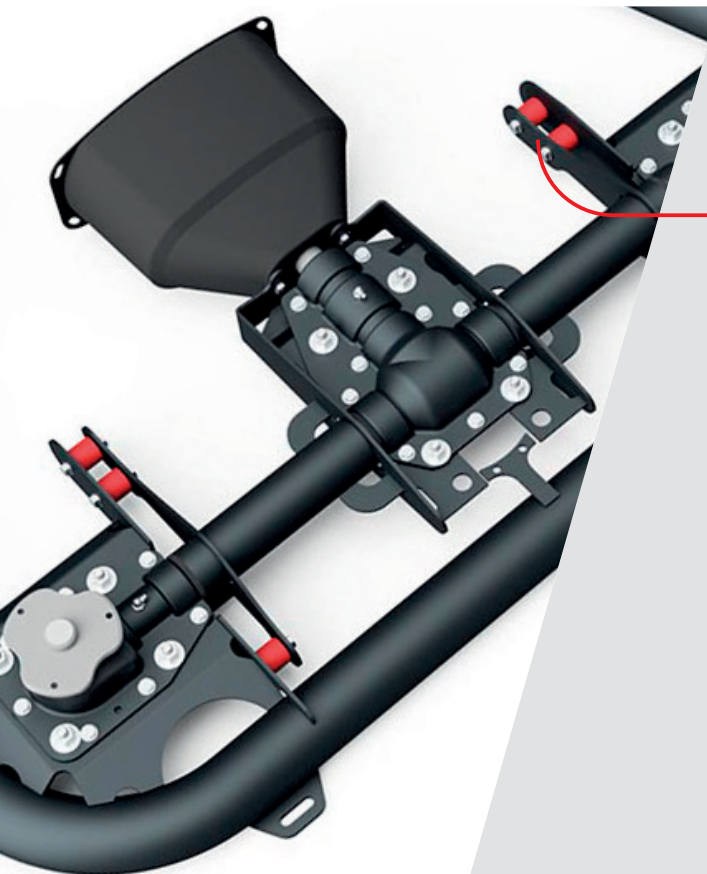




TPS Fertilizer
Spreader
Protection system



HYDRAULIC OPENING
and CLOSING



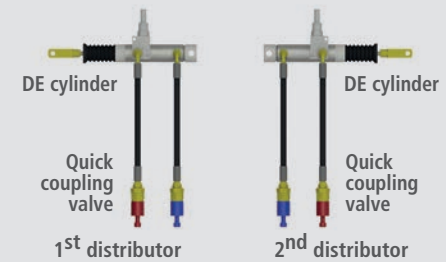
The *Transmission Protection System* **avoids any damage to the transmission shafts when the PTO shaft does not have the correct length.**

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



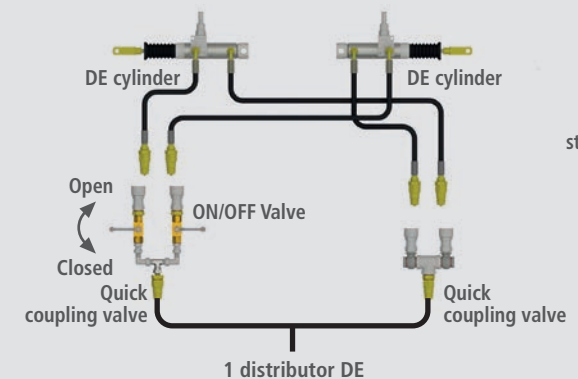
High-strength
moulded and
tempered gears

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.



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

If you need to connect to tractors with a single DE distributor, it is possible to supply an accessory on request.



1 distributor DE



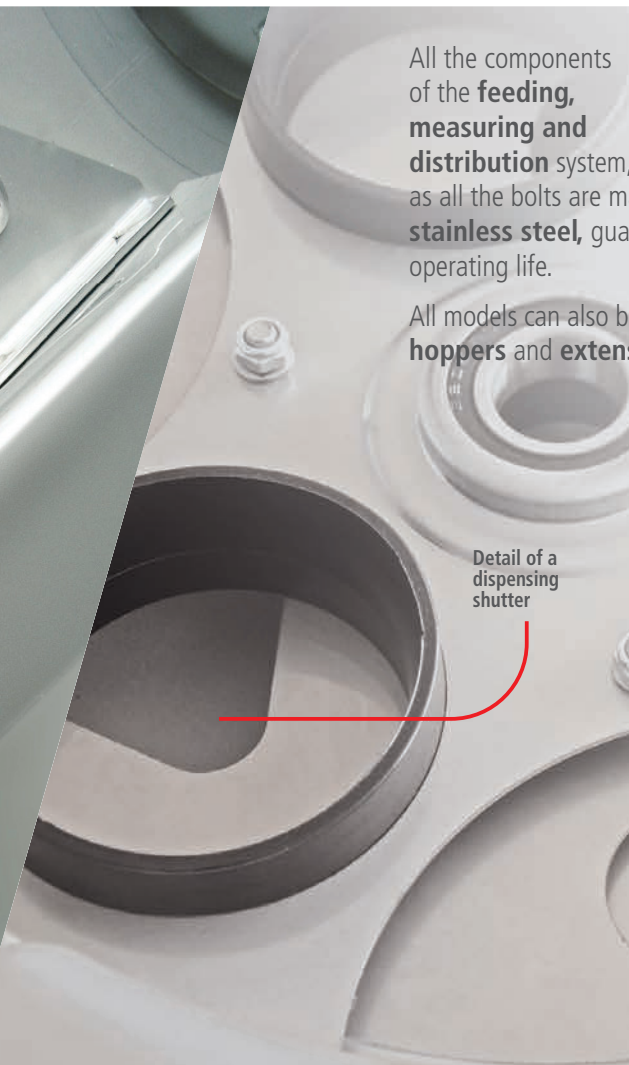
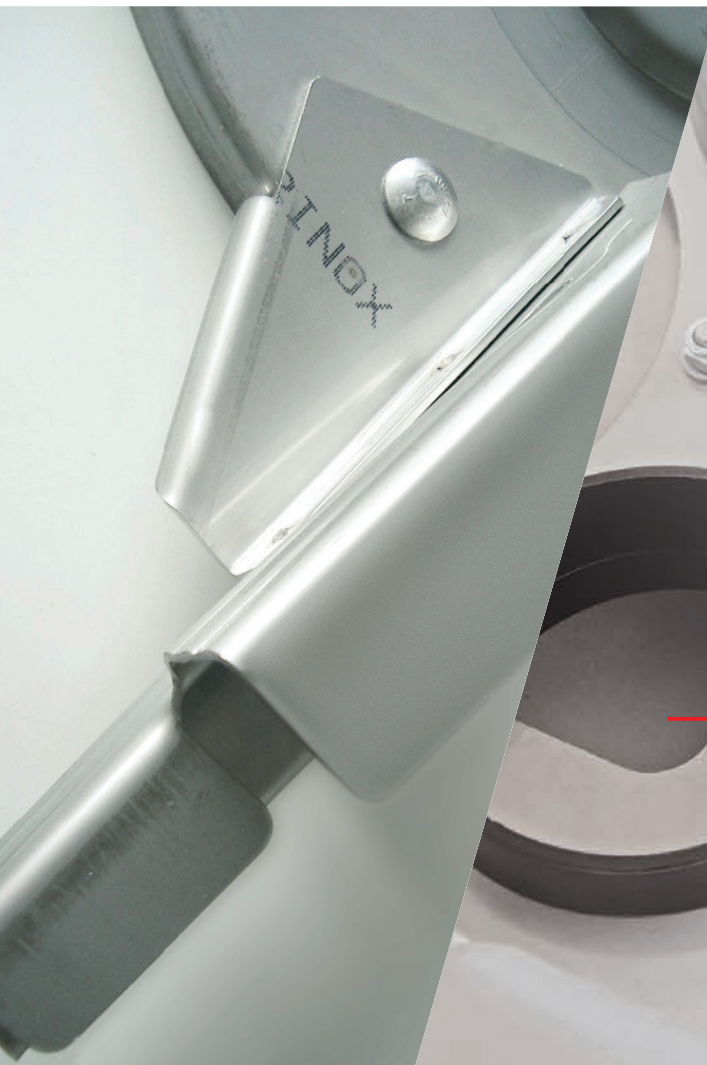
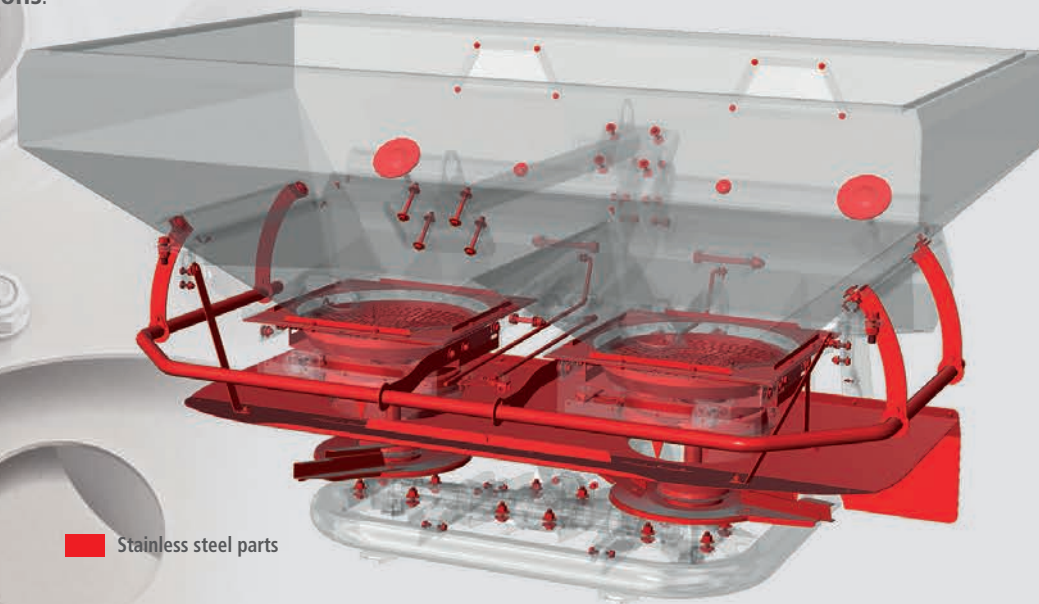
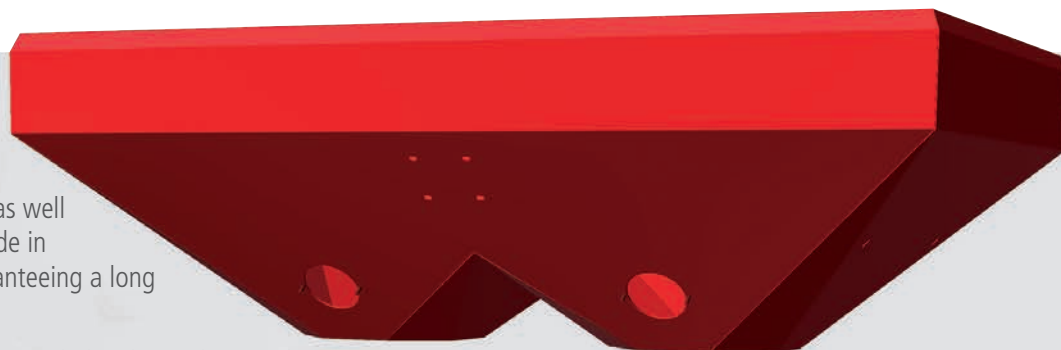
STAINLESS STEEL

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

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

Detail of a
dispensing
shutter

Stainless steel parts





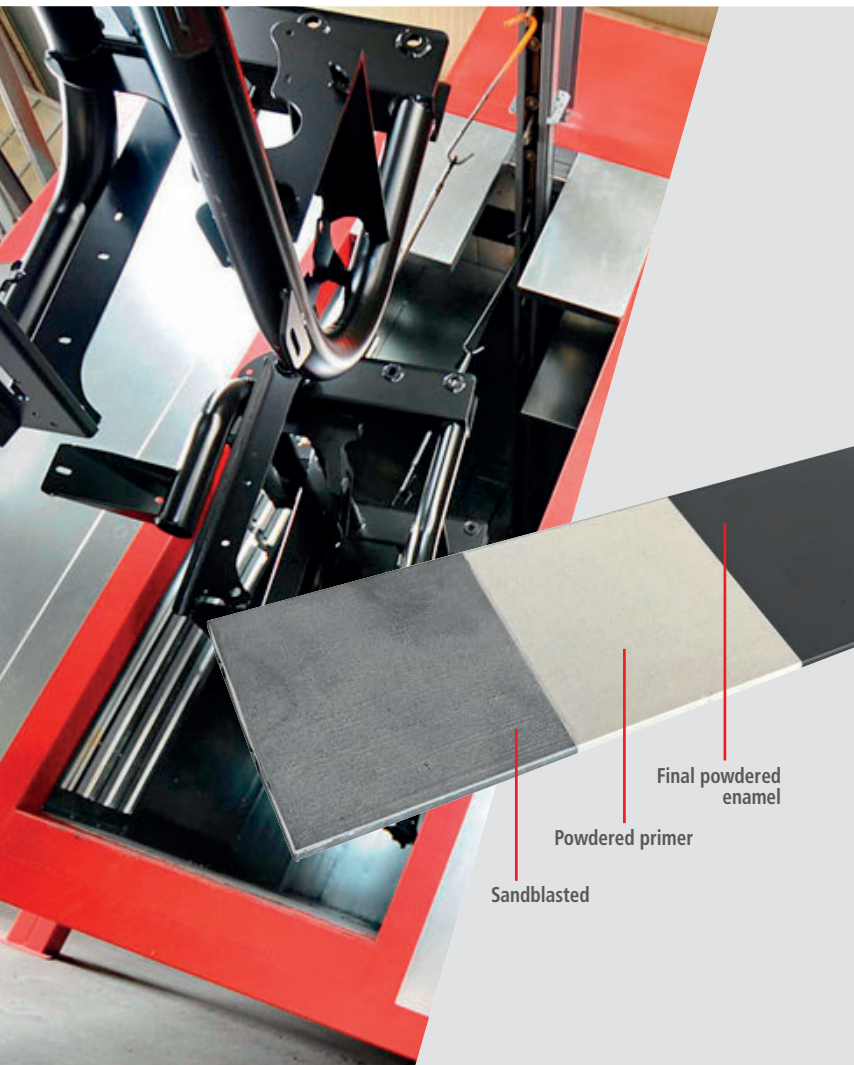
ANTI-CORROSIVE TREATMENTS

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 spreaders.



Sandblasted

Powdered primer

Final powdered enamel

1 – SANDBLAST



2 – POWDERED PRIMER



3 – FINAL POWDERED ENAMEL





ELECTRONIC

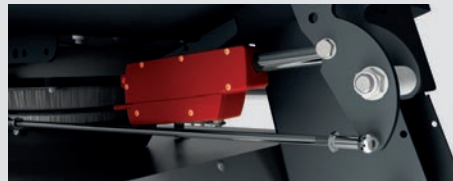


WEIGHT SYSTEM

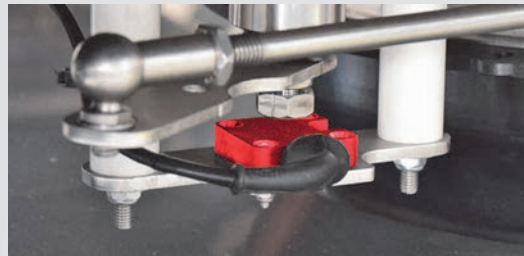


- Position magnetic sensor
- Horizontal connecting rod
- Loading cells
- Linear actuators
- Weighing system frame

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



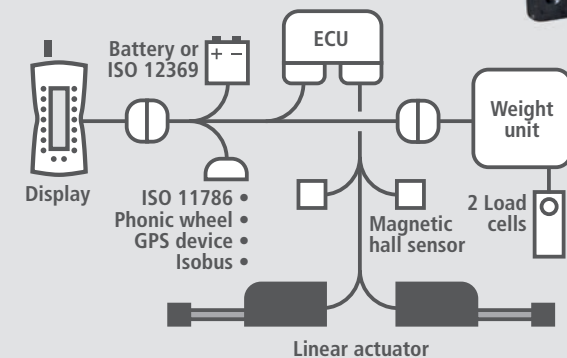
Two magnetic sensors detect the exact opening of each shutter and control directly the linear actuators avoiding any possible position errors.



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



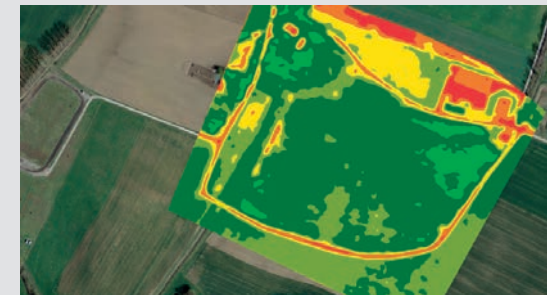
All double disc fertilizer spreader models can be equipped with an **Isobus** electronic management system.

By connecting the machine via the Isobus **ISO 11783** socket, it will be possible to manage all operations via the monitor installed on the tractor.

The machines are set up as standard for functioning with variable rate prescription maps, automatic section control and use via joystick.

The use of prescription maps allows the spreading of **variable doses** in the plot.

The machine automatically adjusts the position of the dosing shutters based on the position of the tractor within the field to be treated.



AEF Certified



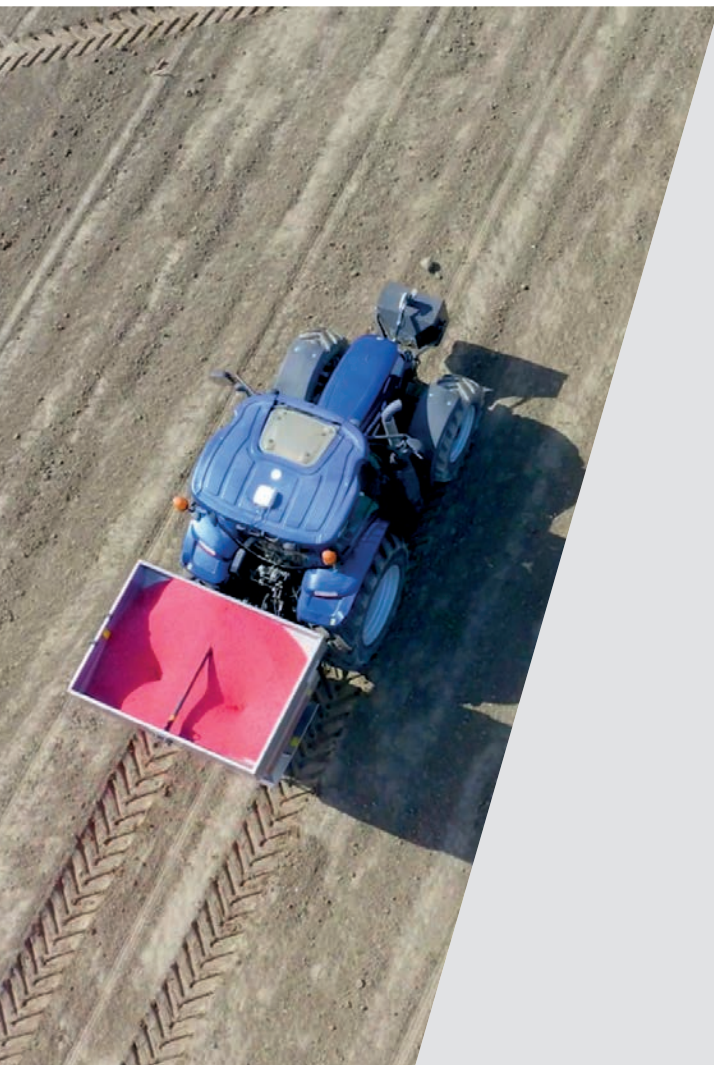
www.aef-isobus-database.org

EuroSpand fertilizer spreaders are **Isobus certified** and present on the **AEF Database**.

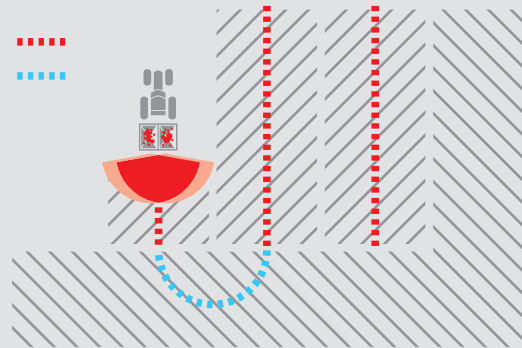
With Isobus Eurospand machines it is possible to perform **precision fertilization** that improves product quality, yield, and environmental sustainability for **more efficient agricultural production**.



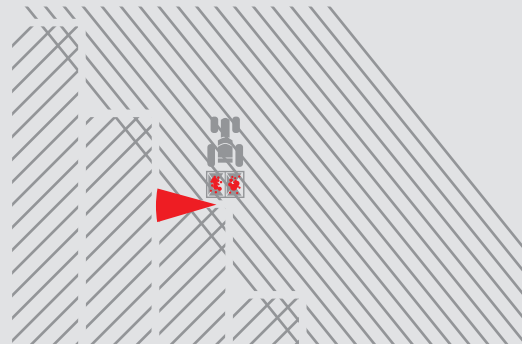
ISOBUS



Automatic section control manages the **automatic interruption of dispensing** when passing over areas that have already been fertilized.



The **independent opening** of the right and left side allows the automatic closing of the two sides in case of spreading on uneven terrain.



Spreading is made easier and more practical thanks to the AUX-N function, which allows the use of the fertilizer spreader **via the joystick on the tractor**.



Possibility of supplying an Isobus monitor for the setup of tractors that do not have one, compatible with all Isobus equipment (optional).





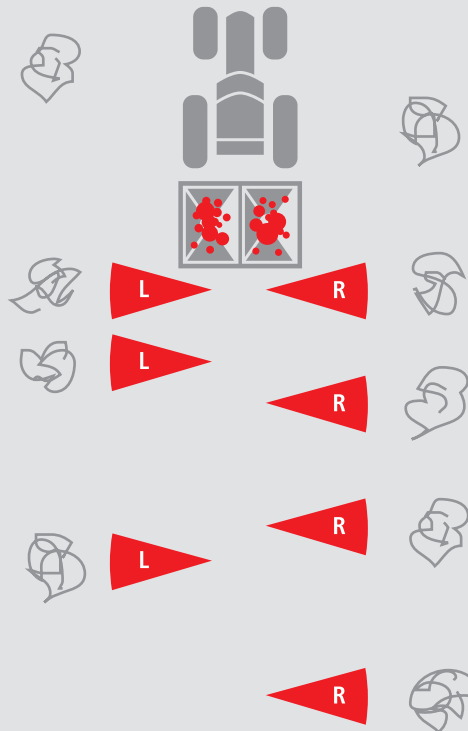
SMART FERTILIZATION



On the *David Fruit* and *Delta Fruit* models, it is possible to apply a system with two **ultrasonic sensors** that detect the presence of the plant and activate spreading only in its proximity, thus avoiding fertilization in unnecessary areas.

The dose to be spread and the spreading width are managed by a controller that operates the two sensors with **independent functioning** between the two sides so that even irregular plantations can be worked.

It is possible to disable the sensors if necessary so that the machine can be used for standard inter-row or open field spreading.





VIBRO SYSTEM



LATERAL FEEDING



DOSAGE AND DISTRIBUTION



ANTI-CORROSION
STAINLESS STEEL



HYDRAULIC
OPENINGS



ELECTRONIC



WEIGHING SYSTEM



ISOBUS
COMPATIBLE



SMART
FERTILIZATION



SPREADING
WIDTH FULL-FIELD



INTER-ROW
DISTRIBUTION

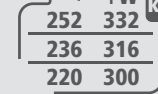


2 HITCHING
POSITIONS



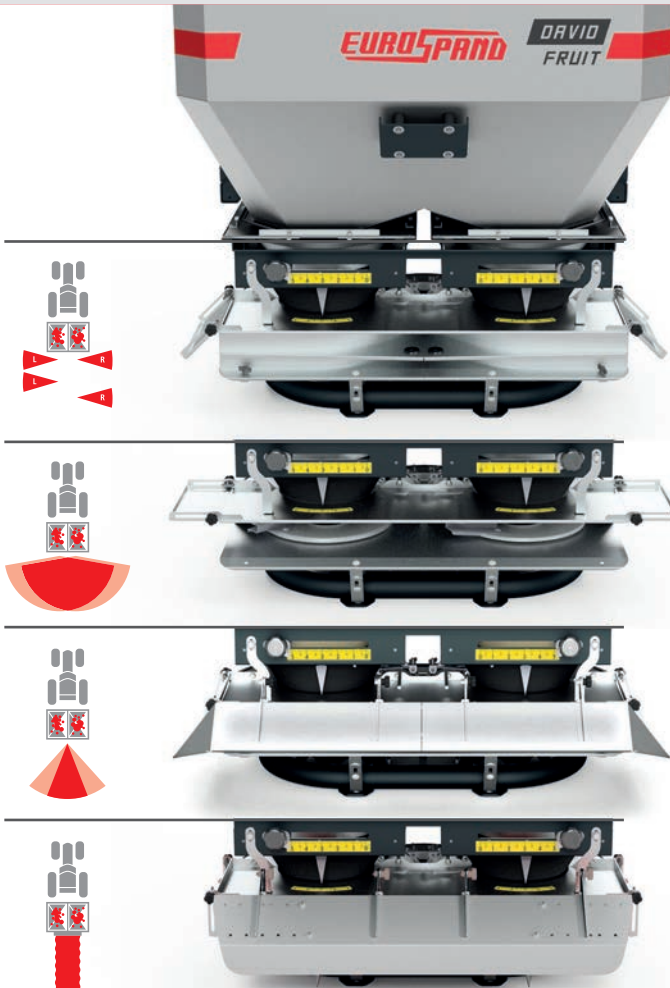
1000
800
600

CAPACITY



252 +W
332
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 1,5 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



See the end of this brochure



EUROSPAND

DELTA



VIBRO SYSTEM



LATERAL FEEDING



DOSAGE AND DISTRIBUTION



TPS



ANTI-CORROSION STAINLESS STEEL



HYDRAULIC OPENINGS



ELECTRONIC



WEIGHING SYSTEM



SPREADING WIDTH FULL-FIELD



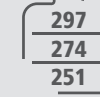
ISOBUS COMPATIBLE



3 HITCHING POSITIONS



CAPACITY



WEIGHT

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



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**.

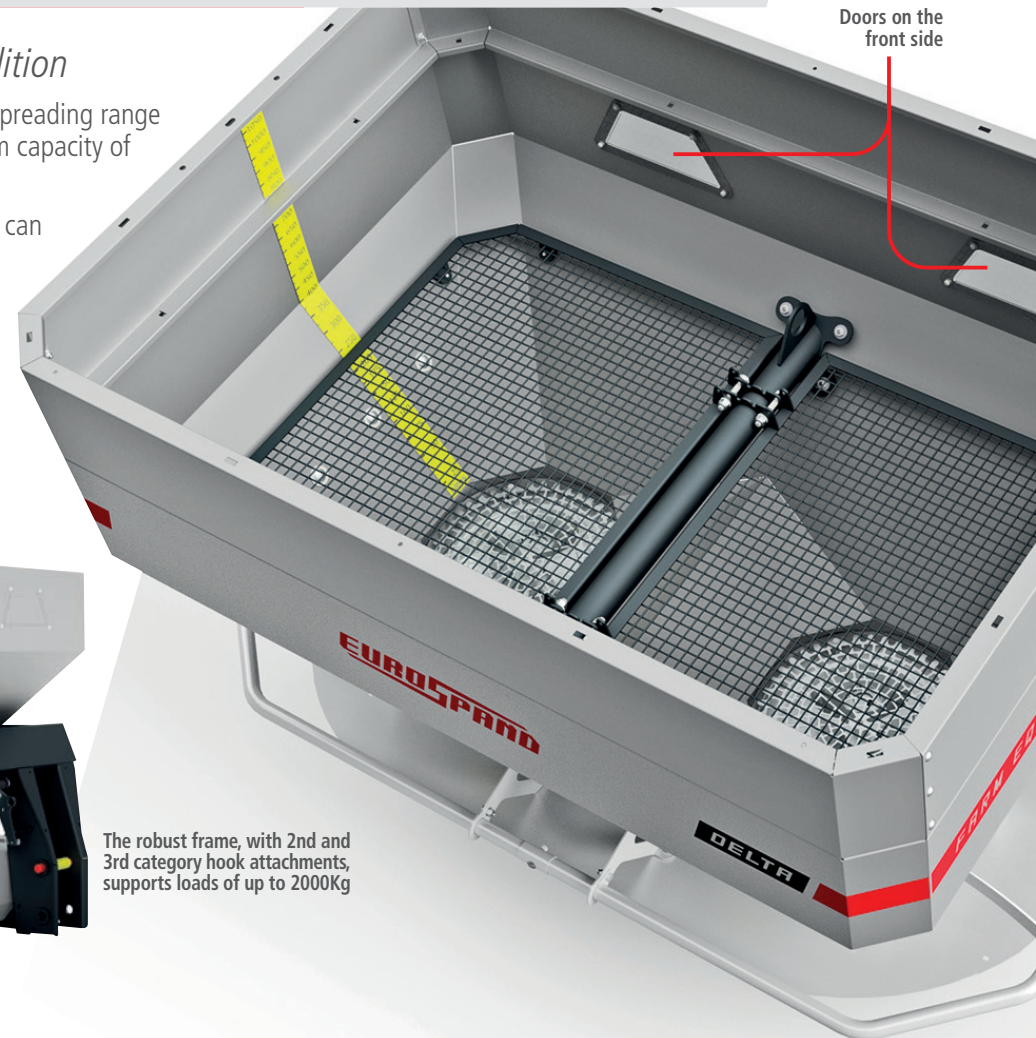
Delta, like full-field *Jolly* models, can be equipped with electronic and **weighing system**, as well as **ISOBUS protocol**.



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



Doors on the front side

JOLLY 18



VIBRO SYSTEM



LATERAL FEEDING



DOSAGE AND DISTRIBUTION



TPS



ANTI-CORROSION
STAINLESS STEEL



HYDRAULIC
OPENINGS



ELECTRONIC



WEIGHING SYSTEM



SPREADING
WIDTH FULL-FIELD
18-24*



ISOBUS
COMPATIBLE

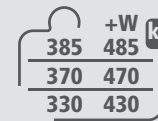


3 HITCHING
POSITIONS



1800 ^L
1450
850

CAPACITY

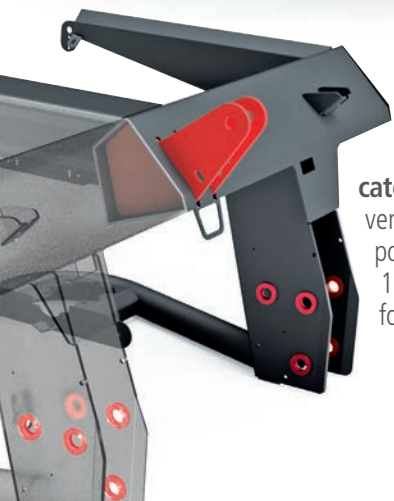


385	+W	485
370		470
330		430

WEIGHT



*with optional
kit of vanes



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

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



ANTI-CORROSION STAINLESS STEEL



HYDRAULIC OPENINGS



SPREADING WIDTH FULL-FIELD



3 HITCHING POSITIONS



CAPACITY

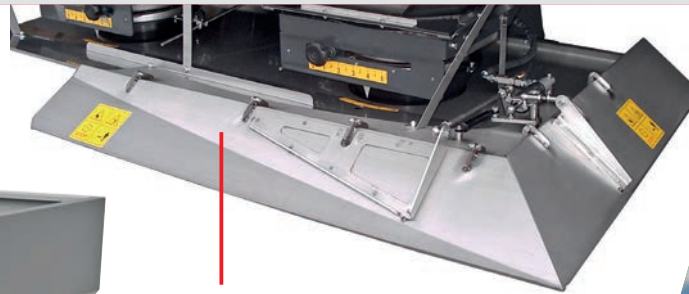


WEIGHT

Great dimensions for high performances.



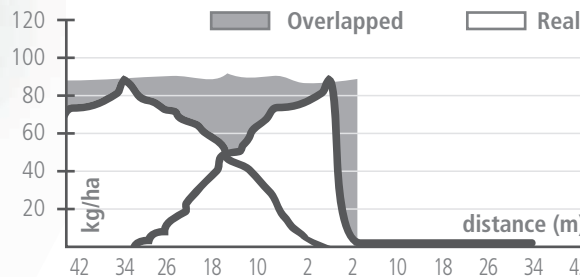
The top of the range for machines with hydraulic systems that allow distributions up to 32 meters and capacity up to 3000 liters.



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 therefore possible perform border fertilization easily and optimally.

PERFECT DISTRIBUTION RIGHT SIDE



JOLLY 24 32

ELECTRONIC



VIBRO SYSTEM



LATERAL FEEDING



DOSAGE AND DISTRIBUTION



TPS



ANTI-CORROSION
STAINLESS STEEL



ELECTRONIC



WEIGHING SYSTEM



SPREADING
WIDTH FULL-FIELD



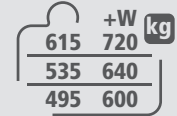
ISOBUS
COMPATIBLE



3 HITCHING
POSITIONS



CAPACITY



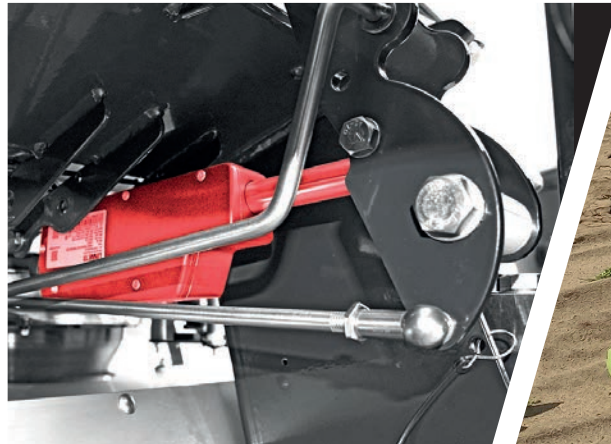
WEIGHT

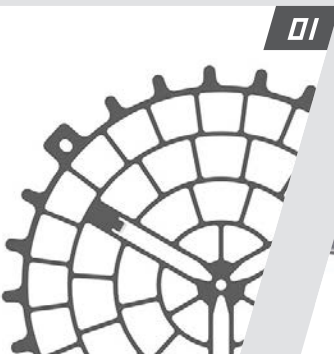


360° technology.

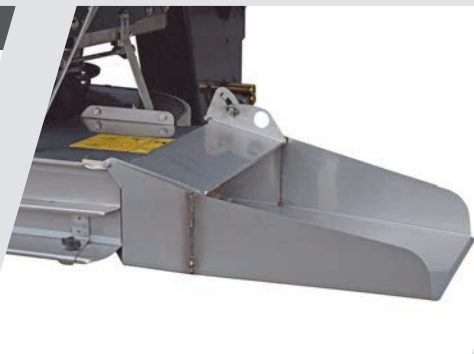
These models apply **electronic management of the dose to be distributed (DPAE) as standard, and in versions (+ W), with integrated weighing system**, perform a continuous correction of product flow to ensure the real quantity per hectare required.

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

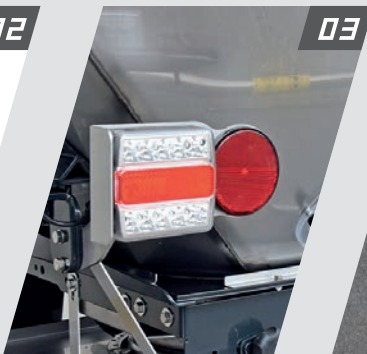




01



02



03



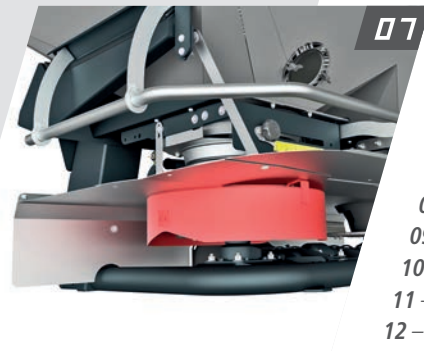
04



05



06



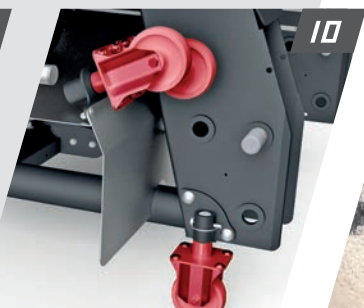
07



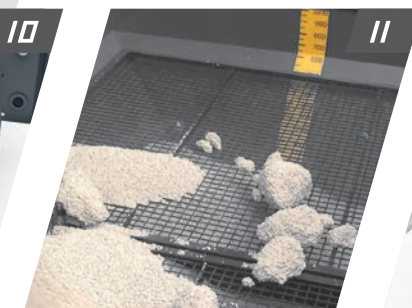
08



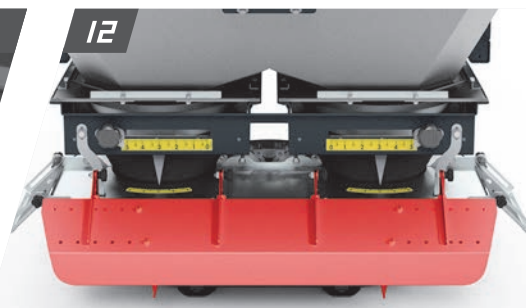
09



10



11



12

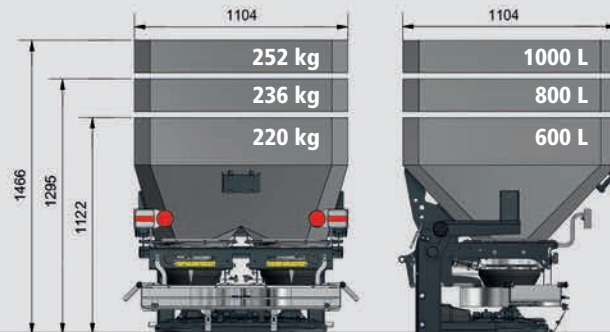
- 01 – GRID FOR ORGANIC AMENDERS
- 02 – LATERAL EXTENTIONS
- 03 – ROAD LED LIGHTING SYSTEM*
- 04 – DEVICE FOR BORDERS
- 05 – FIXED HOPPER COVER
- 06 – FOLDING HOPPER COVER
- 07 – CONTROLLER
- 08 – KIT OF VANES
- 09 – L/R SHUTTERS
- 10 – WHEEL SUPPORT
- 11 – EXTRA FOLDING FILTERING GRID
- 12 – KIT FOR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

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

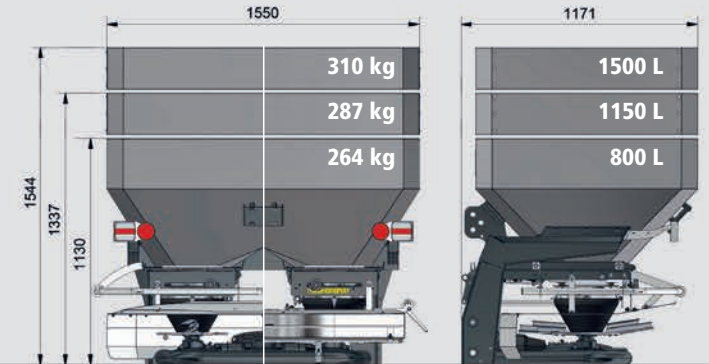
	DAVID FRUIT	DELTA	DELTA FRUIT	JOLLY 18	JOLLY 24-28-32
01	■	■	■	■	■
02	■	■	■		
03	■	■	■	■	■
04		■	■	■	■
05	■	■	■	■	■
06		■	■	■	■
07		■		■	■
08				■	■
09	■		■		
10	■	■	■	■	■
11	■	■	■	■	■
12	■				

(*) standard in JOLLY 32 version

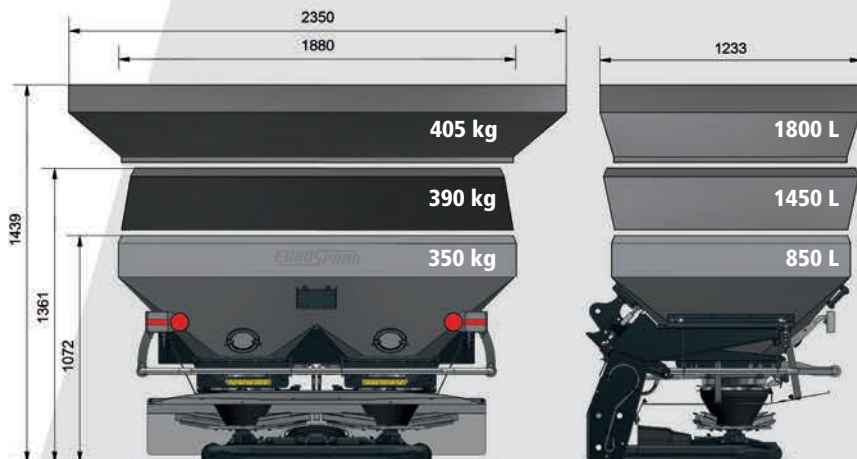
DAVID FRUIT



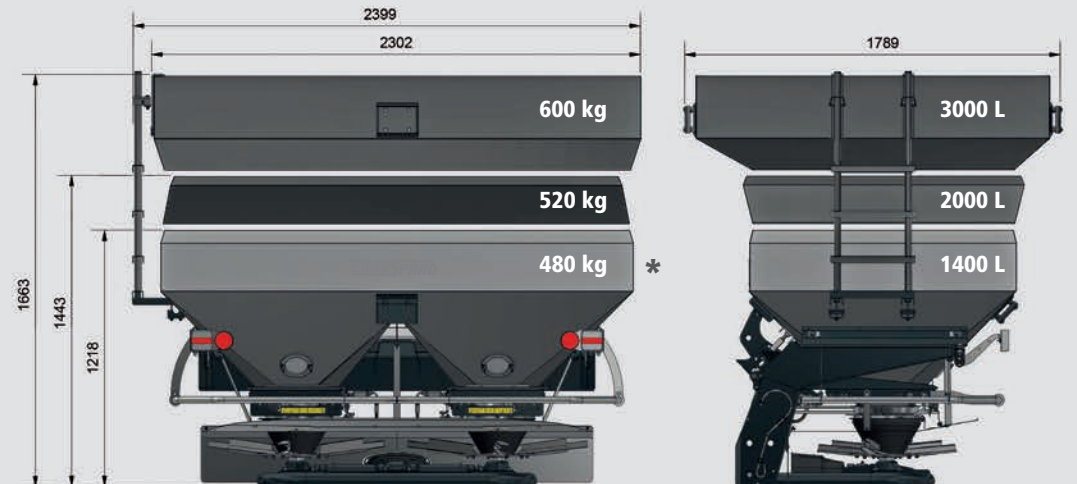
DELTA DELTA FRUIT



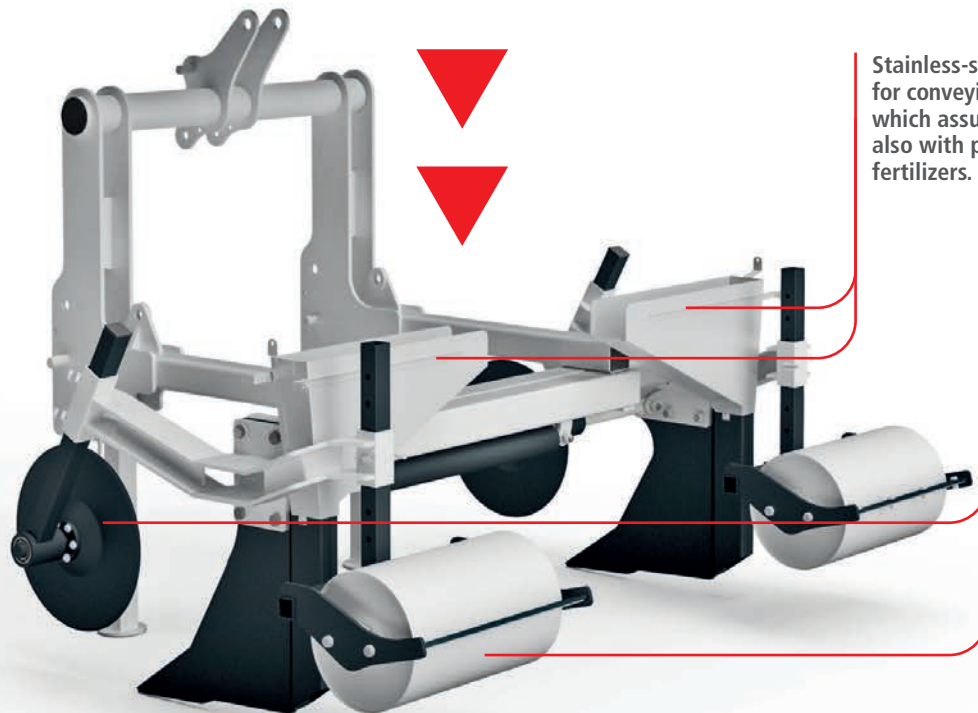
JOLLY 18



JOLLY 24 28 32



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



Stainless-steel wide ducts for conveying the fertilizer, which assure high flows also with pelleted fertilizers.

Front discs for the prior cut of the soil and rear roller for the close and compaction of the groove (attachments on request). Both with adjustable height.



SOLCO

+ DAVID FRUIT



STRUCTURAL
STURDINESS



ANTICORROSIVE
TREATMENTS



HYDRAULIC
DRIVES



VARIABLE LENGTH



WORKING DEPTH



HITCHING CATEGORY



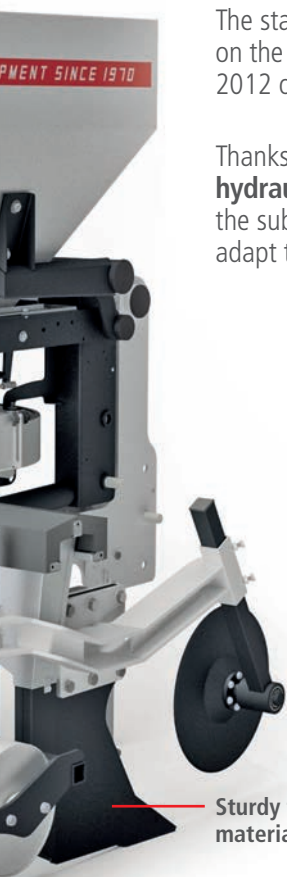
WEIGHT

The stainless-steel conveyors allow the assembly on the *David fruit* fertiliser spreader (versions from 2012 onwards), **for subsoil fertilization**.

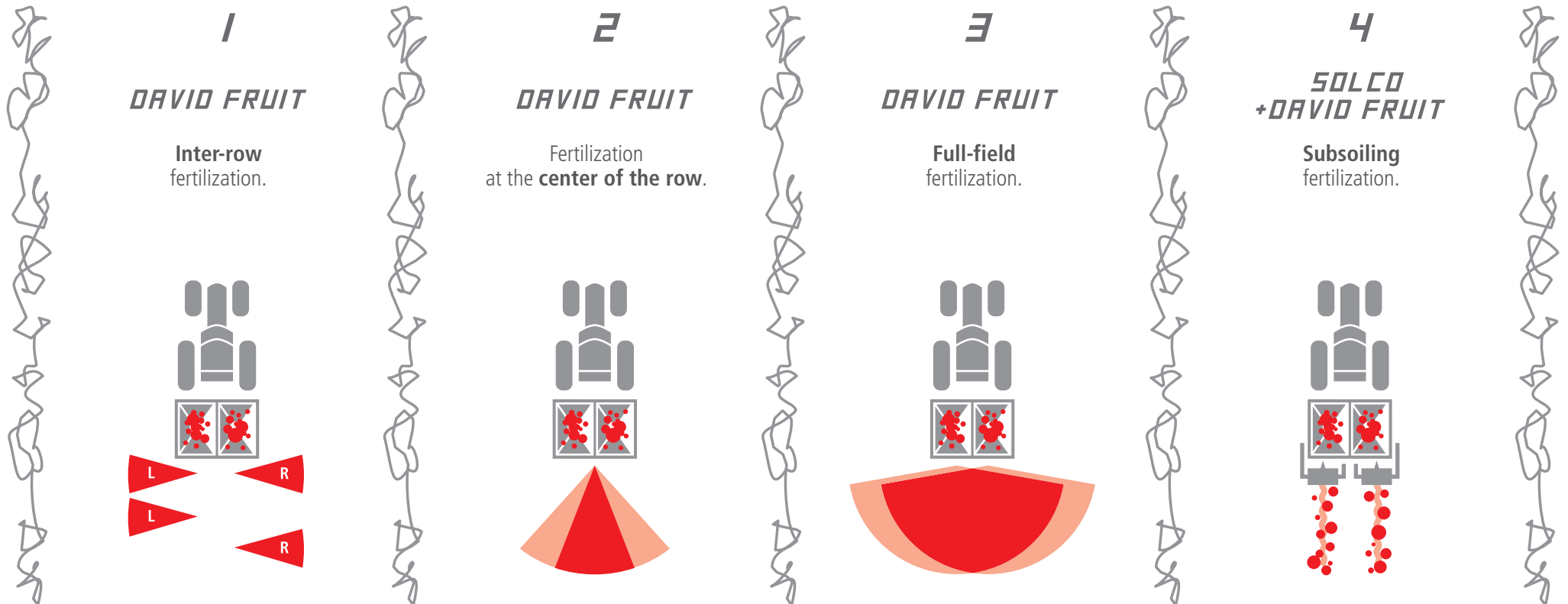
Thanks to the **variable width** - by means of **hydraulic cylinders** - it is possible to easily change the subsoiling width directly from the tractor, to adapt to any type of row.

PVC bellows assure the complete fertilizer flow without accidental spillage with any spreading width.

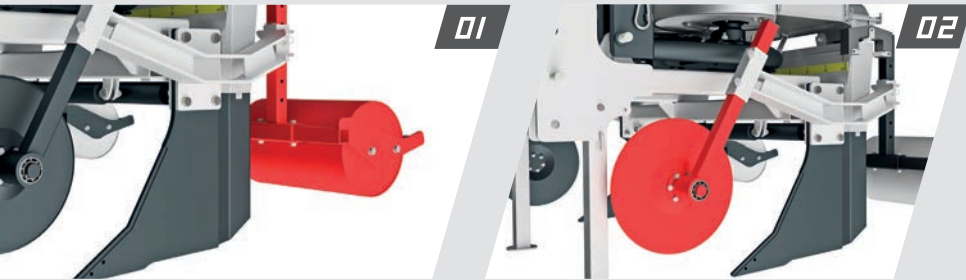
Sturdy tines with wear-resistant material filler.



A SUCCESSFUL COMBINATION THAT ALLOWS 4 WORKS



ACCESSORIES



01

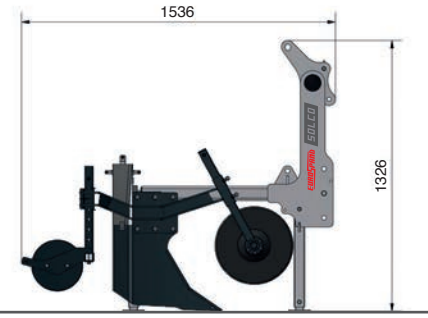
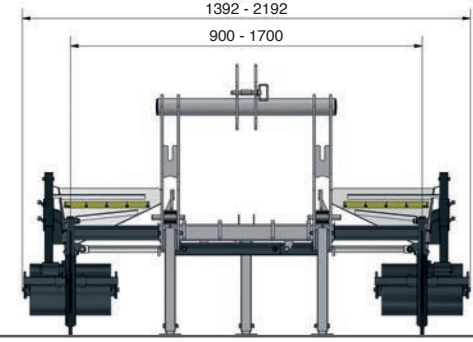
02

03

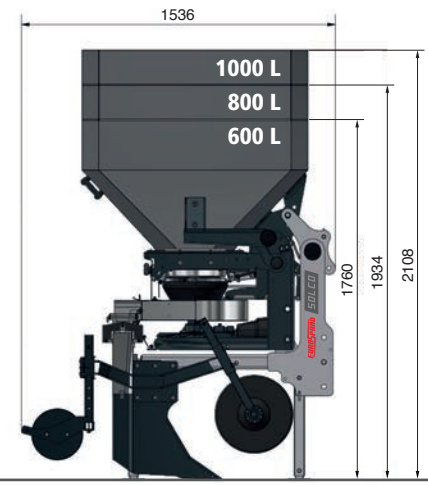
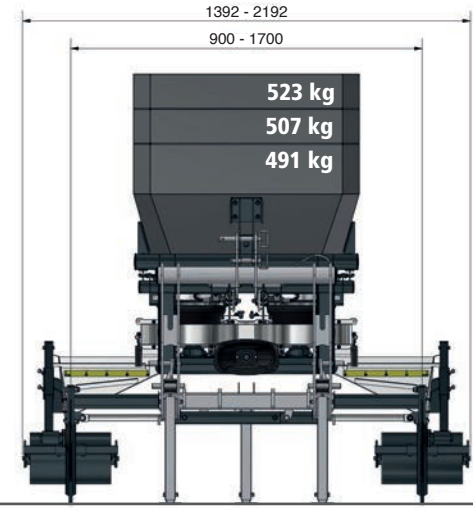
- 01 – REAR ROLLERS
- 02 – FRONT DISCS
- 03 – DISCS OR ROLLER SUPPORTS

SOLCO

SOLCO

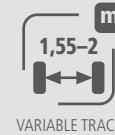


SOLCO + DAVID FRUIT



EUROSPAND

TROLLEY 4T



Hooks for the fertilizer spreader with variable width to allow you 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

Eurospand trolleys with **variable** track to transform the fertilizer spreader **from mounted to trailed**.

Sturdy frame with a maximum capacity of **4000 kg**, it 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



WEIGHT

RAISED
STANDARD

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

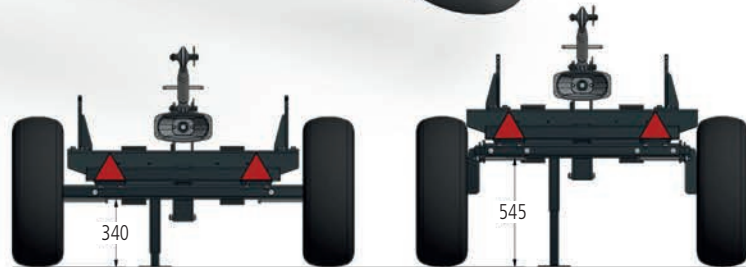
Eurospand trolleys with **variable track** to transform the fertilizer spreader **from mounted to trailed**.

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

Wheels 10.0/80-12

Towing eye with adjustable height

Safety wedges



Standard trolley with variable track from 1.45 to 2 meters

Trolley with raised frame for late fertilization with variable track from 1.4 to 1.8 meters

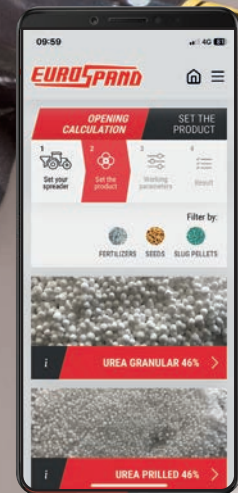
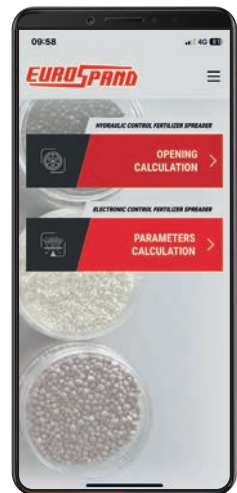




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The description and illustrations written in this paper are to be considered as informative and not binding and can be changed without notice.