ZEUS 18 FRUIT
ELT + W

PROFESSIONAL DOUBLE DISC FERTILIZER SPREADER FOR THE INTER-ROW DISTRIBUTION
PROFESSIONAL FERTILIZER SPREADER SPECIFIC FOR THE INTER-ROW DISTRIBUTION.
IDEAL FOR CITRUS AND OLIVE PLANTATIONS AND ALSO FOR THE FULL-FIELD DISTRIBUTION.
EVERYTHING YOU NEED FOR YOUR WORK, IN A SINGLE MACHINE.
**DISTRIBUTION FEATURES:**

Large diameter distribution plate and graduated conveyor in stainless steel allow to the trailed fertilizer spreaders for the inter-row distribution Zeus 18 Fruit to carry out with easy and fast operations the following types of distribution:

- Localized in orchard (citrus) and olive plantations with rows from 5 to 10 m
- Full-field with distribution width up to 18 m.
- Full-field with delimitation to the left/right edge
- Localized at the row center

The double-disc fertilizer spreader of the **CAVALLO range**, are the ideal support for a correct and precise distribution of mineral and organic fertilizer and seeds.

The **fertilizer well distributed** does not cause pollution, it results, instead, to be of essential support for a well-balanced development of the crops

**The 7 CAVALLO features that make the difference:**

- Vibro System
- Lateral feeding
- Dosage and distribution
- TPS Transmission Protection System
- Hydraulic controls
- Stainless steel and anti-corrosive treatments
- 360° Electronic
The hopper bottom with vibrating system that feeds continuously the distribution system. Eliminating the use of agitators is avoided the crushing of products, by ensuring an homogeneous dosage of the selected quantities, of granulars, polverulents, organics, pelleted fertilizers and seeds.

The **two stainless steel grids** mounted on the vibrating bottom retain the fertilizer lumps and maintain constant the fertilizer pressure on the feed system.

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

- Granules break
- Heating and formation of lumps
- Spread of every type of fertilizer also in critical weather conditions
- Constancy of the provided quantities making irrelevant the filling level
LATERAL FEEDING

Lateral feeding with the vanes means to remove the breaking and powdering of granules during distribution.

The products are conveyed on the vanes with a progressive acceleration, generating a continuous and regular flux, also on uneven grounds, where the traditional systems with fall from the above feeding chamber cannot ensure a transversal uniformity.

DOSAGE AND DISTRIBUTION

Two stainless steel discs of which one with three variable-geometry compartments allow to obtain an adequate dosage curve both for micro-quantities and large injections. A system of automatic position optimize the fertilizer entrance on the spreading disc depending on the increase of the provided quantity. It is furthermore possible to intervene manually on the advance or delay of the fertilizer exit on the disc, in order to compensate the different physical features of fertilizers.
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.

HYDRAULIC DRIVES

OPTION 1
At one SE distributor or one DE distributor. The autonomy of the system L/R is obtained through the valves drive.

OPTION 2
At two DE distributors. The autonomy of the system L/R is obtained directly from the control levers present on the tractor.

Hydraulic cylinders with stainless steel stems for the flux closure and stainless steel shock absorber to activate the alimentation.
The components of the feeding system, dosage, distribution and all bolts and nuts are in stainless steel, a warranty of long working life.

All the metal parts not in inox undergo a sandblasting and powder coating procedure with double application and heating at 220°.
In the fertilizer spreaders ZEUS 18 ELT, the required dosage is auto-regulated depending on the speed from two servo motors.
The system allows to change instantaneously the applied dosage, exclude one side from the spreading, verify the distributed quantity and the treated hectares, everything comfortably from your tractor.

A double frame integrates two load cells, 5 tons each, 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. The Zeus fertilizer spreader "W" version with double frame and two load 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.
TRANSFORMATION FROM LOCALISED INTER-ROW DISTRIBUTION TO FULL-FILED DISTRIBUTION

In 2 easy steps Zeus 18 Fruit turns from fertilizer spreader for the inter-row distribution to the full-field distribution:

1 - Unscrew the two knobs and extract the carter

2 - Lift completely the two lateral extentions (l/r)

Now the spreader is ready for the full-filed distribution with spreading width up to 18 meters.
DIMENSIONS AND LOAD CAPACITY

ZEUS 18 FRUIT
ZEUS 18 FRUIT ELT
ZEUS 18 FRUIT ELT+W

402
387
350

502
487
450
Twin Vibro grids for powders or organic amenders (on request)

Wheel support for manual handling (on request)

Road lights (on request)

Tilting or fixed covers (on request)

Extra folding filtering grid (l/r) (on request)
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