

AGREX



FERTILIZER SPREADER

FERTI Range

Professional
product Line





SPECIFICATIONS - FERTI M / S / W

The **FERTI** fertilizer spreaders are designed for professional operators and contractors, delivering high-performance distribution of fertilizers over very large fields.

The base hopper has a variable filling volume, which can be easily increased at any time by adding extensions.

The spreading charts supplied with the machine allow the operator to adjust both working width and fertilizer flow rate for wide application ranges.

FERTI spreaders support different spreading modes:

- **Standard spreading**
- **Late application** (essential when fertilizing crops that have reached significant height)
- **Border spreading.**



FERTI M

HYDRAULIC VERSION

Double hydraulic control, double-acting

FERTI S

ELECTRIC VERSION – ECS SYSTEM

Allows fully automatic adjustment of the fertilizer application rate [kg/ha], regardless of tractor forward speed, preventing over-application and reducing fertilizer waste in compliance with environmental protection regulations.

This system is integrated with a **GPS speed sensor** and the **ECS System control computer**.



FERTI W

ELECTRIC VERSION – W-SYSTEM WITH WEIGHING SYSTEM

Allows fully automatic adjustment of the fertilizer application rate [kg/ha], regardless of tractor forward speed, preventing fertilizer waste and ensuring compliance with environmental protection regulations. This system is integrated with a **GPS speed sensor**, **continuous weighing**, and the **ECS System control computer**.



STANDARD EQUIPMENT

- Hopper capacity from 1000 to 4500 liters
- Frame with payload capacity up to 3800 kg
- Tractor linkage CAT II or CAT III N for 3200-, 3850-, and 4500-liter models
- Working width: 36 m
- Fertilizer flow rate up to 460 kg/min
- Continuous weighing system with 6 readings per second using a 24-bit sigma-delta converter specifically designed for load cell signal measurement
- Inclination sensor for operation on slopes
- Disc sets: 15–24 m and 24–36 m

Working example

Working width: 36 m

Application rate: 340 kg/ha

Speed: 20 km/h



FERTI W ISO SUPER PROFY

WI VERSION - ISOBUS WITH WEIGHING SYSTEM

- Continuous weighing system
- Double electric opening of dosing gates
- Control of **16 working sections**
- Variable rate application control
- Mechanical transmission driven by PTO shaft with ratchet system

FERTI W ISO SUPER PROFY H

WI VERSION - ISOBUS WITH WEIGHING SYSTEM

- Continuous weighing system
- Double electric opening of dosing gates
- Control of **32 working sections**
- Variable rate application control
- Mechanical transmission driven by **1 hydraulic motor**



FERTI W H DYNAMIC

WI VERSION - ISOBUS WITH WEIGHING SYSTEM

- Continuous weighing system
- Double electric opening of dosing gates
- Control of **64 working sections**
- Variable rate application control
- Hydraulic transmission with **3 hydraulic motors**

MECHANICAL TRANSMISSION

On the mechanically driven FERTI fertilizer spreader, the spreading discs and the agitator are driven by a PTO shaft. In this case, the spreader is standard-protected against overload by means of a PTO shaft equipped with a clutch. For PTO-driven models, the input speed is multiplied by three gearbox units connected by a single shaft (540 or 750 rpm).



MANUAL OPENING



DISC



DROP SYSTEM



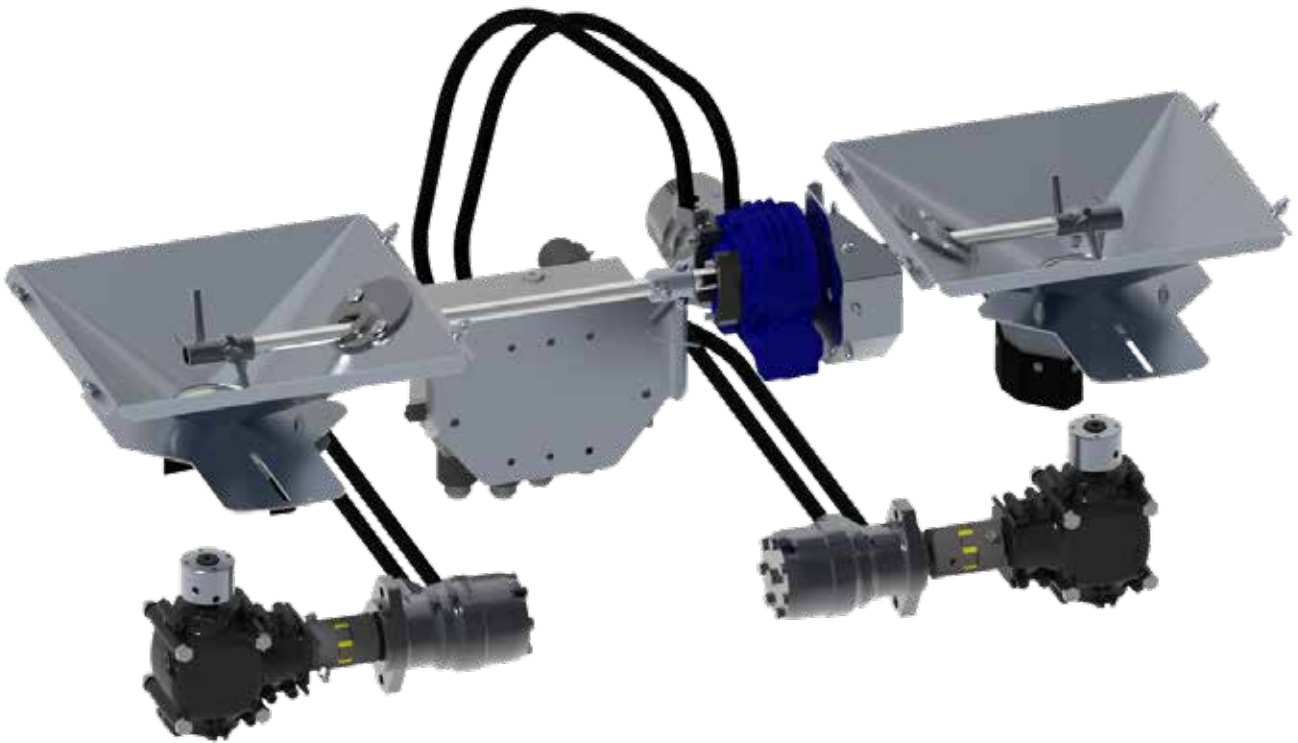
HYDRAULIC TRANSMISSION

On the FERTI spreader in the DYNAMIC version, the two spreading discs are driven by one hydraulic motor per disc, as well as the agitator. The three hydraulic motors are powered by the tractor hydraulic system with a limited oil flow requirement of approximately 55 l at 160 bar, independent of engine speed.

Spreading is therefore extremely comfortable and precise and automatically adjusts according to working width and field boundary position, field edges, and watercourses, regardless of the side.

Hydraulic transmission offers several advantages, including:

- Ultra-slow agitator rotation, preserving fertilizer granule integrity
- Reduced operator workload
- Reduced overlap
- No PTO shaft, resulting in lower stress on transmission components
- Fuel savings



FERTI DYNAMIC – 64-SECTION SPREADING SYSTEM





FERTI M



FERTI M

FERTILIZER SPREADER RELIABLE AND PRECISE

FERTI M fertilizer spreaders are designed for professional operators and contractors, delivering high performance in fertilizer distribution over large areas.

The machine ensures spreading precision, operational flexibility, and easy adjustment even in demanding working conditions.

ADVANTAGES

Designed for professional operators and contractors
Load capacity expandable from 1,500 to 4,500 liters through extensions

Working width adjustable up to 36 m

Spreading charts included for precise adjustments

Suitable for standard, late, and border spreading

Quick, tool-free working width adjustment by modifying the fertilizer drop point

Equipment

Manual adjustment of fertilizer drop point on the disc

Double-acting hydraulic control for opening and closing (right/left)

Inclination sensor for hillside operations

Slow-rotation agitator

SPREADING DISCS (to be specified when ordering)

- F1: 15-24 meters
- F2: 24-36 meters

Spreading discs and blades with wear-resistant coating

Quick-change disc system

FRAME

Maximum load capacity: 3800 kg

Mudguards

TRANSMISSION

PTO shaft

Technical Data	FERTI M 1500	FERTI M 2150	FERTI M 2400	FERTI M 2800	FERTI M 3200	FERTI M 3850	FERTI M 4500
Capacity (L)	1500	2150	2400	2800	3200	3850	4500
Maximum load (kg)	3800	3800	3800	3800	3800	3800	3800
Weight (kg)	400	435	460	470	475	505	525
Spreading range min-max (m)	15 - 36	15 - 36	15 - 36	15 - 36	15 - 36	15 - 36	15 - 36
Tractor power (HP)	90 - 100	140	140	160	180	180	180

Dimensions (cm)	FERTI M 1500	FERTI M 2150	FERTI M 2400	FERTI M 2800	FERTI M 3200	FERTI M 3850	FERTI M 4500
Length	146	146	146	146	146	146	146
Width	235	235	280	235	280	280	280
Height	123	146	155	169	170	193	200



FERTIS



FERTIS

FERTILIZER SPREADER WITH ELECTRONIC SYSTEM

FERTI S fertilizer spreaders are designed for professional use, ensuring precise distribution, reliability, and careful handling of fertilizer even under the most demanding working conditions. To optimize product flow and prevent fertilizer pulverization, the spreaders are equipped as standard with a slow-rotation agitator, ensuring a constant and uniform flow. The **ECS system** prevents fertilizer waste and dispersion and ensures compliance with environmental regulations.

ADVANTAGES

- Standard slow-rotation agitator to preserve fertilizer quality
- Stainless steel components in contact with fertilizer
- Inspection ladder for easier loading operations
- Electronic dosing system
- ECS system for automatic fertilizer adjustment in kg/ha
- Constant application rate independent of tractor speed, with GPS antenna for working speed detection
- Independent right/left outlet control
- Simple, tool-free manual working width adjustment

Equipment

- Electronic multifunction control unit ICON
- Speed detection antenna
- Manual adjustment of fertilizer drop point on the disc
- Electronic continuous distribution control (DPAE)
- Inclination sensor for hillside operations
- Slow-rotation agitator

SPREADING DISCS (to be specified when ordering)

- F1: 15-24 meters
- F2: 24-36 meters
- Spreading discs and blades with wear-resistant coating

Quick-change disc system

FRAME

Maximum load capacity: 3800 kg

Mudguards

TRANSMISSION

PTO shaft

Technical Data	FERTI S 1500	FERTI S 2150	FERTI S 2400	FERTI S 2800	FERTI S 3200	FERTI S 3850	FERTI S 4500
Capacity (L)	1500	2150	2400	2800	3200	3850	4500
Maximum load (kg)	3800	3800	3800	3800	3800	3800	3800
Weight (kg)	400	435	460	470	475	505	525
Spreading range min-max (m)	15 - 36	15 - 36	15 - 36	15 - 36	15 - 36	15 - 36	15 - 36
Tractor power (HP)	90 - 100	140	140	160	180	180	180

Dimensions (cm)	FERTI S 1500	FERTI S 2150	FERTI S 2400	FERTI S 2800	FERTI S 3200	FERTI S 3850	FERTI S 4500
Length	146	146	146	146	146	146	146
Width	235	235	280	235	280	280	280
Height	123	146	155	169	170	193	200



FERTI W



FERTI W

FERTILIZER SPREADER WITH INTEGRATED WEIGHING SYSTEM

The **FERTI W** fertilizer spreader is equipped with an **integrated weighing system**, which allows continuous calibration and ensures maximum spreading accuracy of the fertilizer. Automatic correction of distribution errors guarantees constant spreading uniformity under all working conditions.

High precision, combined with ease of use, allows greater environmental protection and real economic savings by reducing waste and over-application.

The weighing system is integrated into the spreader frame and **operates in real time**, enabling continuous monitoring of the amount of fertilizer being distributed.

ADVANTAGES

Integrated weighing system for continuous calibration and maximum precision

Automatic correction of distribution errors due to variations in flow rate or speed

Heavy-duty double **frame** with on-line weighing structure

Load capacity up to 3,800 kg

Weighing device integrated into the frame

Simple adjustment of spreading rate and working width

Greater comfort and operational safety

Constant dosing independent of tractor speed

GPS antenna included for working speed detection

Mechanical and electronic safety systems compliant with European regulations

Simplified and reduced routine maintenance

Equipment

Electronic multifunction control unit ICON

Speed detection antenna

Manual adjustment of fertilizer drop point on the disc

Electronic continuous distribution control (DPAE)

Continuous weighing cell

Inclination sensor for hillside operations

Slow-rotation agitator

SPREADING DISCS (to be specified when ordering)

- F1: 15-24 meters
- F2: 24-36 meters

Spreading discs and blades with wear-resistant coating

Quick-change disc system

FRAME

Maximum load capacity: 3800 kg

Mudguards

TRANSMISSION

PTO shaft

Technical Data	FERTI W 1500	FERTI W 2150	FERTI W 2400	FERTI W 2800	FERTI W 3200	FERTI W 3850	FERTI W 4500
Capacity (L)	1500	2150	2400	2800	3200	3850	4500
Maximum load (kg)	3800	3800	3800	3800	3800	3800	3800
Weight (kg)	510	545	570	580	585	600	605
Spreading range min-max (m)	15 - 36	15 - 36	15 - 36	15 - 36	15 - 36	15 - 36	15 - 36
Tractor power (HP)	90 - 100	140	140	160	180	160	180

Dimensions (cm)	FERTI W 1500	FERTI W 2150	FERTI W 2400	FERTI W 2800	FERTI W 3200	FERTI W 3850	FERTI W 4500
Length	165	165	165	165	165	165	165
Width	235	235	280	235	280	280	280
Height	123	146	155	169	170	193	200



FERTI W ISO SUPER PROFY



FERTI W ISO
SUPER PROFY

FERTILIZER SPREADER INTEGRATED EVOLUTION

The **FERTI W ISO SUPER PROFY** fertilizer spreader is designed for the most advanced Precision Farming applications and fully integrates with the tractor's ISOBUS functions and all AEF-certified ISOBUS systems.

Thanks to up to **16 working sections** over a maximum working width of **36 m** and variable rate control, spreading is performed uniformly, without waste and without crop damage, delivering environmental and economic benefits.

The machine can operate with prescription maps, automatically adjusting fertilizer rates according to the different yield potential of often heterogeneous soils.

This improves fertilizer efficiency, reducing both input quantities and operating costs, benefiting both the crop and the environment.

The fertilizer flow is ensured by slow-rotation agitators positioned at the bottom of the hopper. The fertilizer is conveyed through the dosing gate and chute to an area close to the center of the disc, where peripheral speed is lower, protecting the fertilizer from possible damage.

The disc rotation speed ranges from 500 to 930 rpm.

ADVANTAGES

Full ISOBUS integration for Precision Farming applications
Use of the tractor's PTO to control up to **16 working sections** over a maximum width of **36 m**

Variable rate management with prescription maps

Uniform distribution without waste or crop damage

Reduced fertilizer consumption and operating costs

Distribution system that preserves fertilizer integrity

Slow-rotation agitators with automatic stop when the shutters are closed

Automatic adjustment of working width

Concentric spreading unit for constant precision

Equipment

ISOBUS control unit compliant with ISO 11783 standard

Variable Rate Management

Spreading section control: 16 sections

Dose adjustment: electric

Adjustment of fertilizer drop point on the disc: electric

Electronic continuous distribution control (DPAE)

Continuous weighing cell

Inclination sensor for hillside operations

Slow-rotation agitator

SPREADING DISCS (to be specified when ordering)

• F1: 15-24 meters

• F2: 24-36 meters

Spreading discs and blades with wear-resistant coating

Quick-change disc system

FRAME

Maximum load capacity: 3800 kg

Mudguards

TRANSMISSION

PTO-driven with splined driveshaft

Technical Data	FERTI W ISO SUPER PROFY 1500	FERTI W ISO SUPER PROFY 2150	FERTI W ISO SUPER PROFY 2400	FERTI W ISO SUPER PROFY 2800	FERTI W ISO SUPER PROFY 3200	FERTI W ISO SUPER PROFY 3850	FERTI W ISO SUPER PROFY 4500
Capacity (L)	1500	2150	2400	2150	3200	3850	4500
Maximum load (kg)	3800	3800	3800	3800	3800	3800	3800
Weight (kg)	510	545	570	580	585	600	605
Spreading range min-max (m)	15 - 36	15 - 36	15 - 36	15 - 36	15 - 36	15 - 36	15 - 36
Tractor power (HP)	90 - 100	140	140	160	180	180	180

Dimensions (cm)	FERTI W ISO SUPER PROFY 1500	FERTI W ISO SUPER PROFY 2150	FERTI W ISO SUPER PROFY 2400	FERTI W ISO SUPER PROFY 2800	FERTI W ISO SUPER PROFY 3200	FERTI W ISO SUPER PROFY 3850	FERTI W ISO SUPER PROFY 4500
Length	165	165	165	165	165	165	165
Width	235	235	280	235	280	280	280
Height	123	146	155	169	170	193	200



FERTI W ISO SUPER PROFY H



FERTI W ISO
SUPER PROFY H

FERTILIZER SPREADER ENHANCED EVOLUTION

The FERTI W ISO SUPER PROFY H fertilizer spreader represents the evolution of the SUPER PROFY series and is designed for the most advanced Precision Farming applications, fully integrating with the tractor's ISOBUS functions and all **AEF-certified ISOBUS systems**.

This version uses a hydraulic motor instead of the tractor PTO, allowing operation at low rotational speeds with significant fuel savings. The system also enables control of up to **32 partial-width sections**, ensuring maximum distribution precision.

Fertilizer flow is ensured by slow-rotation agitators positioned at the bottom of the hopper. The fertilizer is conveyed through the dosing gate and chute to an area close to the center of the disc, where peripheral speed is lower, protecting the fertilizer from possible damage.

The disc rotation speed ranges from 500 to 930 rpm.

ADVANTAGES

Hydraulic motor replacing PTO

Low-speed operation with reduced fuel consumption

Control of up to **32 partial-width sections**

Rotation sensor for precise monitoring of spreading discs

Distribution system that preserves fertilizer integrity

Slow-rotation agitators with automatic stop function

Automatic working width adjustment

Concentric spreading unit for constant precision

ISOBUS integration for Precision Farming applications

Equipment

ISOBUS control unit compliant with ISO 11783 standard

Variable Rate Management

Spreading section control: 32 sections

Dose adjustment: electric

Adjustment of fertilizer drop point on the disc: electric

Electronic continuous distribution control (DPAE)

Continuous weighing cell

Inclination sensor for hillside operations

Slow-rotation agitator

SPREADING DISCS (to be specified when ordering)

• F1: 15-24 meters

• F2: 24-36 meters

Spreading discs and blades with wear-resistant coating

Quick-change disc system

FRAME

Maximum load capacity: 3800 kg

Mudguards

TRANSMISSION

1 hydraulic motor

Technical Data	FERTI W ISO SUPER PROFY H 1500	FERTI W ISO SUPER PROFY H 2150	FERTI W ISO SUPER PROFY H 2400	FERTI W ISO SUPER PROFY H 2800	FERTI W ISO SUPER PROFY H 3200	FERTI W ISO SUPER PROFY H 3850	FERTI W ISO SUPER PROFY H 4500
Capacity (L)	1500	2150	2400	2150	3200	3850	4500
Maximum load (kg)	3800	3800	3800	3800	3800	3800	3800
Weight (kg)	510	545	570	580	585	600	605
Spreading range min-max (m)	15 - 36	15 - 36	15 - 36	15 - 36	15 - 36	15 - 36	15 - 36
Tractor power (HP)	90 - 100	140	140	160	180	180	180

Dimensions (cm)	FERTI W ISO SUPER PROFY H 1500	FERTI W ISO SUPER PROFY H 2150	FERTI W ISO SUPER PROFY H 2400	FERTI W ISO SUPER PROFY H 2800	FERTI W ISO SUPER PROFY H 3200	FERTI W ISO SUPER PROFY H 3850	FERTI W ISO SUPER PROFY H 4500
Length	165	165	165	165	165	165	165
Width	235	235	280	235	280	280	280
Height	123	146	155	169	170	193	200



FERTI W H DYNAMIC



FERTI W H
DYNAMIC

FERTILIZER SPREADER HIGH-PRECISION TECHNOLOGY

The **FERTI W H DYNAMIC** fertilizer spreader is a high-tech solution for Precision Farming, equipped with a continuous weighing system, section control, and automatic rate adjustment. The **FERTI W H DYNAMIC** model is designed for the most advanced Precision Farming applications and integrates perfectly with the tractor's ISOBUS functions and all **AEF-certified ISOBUS systems**.

Spreading is fully controlled by the spreader software, which independently regulates the disc speed on the right and left sides through **2 hydraulic motors**.

It controls the fertilizer drop point on the disc via two electric actuators, and with two additional electric actuators, it manages the required dosage based on the working width and prescription maps, if available.

ADVANTAGES

- Continuous weighing system for maximum precision
- Variable rate application with prescription maps
- Automatic control of rate and working width
- Control of up to **64 partial-width sections**
- Independent rotation of right and left discs**
- Hydraulically controlled disc speed (300–930 rpm)
- Wide application range from 10 to 1,000 kg/ha
- No PTO shaft required
- Low-speed operation with fuel savings
- Reduced overlaps
- Lower operator workload
- Reduced stress on transmission components thanks to hydraulic drive
- Reduced maintenance
- Ultra slow-rotation agitators to preserve fertilizer integrity

Equipment
ISOBUS control unit compliant with ISO 11783 standard
Variable Rate Management
Spreading section control: 64 sections
Dose adjustment: electric
Adjustment of fertilizer drop point on the disc: electric
Electronic continuous distribution control (DPAE)
Continuous weighing cell
Inclination sensor for hillside operations
Empty hopper sensors
Ultra-slow rotation agitator
SPREADING DISCS (to be specified when ordering)
• F1: 15-24 meters
• F2: 24-36 meters
Spreading discs and blades with wear-resistant coating
Quick-change disc system
Discs driven by 2 independent hydraulic gear motors (HYDRO)
Disc rotation speed sensor
Oil supply filter
Oil filter sensor
FRAME
3-point hitch Cat. II and III N
Maximum load capacity: 3800 kg
Mudguards
TRANSMISSION
3 independent hydraulic gear motors

Technical Data	FERTI W H DNAMIC 1500	FERTI W H DNAMIC 2150	FERTI W H DNAMIC 2400	FERTI W H DNAMIC 2800	FERTI W H DNAMIC 3200	FERTI W H DNAMIC 3850	FERTI W H DNAMIC 4500
Capacity (L)	1500	2150	2400	2150	3200	3850	4500
Maximum load (kg)	3800	3800	3800	3800	3800	3800	3800
Weight (kg)	540	575	600	610	615	620	630
Spreading range min-max (m)	15 - 36	15 - 36	15 - 36	15 - 36	15 - 36	15 - 36	15 - 36
Tractor power (HP)	120	140	140	160	180	180	180

Dimensions (cm)	FERTI W H DNAMIC 1500	FERTI W H DNAMIC 2150	FERTI W H DNAMIC 2400	FERTI W H DNAMIC 2800	FERTI W H DNAMIC 3200	FERTI W H DNAMIC 3850	FERTI W H DNAMIC 4500
Length	165	165	165	165	165	165	165
Width	235	235	280	235	280	280	280
Height	123	146	155	169	170	193	200

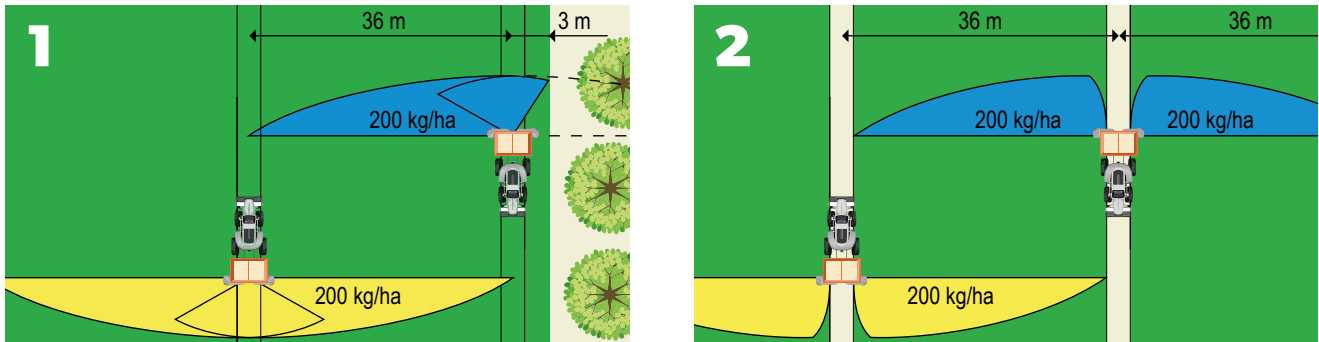
CENTRAL BORDER SPREADING OPERATION

The system allows operation directly from the field edge toward the inner area, regardless of whether it is on the right or left side. When the central border mode is active, spreading occurs only with the disc positioned inside the field.

The fertilizer from the active disc is deflected so that it is spread only behind the tractor and within the field, without exceeding the boundary (Fig. 1).

The central deflector can be used for spreading both to the left and right while excluding the central strip (Fig. 2).

The central deflector is operated by an electric actuator.



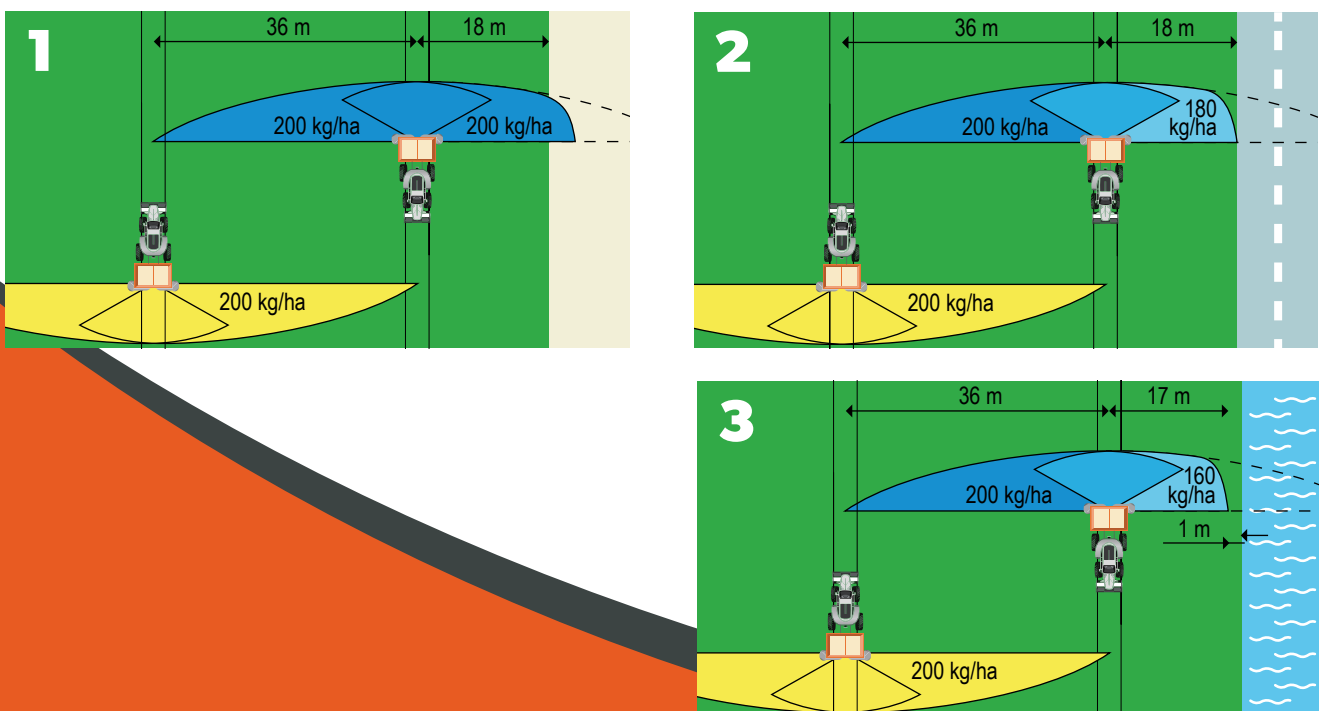
SIDE BORDER LIMITER OPERATION

For field-edge spreading, a **right or left border kit** is available. Both can be installed.

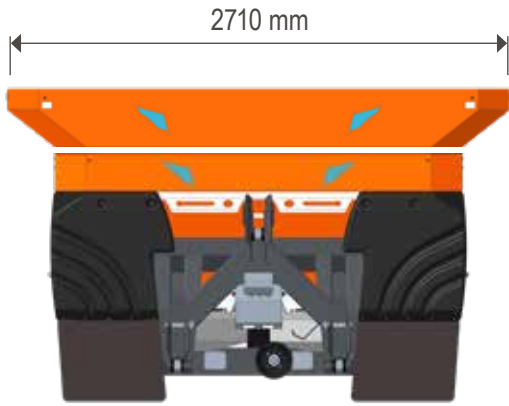
The limiter can be adjusted to intercept different percentages of the fertilizer throw. This allows fertilization at the field edge (Fig. 1), boundary (Fig. 2), or along waterways (Fig. 3).

Spreading charts indicate the correct adjustment based on fertilizer type and working width.

When not in use, the limiter can be conveniently lifted by an electric actuator.



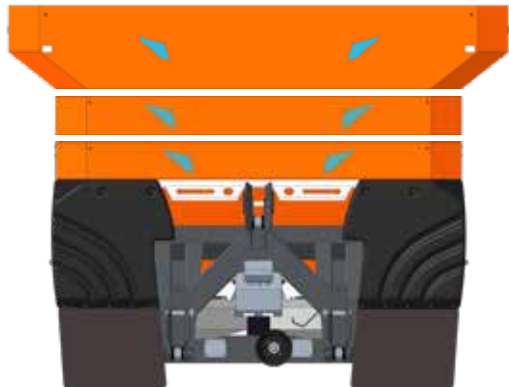
EXTENSIONS



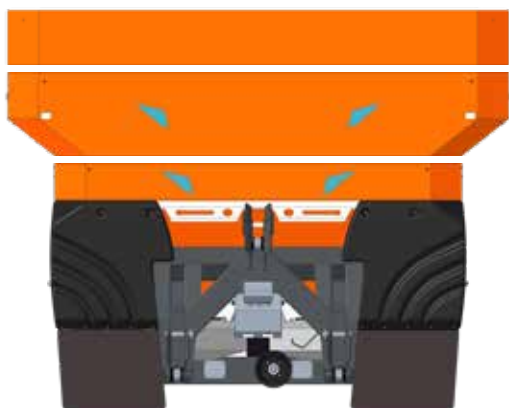
Wide extension - 2400 l



Wide extension - 3200 l



Wide extension - 3850 l

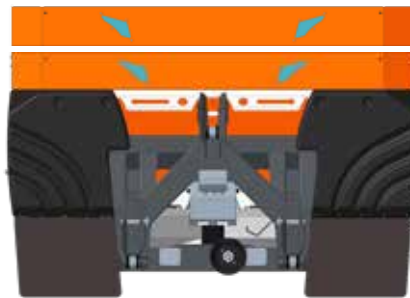


Wide extension - 4500 l

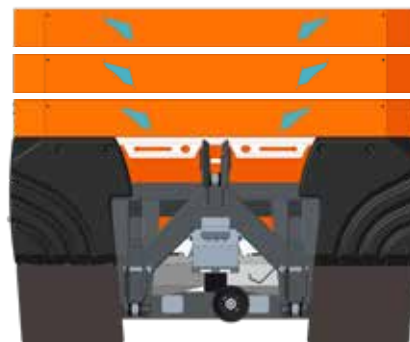
Each FERTI model starts from a BASE MACHINE with a 1,500-liter capacity, to which extensions—narrow or wide—can be added to increase capacity.



BASE MACHINE - 1500 l



Narrow extension - 2150 l



Narrow extension - 2800 l

*AGREX is constantly committed to improving its products to meet practical needs.
Therefore, it reserves the right to make constructional and technical modifications at any time without prior notice.*

AGREX



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