

# AGREX



## **FERTILIZER SPREADER** *Vineyard / Orchard*

Professional  
Product Range





# BASIC CONFIGURATIONS

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The **Basic Configurations** include **mechanically** and **hydraulically** operated versions, designed to ensure ease of use, reliability, and operational robustness.

They are ideal solutions for those seeking direct and immediate control of functions, with essential yet effective control systems, suitable for daily use in various working conditions.



## MEC

### MECHANICAL VERSION

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Dual mechanical remote control of the dosing flaps



## IDRO

### HYDRAULIC VERSION

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Dual double-acting hydraulic control

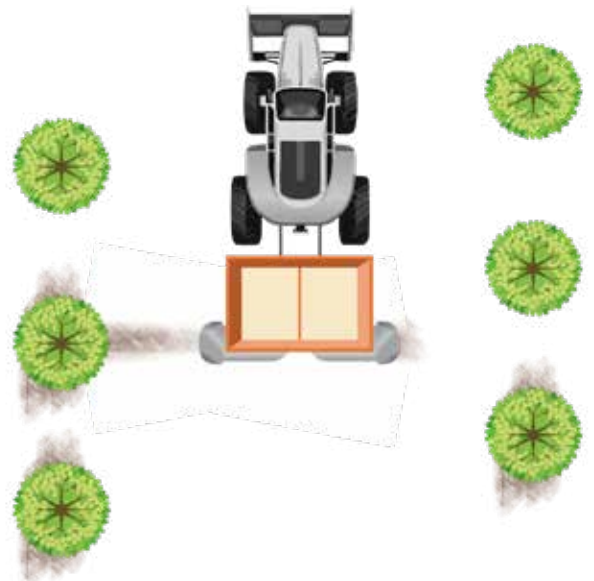


## SONAR

### ULTRASOUND SENSOR VERSION

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Detects the presence of the plant and activates spreading only in its proximity, thus avoiding fertilization in unnecessary areas.



# ADVANCED CONFIGURATIONS

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The **Advanced Configurations** integrate **electronic systems, sensors, and sophisticated control devices**, offering high operational precision and intelligent spreading management.

These versions allow for optimized fertilizer distribution, reducing waste, improving work efficiency, and complying with environmental regulations.



## **ECS SYSTEM** ELECTRIC VERSION – ECS SYSTEM

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Allows fully automatic adjustment of the amount of fertilizer to be spread [kg/ha], regardless of the tractor's travel speed, preventing fertilizer waste and complying with environmental protection regulations. This system is integrated with the GPS speed sensor and the ECS System management computer.



## **W-SYSTEM** ELECTRIC VERSION – W-SYSTEM WITH WEIGHING

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Allows fully automatic adjustment of the amount of fertilizer to be spread [kg/ha], regardless of the tractor's travel speed, preventing fertilizer waste and complying with environmental protection regulations. This system is integrated with the GPS speed sensor, **continuous weighing**, and the ECS System management computer.



## **WI-ISOBUS** WI-ISOBUS VERSION WITH WEIGHING

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Continuous weighing system  
Dual electric opening of the dosing flaps  
Section control  
Variable rate control



# VIGNA



VIGNA

# FERTILIZER SPREADER FOR SITE-SPECIFIC SPREADING

The **VIGNA** spreaders are designed for site-specific fertilizer spreading along crop rows. The machine's compactness ensures maximum convenience and maneuverability within vineyards and orchards.

The standard bilateral spreading conveyor allows site-specific spreading for row crops from 1.5 to 5 meters: the adjustable deflectors direct the fertilizer exactly where needed, avoiding unnecessary waste.

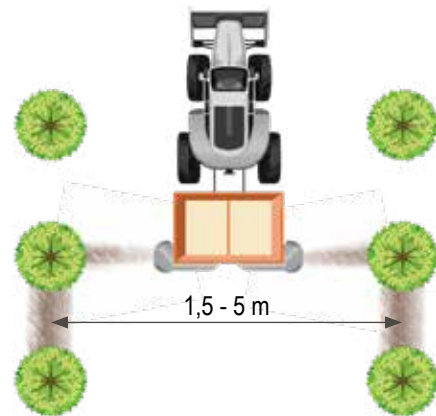
AVAILABLE IN ALL OPERATING MODES (see pp. 2-3)

Technical Data	VIGNA 600	VIGNA 800	VIGNA 1000
Capacity (l)	600	800	1000
Maximum load (kg)	1450	1450	1450
Weight (kg)	188	203	218
Spreading width min – max (m)	1,5 - 5	1,5 - 5	1,5 - 5
Tractor (HP)	50	80	80

Dimensions (cm)	VIGNA 600	VIGNA 800	VIGNA 1000
Length	115	115	115
Width	110	110	110
Height	105	122	139

Equipment	
Standard filtering grids	●
PTO Shaft	●
Rear Guard	●
Stainless Steel Discs	●
LONG LIFE Vanes Set	●
Bilateral Stainless Steel Conveyor	●
Warning Stickers and Reflectors	●
Hopper Cover Tarp	○
Parking Wheels	○
Dual fertilizer outlets Site-Specific Spreading	○
Tail lights (LED)	○

## VINEYARD / ORCHARD



● Standard ○ Optional



**TVS**



**TVS**

# FERTILIZER SPREADER COMPACT SIZE FOR HIGH PERFORMANCE

The TVS spreaders are compact and lightweight, suitable for use with low-power tractors, yet robust and precise like large professional machines. They feature distinctive characteristics such as dosing adjustment with a graduated sector, enabling precise fertilizer distribution. If needed, the feed to the two spreading discs can be adjusted to deliver different quantities.

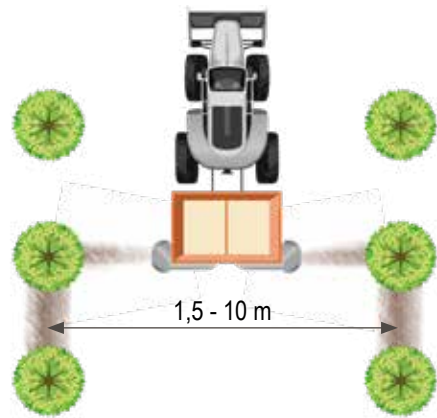
AVAILABLE IN ALL OPERATING MODES (see pp. 2-3)

Technical Data	TVS 600	TVS 800	TVS 1000
Capacity (l)	600	800	1000
Maximum load (kg)	1450	1450	1450
Weight (kg)	188	195	210
Row spreading width min – max (m)	1,5 - 10	1,5 - 10	1,5 - 10
Open field spreading width min – max (m)	12 - 18	12 - 18	12 - 18
Tractor (HP)	50	80	80

Dimensions (cm)	TVS 600	TVS 800	TVS 1000
Length	115	115	115
Width	140	140	140
Height	105	122	139

Equipment	
Standard filtering grids	●
PTO Shaft	●
Rear Guard	●
Stainless Steel Discs	●
LONG LIFE Vanes Set	●
Quick vanes position adjustment	●
Warning Stickers and Reflectors	●
Hopper Cover Tarp	○
Parking Wheels	○
Bilateral stainless steel spreading conveyor with quick release	○
Tail lights (LED)	○

## VINEYARD / ORCHARD



## OPEN FIELD



● Standard ○ Optional



**TWX**



**TWX**

# FERTILIZER SPREADER FOR SITE-SPECIFIC SPREADING

The **TWX** spreaders are designed for site-specific fertilizer spreading along crop rows. The machine's compact design ensures maximum convenience and maneuverability within vineyards and orchards. The standard bilateral spreading conveyor allows site-specific spreading for row crops from 1.5 to 10 meters: the adjustable deflectors direct the fertilizer exactly where it is needed, avoiding unnecessary waste.

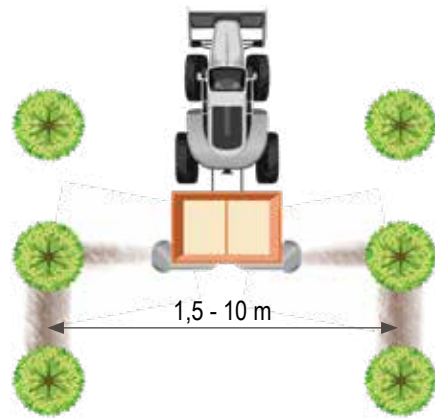
AVAILABLE IN ALL OPERATING MODES (see pp. 2-3)

Technical Data	TWX 700	TWX 1000	TWX 1300
Capacity (l)	700	1000	1300
Maximum load (kg)	1800	1800	1800
Weight (kg)	198	213	228
Row spreading width min – max (m)	1,5 - 10	1,5 - 10	1,5 - 10
Open field spreading width min – max (m)	12 - 18	12 - 18	12 - 18
Tractor (HP)	50	80	80

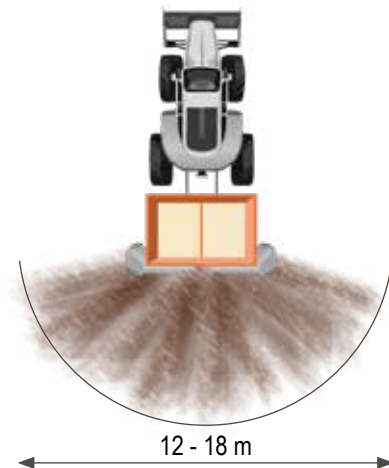
Dimensions (cm)	TWX 700	TWX 1000	TWX 1300
Length	115	115	115
Width	145	145	145
Height	98	116	134

Equipment	
Standard filtering grids	●
PTO Shaft	●
Rear Guard	●
Stainless Steel Discs	●
LONG LIFE Vanes Set	●
Bilateral stainless steel spreading conveyor for spreading from 6 to 10 meters.	●
Warning Stickers and Reflectors	●
Hopper Cover Tarp	○
Parking Wheels	○
Dual fertilizer outlets Site-Specific Spreading	○
Tail lights (LED)	○

## VINEYARD / ORCHARD



## OPEN FIELD



● Standard ○ Optional



# TMY 850



TMY

# FERTILIZER SPREADER COMPACT POWER

The **TMY 850** spreaders are ideal for full-field distribution, even on uneven small- to medium-sized plots. Starting from the 850-liter model, higher capacities of 1175 and 1500 liters can be achieved by adding the appropriate hopper extensions. All models are equipped with standard filter screens to block any fertilizer clumps that could obstruct the outlets and compromise dosing accuracy and spreading uniformity. The charts provided with the machine allow the operator to adjust the working width and fertilizer flow for working widths of up to 24 meters.

**AVAILABLE IN ALL OPERATING MODES** (see pp. 2-3)

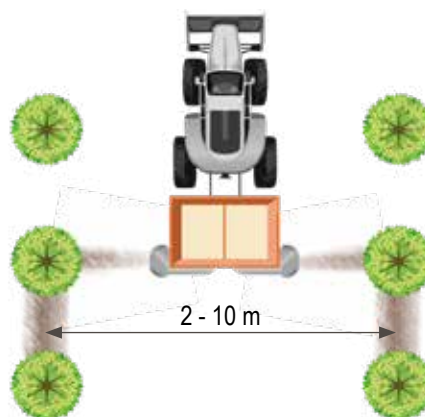
Technical Data	TMY 850
Capacity (l)	850
Maximum load (kg)	1450
Weight (kg)	205
Row spreading width min – max (m)	2 - 10
Open field spreading width min – max (m)	12 - 24
Tractor (HP)	80

Equipment	
Standard filtering grids	●
PTO Shaft	●
Rear Guard	●
Stainless Steel Discs	●
LONG LIFE Vanes Set for spreading 12-18 m	●
Quick vanes position adjustment	●
Warning Stickers and Reflectors	●
Hopper Cover Tarp	○
Parking Wheels	○
Bilateral stainless steel spreading conveyor with quick release	○
Tail lights (LED)	○
Movable border limiter (right side only)	○
LONG LIFE Vanes Set for spreading 19-24 m	○

● Standard ○ Optional

Dimensions (cm)	TMY 850
Length	115
Width	200
Height	105

## VINEYARD / ORCHARD



## OPEN FIELD





# TMY 1200



# TMY

# FERTILIZER SPREADER DOUBLE-DISC CENTRIFUGAL

The **TMY 1200** spreaders are suitable for open-field distribution on medium-sized plots. The base model features a 1200-liter hopper, which can later be fitted with modular extensions to reach 1700 and 2200 liters. All models are equipped with standard filter screens to block any fertilizer clumps that could obstruct the outlets, and agitators to ensure dosing accuracy and spreading uniformity. The working width can be adjusted up to 24 meters with the use of the appropriate spreading paddles.

AVAILABLE IN ALL OPERATING MODES (see pp. 2-3)

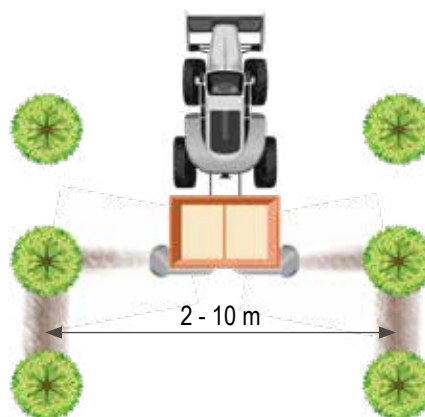
Technical Data	TMY 1200
Capacity (l)	1200
Maximum load (kg)	2000
Weight (kg)	270
Row spreading width min – max (m)	2 - 10
Open field spreading width min – max (m)	12 - 24
Tractor (HP)	90 - 100

Equipment	
Standard filtering grids	●
PTO Shaft	●
Rear Guard	●
Stainless Steel Discs	●
LONG LIFE Vanes Set for spreading 12-18 m	●
Quick vanes position adjustment	●
Warning Stickers and Reflectors	●
Hopper Cover Tarp	○
Parking Wheels	○
Tail lights (LED)	○
Movable border limiter for right side	○
Movable border limiter for central rows	○
LONG LIFE Vanes Set for spreading 19-24 m	○

● Standard ○ Optional

Dimensions (cm)	TMY 1200
Length	125
Width	220
Height	118

## VINEYARD / ORCHARD



## OPEN FIELD

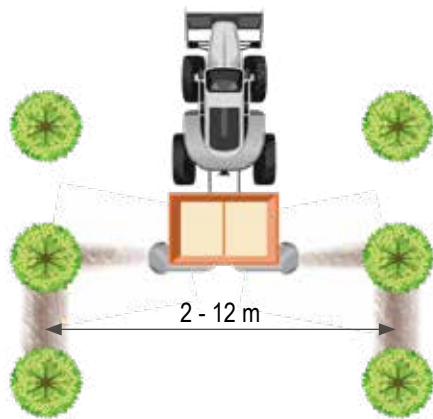




# MAXI-VIGNA



VINEYARD / ORCHARD



OPEN FIELD



# FERTILIZER SPREADER DOUBLE-DISC CENTRIFUGAL

The **MAXI-VIGNA** spreader is designed for the distribution of chemical and organic fertilizers in granular, pelleted, or powdered form. The bilateral spreading conveyor allows site-specific spreading in vineyards and orchards, with adjustable working widths from 2 to 12 meters. The hopper is made entirely of stainless steel, with a capacity of 4 or 5 m<sup>3</sup>. The MAXI-VIGNA's maximum width of 1.8 m, combined with the standard steering drawbar, makes it highly maneuverable in tight spaces.

AVAILABLE IN ALL OPERATING MODES (see pp. 2-3)

Technical Data	MAXI-VIGNA	MAXI-VIGNA	MAXI-VIGNA	Dimensions (cm)	MAXI-VIGNA	MAXI-VIGNA	MAXI-VIGNA
	3500	4000	5000		3500	4000	5000
Capacity (m <sup>3</sup> )	3,5	4	5	Length	490	490	490
Maximum load (kg)	5200	5200	5200	Width	160	180	180
Weight (kg)	1725	1800	1875	Height	227	227	242
Row spreading width min – max (m)	2 - 12	2 - 12	2 - 12				
Open field spreading width min – max (m)	12 - 24	12 - 24	12 - 24				
Tractor (HP)	100	100	100				

● Standard ○ Optional – Not available

Equipment	MAXI-VIGNA ELECTRO-HYDRAULIC	MAXI-VIGNA ECS SYSTEM	MAXI-VIGNA W-SYSTEM	MAXI-VIGNA ISOBUS	MAXI-VIGNA WI-ISOBUS
Belt transmission – Mechanical roller/idler	●	-	-	-	-
Belt transmission – Hydraulic motor	-	●	●	●	●
Disc transmission – Hydraulic motor	●	●	●	●	●
DPA dose control	●	●	●	●	●
Manual dosage adjustment	●	-	-	-	-
Electronic dosage adjustment (monitor-controlled)	-	●	●	●	●
Independent double shutter	●	●	●	●	●
Hydraulic feeder opening/closing	●	●	●	-	-
Electric feeder opening/closing	-	-	-	●	●
Overflow filter grid	●	●	●	●	●
Stainless steel bilateral conveyor	●	●	●	●	●
Hydraulic steering drawbar	●	●	●	●	●
Low-level sensors	-	○	○	●	●
Weighing system	-	-	●	-	●
Type approval (Mother Regulation) UE 167/2013	●	●	●	●	●
Inspection ladder	●	●	●	●	●
Pneumatic brakes	●	●	●	●	●
Internal deflector	●	●	●	●	●
Stainless steel hopper	●	●	●	●	●
Control/terminal with joystick / control panel / icon	joystick / control panel	Icon	Icon	-	-
Control/terminal with ISOBUS monitor on tractor	-	-	-	●	●
1 double-acting hydraulic valve with free return	●	●	●	●	●
1 double-acting hydraulic valve with free return (load sensing)	-	-	-	○	○
Required oil flow rate: 30 l/min	●	-	-	-	-
Required oil flow rate: 45 l/min	-	●	●	●	●
Fertilizer discs for conveyor	●	●	●	●	●
Discs for lime and pellets	○	○	○	○	○
Fertilizer discs 12–24 m	○	○	○	○	○
Manual hopper cover tarp	○	○	○	○	○
Electric-operated hopper cover tarp	○	○	○	○	○

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

# AGREX



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