

:: FERTILIZER SPREADERS

Professional Product Range



High Performance For Professionals

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Rata
INDUSTRIES GROUP LTD



Adjustable side conveyors in stainless steel



The SDA fertilizer spreaders are compact and light and can be pulled by low-power tractors. However, they have the same sturdiness and high precision as large agricultural machinery. One of their distinctive features is quantity control through a setting gauge which guarantees accurate fertilizer distribution. If necessary, it is possible to adjust the quantities being fed onto the 2 spreading discs. The side conveyors allow for localized spreading on row cultivation of 1.5 - 5 meters: the deflectors are adjustable and enable the fertilizer to be discharged where it is needed, thus avoiding unnecessary waste.



Models	Capacity (l)	Maximum load (kg)	Weight (kg)	Length (cm)	Hopper width (cm)	Height (cm)
SDA 500	500	800	154	112	110	94
SDA 600	600	800	163	112	110	104

All models are equipped with: Manual quantity control – Standard filtering grids – Cardan shaft – Stainless steel vanes for spreading up to 18 m
 OPTIONAL: Single acting hydraulic drive for the quantity-control gates – Side conveyors in stainless steel

XPS

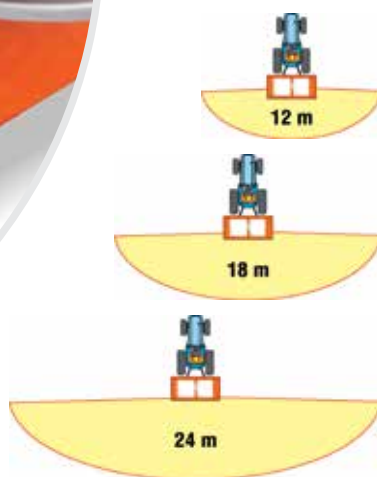
Compact Strength

Spreading width up to 24* m

**with set of vanes for 24 m. spreading width*



The XPS fertilizer spreaders are excellent for full-field distribution, even on small and medium-sized unlevel fields. By adding hopper extensions, to the 800 liter model, 1000, 1200 and 1500 liter capacities can be obtained. All models are supplied with standard filtering grids to prevent any lumps of fertilizer from blocking the gates and compromising quantity accuracy and spreading uniformity. The charts supplied with the machine enable the operator to regulate the working width and the fertilizer load for spreading widths of up to 24 m.



Spreading width: **12 m**
Fertilizer: NS 24 - 7

Variation coefficient: 6,2
Quantity: 120 kg/ha



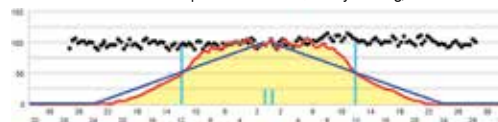
Spreading width: **18 m**
Fertilizer: NPK 18 - 4 - 14

Variation coefficient: 8,25
Quantity: 150 kg/ha



Spreading width: **24 m**
Fertilizer: Ammonium sulphate

Variation coefficient: 7,89
Quantity: 270 kg/ha



Models	Capacity (l)	Maximum load (kg)	Weight (kg)	Length (cm)	Hopper width (cm)	Height (cm)
XPS 800	800	1200	185	111	158	103
XPS 1000	1000	1200	198	111	158	118
XPS 1200	1200	1200	210	111	158	133
XPS 1500	1500	1200	226	125	202	137

All models are equipped with: Manual quantity control – Standard filtering grids – Cardan shaft

OPTIONALS: Two-piston hydraulic drive for quantity-control gates – Side conveyors in stainless steel

XDI

Power, reliability and top precision on the

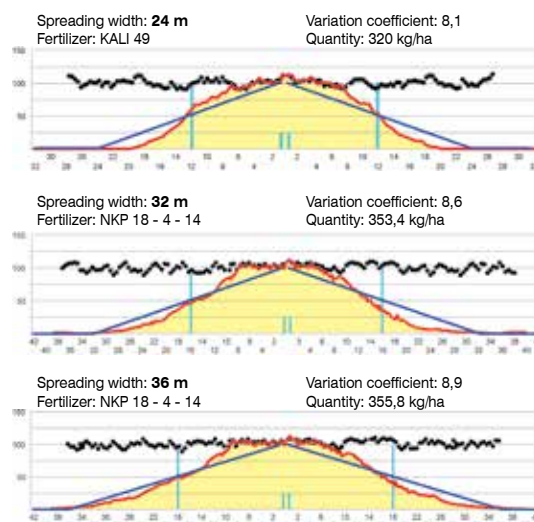
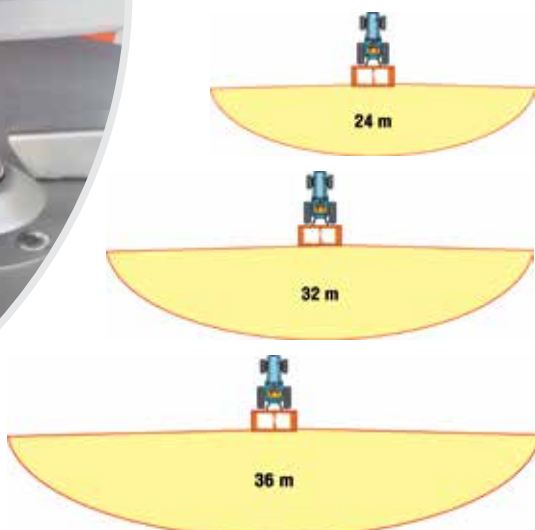
Spreading width from 12 to 36(*) m

(*) with set of vanes for 36 m. spreading width

New



The XDI fertilizer spreaders are directed at professional operators and at third-party contractors in view of their high performance in the distribution of fertilizers on large stretches of land. The standard hopper has a loading volume of 1500 liters which can be increased to 3000 liters by simply adding, at any given time, an extension. The spreading diagrams supplied with the machine, enable the operator to regulate the working width and the fertilizer load for a spreading width of up to 36 m. The XDI fertilizer spreaders allow for normal spreading, late spreading (which is indispensable when it is necessary to fertilize areas where crops reach an impressive height) and the spreading of edges.



Models	Capacity (l)	Maximum load (kg)	Weight (kg)	Length (cm)	Hopper width (cm)	Height (cm)
XDI 1500	1.500	3.000	335	142	232	117
XDI 2000	2.000	3.000	360	151	242	130
XDI 3000	3.000	3.000	405	151	242	155

All models are equipped with: Manual fertilizer flow regulation – Double acting hydraulic drive for flow regulation – Standard filtering grids – PTO shaft – Inspection ladder – Stainless steel spreading discs – Stainless steel vanes for spreading up to 24/32 m – Vanes quick adjustment

OPTIONALS: Computer for data management – Mobile focuser – Mud flap kit – Tarpaulin cover with full opening

The opening and closing of the fertilizer is electronically driven. This can however be done manually (pushbutton panel control panel) or by electronic control (programmable electronic console). It is possible to open either both gates, or only the right or the left one, for spreading over half the width.

To optimize the outflow and avoid pulverizing the fertilizer, the XDI fertilizer spreaders are standard fitted with an ultra-slow rotating agitator.

An inspection ladder helps the operator to load the product into the hopper.

All components in contact with the fertilizer are in stainless steel.



Spreading tests carried out at recognized university testing centers: Denmark [AARHUS Universitet] and Spain



Spreading controlled by a computer for data management

It allows the totally automatic adjustment of the quantity of fertilizer to be spread (kg/ha) regardless the forward speed of the tractor, thus avoiding waste of fertilizer in respect of the environment.

This system can also be integrated with the GPS satellite devices.



Standard filtering grids and mixer with ultra-slow rotation



Inspection ladder



Double acting hydraulic control for the opening and closing of the fertilizer gates



Distributor for the quantity of fertilizer to be spread



Tilt regulator for late spreading



Setting gauge corresponding to the spreading charts for highly accurate fertilization



Setting gauge corresponding to the spreading charts for highly accurate fertilization



KYLO

Twin disc
centrifugal spreader

Full auto rate through scales and speed management



MONEY SAVING THROUGH WEIGHING CONTROL!

AGREX S.p.A. proudly presents the fertilizer spreader with **integrated weighing KYLO SYSTEM**.

The **KYLO SYSTEM** allows to gear automatically the opening of the dosing gates up to the speed of the tractor and the peculiarities of the fertilizer's flow.

More respect of the environment and economic savings are the results of the extraordinary precision in spreading and the easy use of the **KYLO SYSTEM**.

The available models are:

- **KYLO**: Capacity from 1500 to 3000 liters

YOUR BENEFITS

- A strong structured frame with on-line weighing up to a load of 3000 kg. The weighing system is integrated in the fertilizer spreader frame
- For working on slopes there is no lateral stress of the weighing cell because hopper frame and distribution are a single body
- The easy setting of spreading quantity and spreading width increase working comfort and security
- GPS adaptable
- All mechanical and electronic security devices are made according to EU safety regulations
- The very simple maintenance is reduced to a minimum

FERTILIZER SPREADERS - Professional Product Range

Mounted hydraulic jib-cranes

- Arm lifting driven by hydraulic two-way cylinder, fitted with stop and capacity limiter valve
- Telescopic arm extensible by hydraulic two-way cylinder and fitted with stop valve
- 3-point hitch for fertilizer-spreader
- Maximum lifting capacity: 990 kg

Model	Min. lifting capacity (kg)	Max. lifting capacity (kg)	Weight (kg)
BGS 990	600	990	240



MAXI

Twin disc centrifugal spreader

Spreading width from 12 to 24 m



Hopper loading grid

The MAXI fertilizer spreaders have been designed to respond to the requirements of professional operators and of third-party contractors for the distribution of fertilizers on large extensions of land. They are equipped with a tank having a high loading autonomy which guarantees a daily working performance of several hectares. The bearing frame, of solid construction, allows for speeds of up to 40 km/h.

The distribution unit is composed of two spreading discs with adjustable radial blades in stainless steel. The bottom of the hopper consists of a rubber conveyor belt which guarantees near to total uniformity in that the forward movement of the tractor is controlled by a volumetric wheel which hydraulically rests on the large wheel of the fertilizer spreader.

The MAXI fertilizer spreaders are equipped with a universal diffusion system for the distribution of slightly damp products, inert organic fertilizers up to 15 meters and mineral fertilizers up to a 24 meter spreading width.

The large resting surface area of the tires reduces pressure on the ground, even in particularly critical conditions.



Braking system ⁽³⁾



Wet lime spreading unit



Kit for spreading dry chicken-manure

Models	Capacity (m ³)	Maximum load (kg)	Weight (kg)	Length (cm)	Hopper width (cm)	Height (cm)
MAXI 4000	3.5	6000	1430	473	220 ⁽¹⁾ - 238 ⁽²⁾	196
MAXI 6000	5.0	6000	1500	473	220 ⁽¹⁾ - 238 ⁽²⁾	225

All models are equipped with: Mechanical and hydraulic drive for the quantity – Control gates – Manual and electronic regulation of the quantity – Standard filtering grids – Cardan shaft

⁽¹⁾ Width with 385/65 R 22,5 tires ⁽²⁾ Width with 550/45 R 22,5 tires (Optional) ⁽³⁾ Available upon request air or hydraulic brakes

MAXI

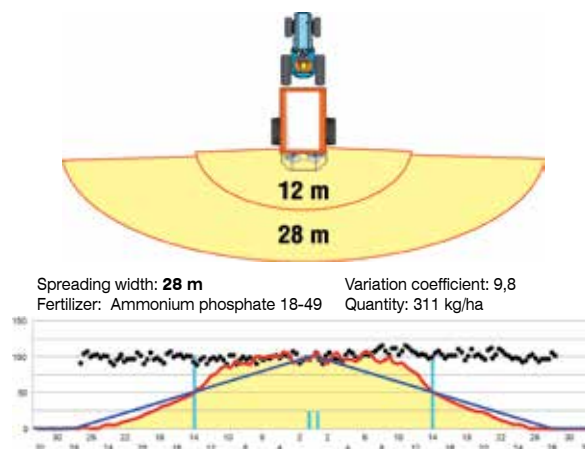
MAXI 4000T - MAXI 6000T

Late Fertilizing

Spreading width from 12 to 28 m



Hydraulic regulation of fertilizer quantity-control



Rubber conveyor belt



Inspection ladder



DPA volumetric wheel



Distribution unit in steel



Edge limiter device (Optional)

Models	Capacity (m ³)	Maximum load (kg)	Weight (kg)	Length (cm)	Width (cm)	Height (cm)
MAXI 4000T	3.5	4240	1500	470	190	225
MAXI 6000T	5.0	4220	1580	470	190	252

Available **Mechanical** and **Fitted** models. Model Fitted with **computer for data management**: Computer for data management – Speed wheel sensor – Electrical wiring for the connection – Hydraulic motor belt control – Speed sensor of the belt – Hydraulic motor drive discs – Speed sensor of the discs



SANDBLASTING

CATAPHORESIS + POWDER COATING

CATAPHORESIS

The **AVC painting process** is an advanced technique that makes the treated elements very resistant to corrosion.

AGREX uses this method to paint its fertilizer-spreaders in order to offer to the end user durable and strong machines that are resistant to high corrosion coefficient of the fertilizers.

ADVANTAGES:

- Better resistance to corrosion
- Uniform surface coating of all the parts
- Smooth surface
- In compliance with the European and USA environmental standards



Commande et maintenance
à l'hydraulique
Prix/Price

Professional Product Range

Models	Capacity (l)	Maximum load (kg)	Weight (kg)	Length (cm)	Hopper width (cm)	Height (cm)	Tractor Power (HP)
SDA 500	500	800	154	112	110	94	50
SDA 600	600	800	163	112	110	104	50
XPS 800	800	1200	200	111	158	103	80
XPS 1000	1000	1200	220	111	158	118	80
XPS 1200	1200	1200	240	111	158	133	80
XPS 1500	1500	1200	246	125	202	137	120
XDI 1500	1500	3000	335	142	232	117	130
XDI 2000	2000	3000	360	151	242	130	130
XDI 3000	3000	3000	405	151	242	155	180
KYLO 1500	1500	3000	490	142	242	117	130
KYLO 2000	2000	3000	490	151	242	130	130
KYLO 3000	3000	3000	510	151	242	155	180
MAXI 4000	3.5 m ³	6000 (*)	1540	473	220 - 238	196	110
MAXI 6000	5.0 m ³	6000 (*)	1610	473	220 - 238	225	110
MAXI 4000T	3.5 m ³	4240 (*)	1500	470	190	225	110
MAXI 6000T	5.0 m ³	4240 (*)	1580	470	190	252	110

(*) Maximum load is the total mass allowable [net weight of the product + weight of the empty machine] of the model with standard tires





Trade fairs and events

We take part in numerous trade fairs and events throughout the world. Also on these occasions we are delighted to furnish you with thorough and tailored advice and information about our entire machinery range. We are proud to be found in specialist magazines of the sector. It will be a pleasure to meet you in the very near future!



Quick and safe dispatches

All our machines are designed to be easily transported by trucks and containers. Our packaging has been studied to guarantee that the components reach their destination intact, even when they have to be transferred from one means of transport to another or are subject to lengthy layovers. Our logistics department is at your complete disposal for guaranteed fast and safe transport.

The technical data and pictures are intended as indications only. Rata – in its endeavor to supply an innovative product that is ever more in line with its clients' requirements – reserves the right to update its products at any time without any obligation to issue any prior notice.



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