

# Vesta

PNEUMATIC SEED DRILL



THE WELL DONE SOWING  
[WWW.SOLAGRUPO.COM](http://WWW.SOLAGRUPO.COM)









## Learning from our experience

At SOLÀ we have been innovating, designing and manufacturing seeding equipment for over 50 years. Based on our fundamental values of honesty, responsibility, commitment and proximity to the customer, we maintain a continuous evolution and improvement of all our products.

Farmers provide us with invaluable feedback that helps us design products that exceed expectations. We are always attentive to their needs and ready to provide

accurate and efficient solutions.

SOLÀ's focus on seeding technologies puts us at the forefront in offering truly versatile, robust and durable products.

The VESTA pneumatic seed drill is offered with a wide range of seeding equipment and furrow opener types, allowing farmers to choose the right tool for their specific task.





Adjustable hydraulic lift control.



Three-point linkage with 5,600 or 7,800 kg lifting capacity



Platform access ladder. Control windows.



Hydraulic parking stand.



Highly efficient turbine with hydraulic drive.



Counterweights and hose routing system.

# The VESTA system

The VESTA has an extra heavy-duty frame designed specifically for tough tasks and large seeding equipment.

The main frame has a reinforced cross-section and large floating transport wheels that maintain stability in transport and field applications.

The VESTA can be configured with a wide range of SOLÀ seeding equipment, Prosem precision planters or used for fertiliser applications with a variety of tillage implements.

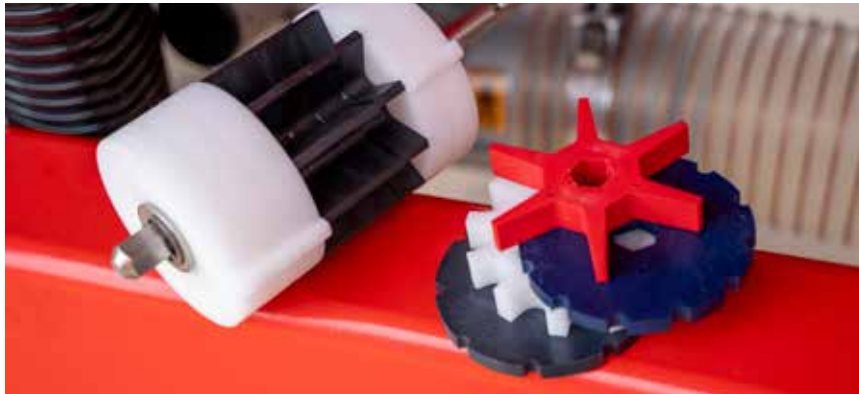
The hopper frame is available in two configurations, which are selected depending on the type of seeding unit used.

With lift capacity of 5.600 or 7.800 kg rear three-point linkage can easily handle all available sowing bars as well as a wide range of cultivators and tillage equipment.

The hydraulic damper on the rear linkage improves machine's handling and stability on uneven roads.





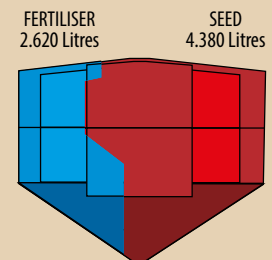
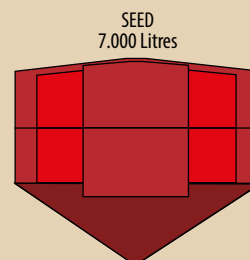


VESTA ELEKTRA adjustable metering system.



Stainless steel metering units with easy access for maintenance and quick emptying system.

**7.000L**  
**Hopper**  
*Optional 60/40 split  
 in a seed / fertiliser version*



## Vesta hopper

The main hopper has a large capacity of 7,000L, sufficient for many hours of work even at high application rates. The hopper can be configured in two sections with a 60/40 ratio, allowing both seed and fertiliser to be applied.

The VESTA with mechanical transmission is equipped with stainless steel volumetric metering units. In the ELEKTRA version, the metering units are modular volumetric, also with stainless steel housings and with easily replaceable seed rollers. These multiple roller assemblies allow different types of fertiliser and seed

to be applied at different rates. Changing the rollers and calibrating the application rates is very simple and requires no tools. The large opening underneath the hoppers allow a practical and quick emptying process.

By means of a hydraulically driven turbine that produces a large air flow, the system can reach application rates of up to 450Kg/Ha, depending on seeding equipment and working speed.

Work lights on the hopper ensures a perfect view of the implement when working in low light conditions.





Large capacity hopper divided 60/40 for seed and fertiliser.



Easy access cover folding system.



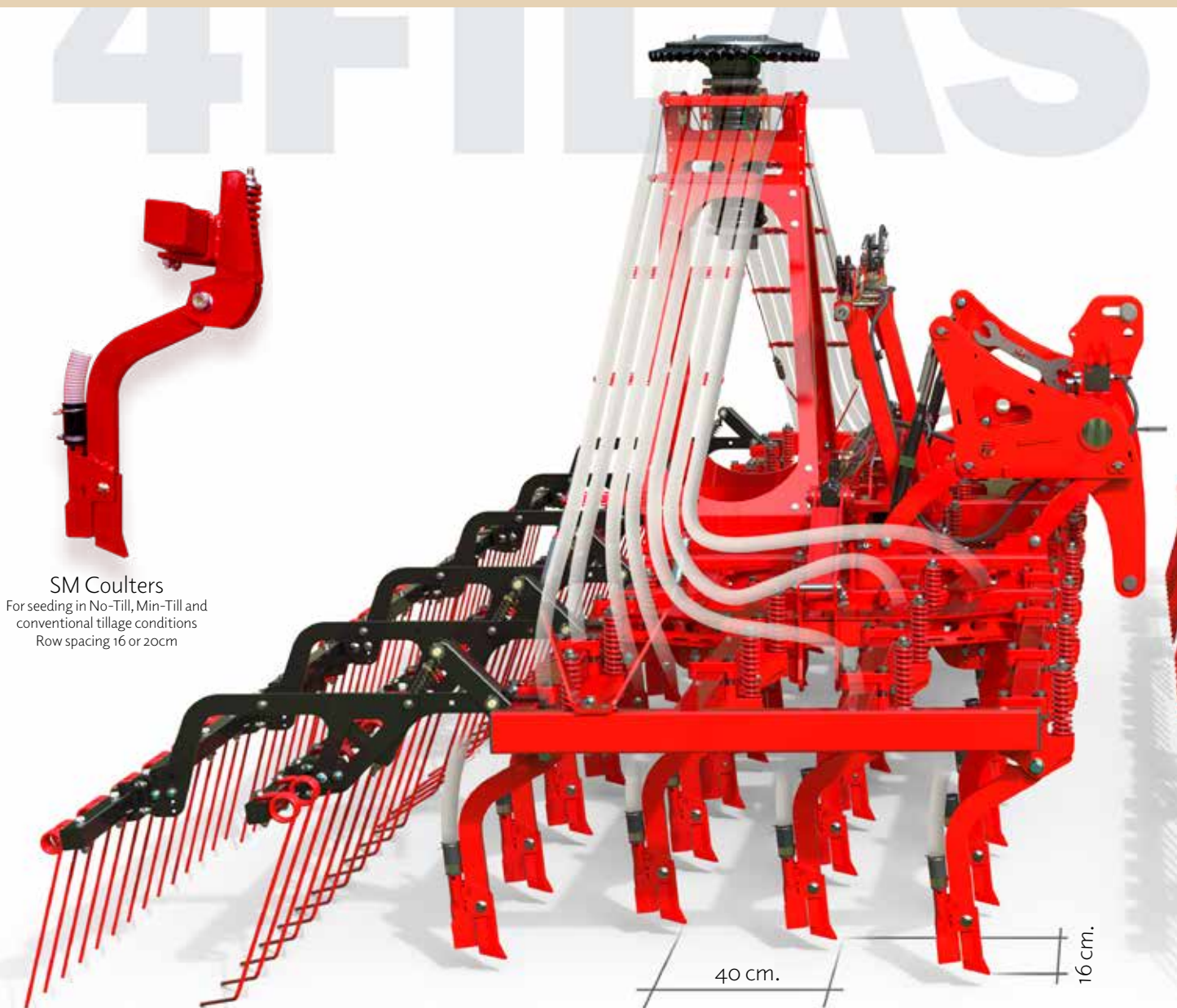
# SM Sowing equipment

The VESTA can be equipped with SM seeding equipment from 5m to 9m wide. These types of seeders are equipped with SM coulters, suitable for working in all types of terrain.

The SM system is ideal for working in wide range of tillage practices, whether it is conventional tillage or the toughest No-till conditions. They can be configured

with 3 or 4 rows of furrow openers with 20cm or 16cm row spacing respectively. The SM coulters are 16mm thick and have an interchangeable wear-resistant tungsten carbide tip with a long service life.

Its double springs create enough pressure to keep it in the ground in the most difficult working conditions, achieving uniform seeding depth throughout the field.



## SM Coulters

For seeding in No-Till, Min-Till and conventional tillage conditions  
Row spacing 16 or 20cm

# Other seeding bars

Seeding bars with tine or PT coulters available in various widths from 6m to 7m with 3 or 4 rows of openers. The tine coulters are more suitable for conventional seeding and the PT coulters can additionally be used for

minimum tillage or non-till seeding. The double disc seeding equipment has two rows of furrow openers with a spacing of 15.8 cm or 14.6 cm. Additionally Vesta can be equipped with 8 or 12 rows PROSEM K planter.





Distribution head. Uniformity of flow.



Easily adjustable double spring harrow.



Adjustable depth control wheels.



**SOLA**  
*Vesta*



Tine coultter  
For conventional sowing.



PT coultter  
For No-Till, Min-Till and conventional sowing.



Double Disc  
For conventional sowing and minimum tillage.




Prosem  
For precision planting.

# Vesta Specifications


Total hopper capacity	7000 L
Optional 60/40% splitting (seed / fertiliser)(L)	4.380 / 2.620
Safety grids inside the hopper	Standard
Transport wheels	Standard 550/60 R22.5 - Optional Radial 560/60 R22.5
Load height (cm)	284
Transmission	Mechanical or electrical ISOBUS with one or two metering units
Metering unit type	Stainless steel volumetric
Metering rollers	Various options from 2.8 to 664 cm <sup>3</sup> /rev
Source of speed	GPS antenna, 7-pin tractor socket or GPS sensor
Half-machine shutoff	Optional
Tramlines	Optional, symmetrical 2+2 or 3+3
Air turbine	Hydraulic motor drive, oil flow rate requirements up to 40 L/min
Independent hydraulic circuit kit	Optional, for 540 or 1000 rpm PTO
Hydraulic row markers	Optional
Base hopper weight (kg)	3.625 (Varies according to trolley version and options fitted)

## SM Sowing equipment




	600/30	600/37	680/34	700/43	760/38	770/47	800/40	900/44
Sowing coulter type	SM							
Working width (m)	6,0	6,0	6,8	7,0	7,6	7,7	8	9
Number of arms	30	37	34	43	38	47	40	44
Number of rows	3	4	3	4	3	4	3	3
Row spacing (cm)	20,0	16,2	20	16,2	20	16,3	20	20,5
Spring harrow	Option, 2 rows of straight and angled tines							
Transport width (m)	3,05							

## TINE COULTERS Sowing equipment



	600/48	700/48
Sowing coulter type	TINE COULTERS	
Working width (m)	6,0	7,0
Number of arms	48	48
Number of rows	3	3
Row spacing (cm)	12,5	14,6
Spring harrow	Standard, 2 rows of straight tines	
Transport width (m)	3,05	

## PT Sowing equipment



	600/37	700/48
Sowing coulter type	PT	
Working width (m)	6,0	7,0
Number of arms	37	48
Number of rows	4	4
Row spacing (cm)	16,2	14,6
Spring harrow	Standard, 2 rows of straight and angled tines	
Transport width (m)	3,05	



## DOUBLE DISC Sowing equipment

	600/38	700/48
Sowing coulter type	Double discs	
Working width (m)	6,0	7,0
Number of arms	38	48
Number of rows	2	2
Row spacing (cm)	15,8	14,6
Spring harrow	Simple angled	
Transport width (m)	3,05	



## PROSEM Sowing equipment

	300/12	400/12	300/8	380/8
Type of row unit	Prosem			
Frame type	Telescopic foldable	Foldable fix	Telescopic	Telescopic
Number of rows	12	12	8	8
Hopper capacity (L)	50			
Row spacing (cm)	45-75	70-75	40-75	60-70
Setting of rows spacing	Variable, in 5 cm increments	Fixed	Hydraulic, in 5 cm increments	Fixed
Metering unit drive	Electric, ISOBUS compatible			
Centralised hopper for microgranulars with electric drive (L)	185 (Optional)			
Centralised hopper for insecticide with electric drive (L)	185 (Optional)			
Transport width (m)	3,05	4	3,05	3,80



## Optional



Track erasers.



Row markers.



Flow control sensors.



Tramlines.

**Other options:** Scrapers on depth control wheels. Pre-emergence row markers. Auxiliary hoppers for micro granulates.



# Vesta

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CN-82201268-F-03