

AURORA



J—

Flexibility and versatility
for small and medium-sized farms.

Jumil / think planting,
think Jumil



/The planter ***Jm Aurora***

The AURORA Planter is the perfect choice for farmers with small and medium-sized farms seeking high performance in the direct planting of corn, soybeans, beans, peanuts, and other summer crops.

With a renewed design, this machine features a pantographic system with parallel lines. It includes a platform for quick refueling in the field with individual hoppers, with the option of a single hopper to increase work autonomy.

Available in versions from 2 to 6 rows (fertilizer and seed or seed only), it offers options for mechanical or vacuum seed distribution. For mechanical distributors, simplicity in operation is a significant advantage; in the pneumatic version, the Exacta Air distributor combines quality and technology to ensure precise planting with a high uniform seed germination rate.

A lightweight machine with a hydraulic lift system, it is versatile and allows for various configurations and adjustments to meet the specific needs of each planting.



/ With **JM Aurora**,
you ensure high performance
and flexibility in your planting

Models

Up to 6 rows of 90 cm;

Hydraulic System;

Pneumatic or mechanical seed
distribution;

Hydraulic row markers – combined or
independent;

Option for fertilizer and seed monitoring



Individual hoppers (standard) or single hopper (optional)

The Aurora line is equipped with individual fertilizer hoppers, which improve flow and deposition on sloped areas. If your need is speed and agility in planting, we offer the optional single hopper, which reduces refueling stops, increasing work autonomy.

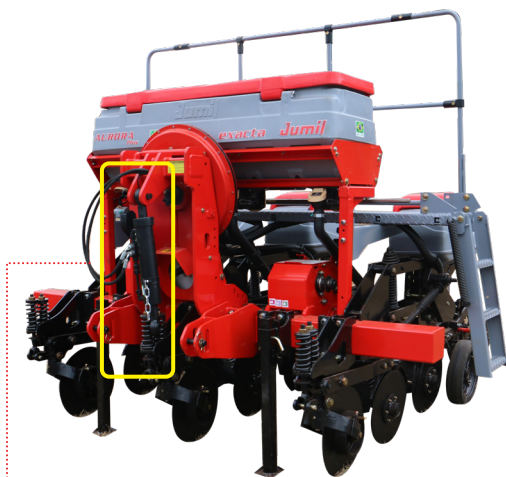


3rd pasture box

Optional designed to maximize the planting of super-fine grains between the rows of the main planting.

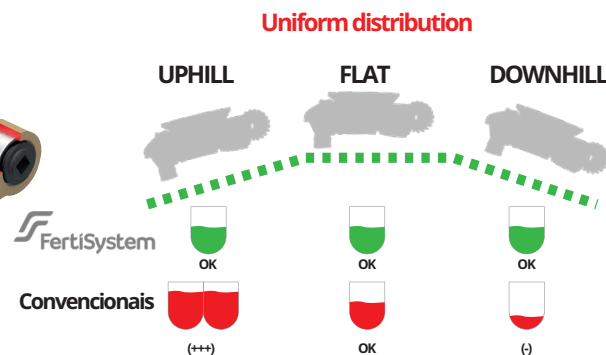
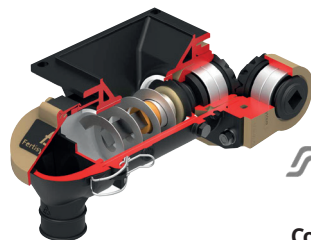
Check the advantages:

- Formation of a mix of vegetation cover or pasture: soil more protected, preserving physical and chemical properties;
- Sow forage species in consortia for the establishment of ILP;
- Formation of high-quality straw for no-till planting, associated with moisture retention and greater soil decompaction;
- Break the cycle of pests and diseases through the adoption of crop rotation;
- Allows up to 3 harvests/year (Summer crop, second crop, and pasture).



► 3rd Hydraulic Point (optional)

Hydraulic piston designed to increase the lifting capacity of the machine with the ease of operation from inside the tractor.



Fertisystem Fertilization System

With auger and rotary shaft, ensuring uniform, efficient distribution while reducing waste during operation.



Individual seed hopper (standard)

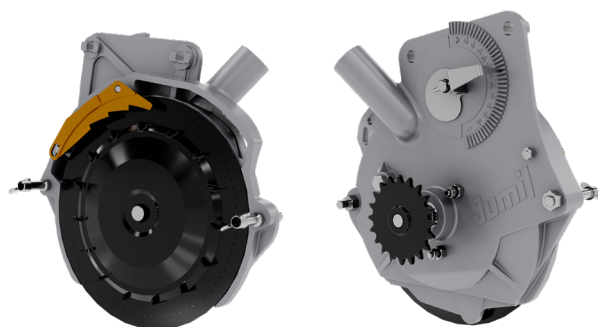
Offers large capacity to optimize row-by-row distribution.

*image refers to the hopper used in the pneumatic system.



Pantographic seed line

Developed to follow terrain irregularities, ensuring efficient and uniform planting under various soil conditions. Its structure is designed with high-quality materials, increasing durability and reducing the need for frequent maintenance. This means fewer stops, enhancing planter performance.



Pneumatic distributor Exacta Air

Delivers precise seed singulation, avoiding skips and doubles. It stands out for being the only distributor on the market with row-by-row singulation adjustment, providing total control over regulation and adjustment for various crop types.



Mechanical distributor Magnum + Apollo Disc

Versatile and mechanically simple, it allows for quick adjustments in different planting and crop conditions.

Available mechanical distributor options: Titanium (J.Assy).



Wide band coverer (optional)

Improves planting finish, eliminating ridges that hinder harvesting (beans).



Rim cap (optional)

Prevents residue entry into the seed double disc, avoiding clogging.



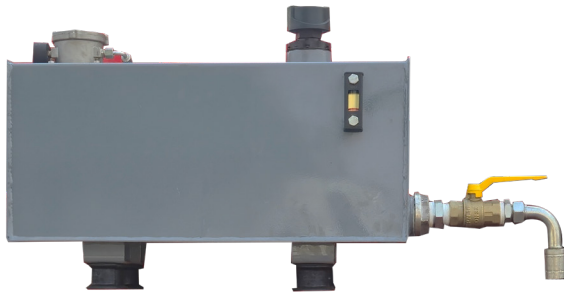
Furrow closer (optional)

Enhances furrow finishing and reduces undulations between rows.



Toothed wheel seed coverer (optional)

Improves furrow coverage efficiency, promoting better initial plant development.



Independent Hydraulic Unit (UHI) (optional)

With Jumil's hydraulic option, even tractors with lower hydraulic capacity can make the most of the planter and its accessories, without performance loss and freeing the tractor for other tasks. This system eliminates the use of the driveshaft and associated risks, enhances the tractor's hydraulic system, maintains constant hydraulic pressure, and reduces machine wear, resulting in lower fuel consumption.



EasyTech Electric (optional)

Fertilizer and seed distribution control, 100% electric transmission. This technology simplifies adjustments, reduces up to 3 lubrication points per row, and allows for manual row-by-row shut-off.



J36 Pro (optional)

Row-by-row planting monitoring with two operation modes: monitoring seed drop or fertilizer flow, and controlling planting rate in seeds per meter and hectare. It uses speed sensors and a hectare meter to measure planted area, all with simplified configuration and operation.

Machine dimensions

Width with row marker according to the header

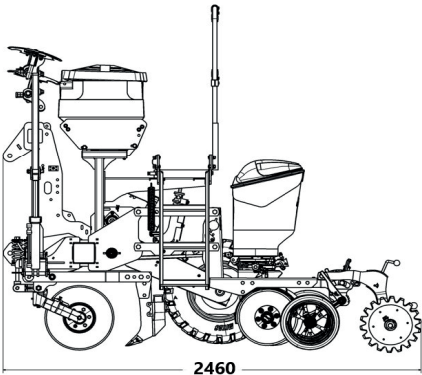
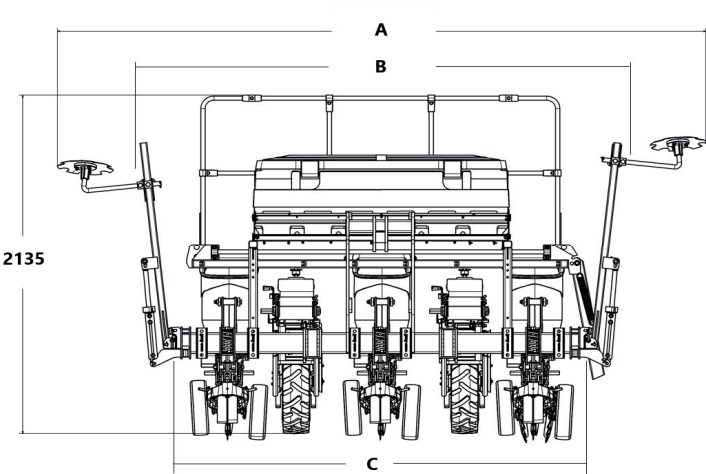
Header	B - TRANSPORT WIDTH	A - WORKING WIDTH	C - TRANSPORT AND WORKING WIDTH WITHOUT ROW MARKER
2100	2910	3520	2100
2400	3210	3820	2400
3200	4010	4620	3200
3500	4310	4920	3500
3900	4710	5320	3900
4100	4910	5520	4100
4400	5210	5820	4400
4800	5610	6220	4800
5200	6010	6620	5200
6800	7610	8220	6800

Note: Headers of 5200 and 6800 are available upon request.

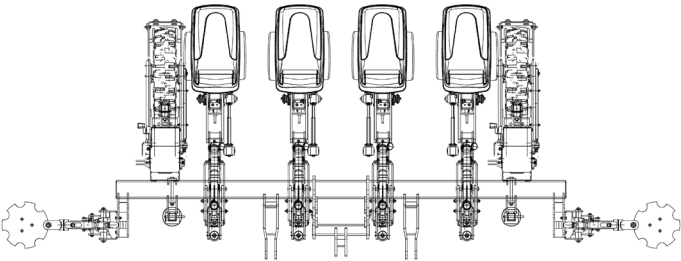


Cutting discs (with depth control ring)

Discs with high cutting power in straw conditions and excellent straw flow. Equipped with a depth control ring, it acts as a depth regulator, maintaining uniform seed height and also protecting the bearing and disc supports.



Parallel Lines





AURORA PLUS FERTILIZER PLANTER

Fertilizer and Seed Hopper Capacity

Model / Number of rows (mm)	Spacing		Fertilizer hopper single capacity		Fertilizer hopper individual capacity		Seed hopper capacity		Machine empty weight (kg)	CV
	Headers	Spacings	Liters	Kilograms	Liters	Kilograms	Liters	Kilograms		
02	2100	600, 700, 750	145	174	150	180	110	82,5	875	60
		800, 850, 900								
03	2100	600, 700, 750	145	174	225	270	165	123,75	1025	60
	2400	800, 850, 900								
04	3200	600, 750, 800	290	348	300	360	300	360	1425	60
	3500	700, 850, 900								
05	3500	600	290	348	375	450	275	206,25	1815	70
	3900	750, 800								
	4100	700, 850, 900								
06	4100	600, 700	470	564	450	540	330	247,5	1930	75
	4400	750								
	4800	800, 850, 900								

- Minimum required power varies depending on soil type, moisture, type of furrower, and working depth.
- For peanut cultivation, consider adding 14 HP to the required machine power.
- Fertilisystem Fertilizer Distributor: Auger step 2" (Standard), auger step 1" (optional).
- Fertilizer flow rate ranges from 80 to 1220 kg/ha.
- Fertilizer and seed capacities are approximate and may vary depending on density.
- Number of Wheels: 2 – Tire 6.50/80 - 15
- **Observation:** Spacings of 600 and 650 have external wheels. For spacings above 700, the wheels are between rows (Except for machines with two rows).
- For configurations of row numbers and spacings not specified, the engineering department must be consulted.
- The indicated values are approximate and used as a reference, depending on configuration and added options.

Note: It is recommended to use tractors with a 4-wheel drive system and, if necessary, use ballast.



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Instruction Manual accompanying the product. Jumil may, at any time, change the configurations, versions, and models offered in this print.

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