

SUPERA



Strength and innovation
to overcome challenges

Jumil / think planting,
think Jumil



/The planter ***Jm Supera***

Designed to tackle the challenges of the field, the Supera is Jumil's new fertilizer planter. It features innovative design tanks, specifically developed to increase work autonomy, ensuring optimal fertilizer and seed flow.

Equipped with rolling pantographs, it offers greater planting row stability, superior durability, and fewer lubrication points. Together with pneumatic springs, it perfectly copies the terrain, enabling uniform seed depth and consistent plant emergence.

Versatile, it is available in versions from 8 to 18 rows with a mechanical or pneumatic Exacta air seed distribution system, combining quality and technology for high-precision planting.

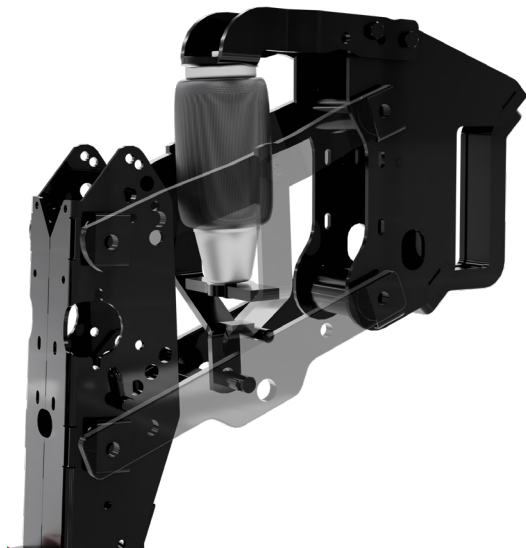
Discover the Supera; Versatility for different crops and operational efficiency, delivering more savings and increasing productivity in the field.





/ Tradition and trust you already know with:

- Renewed design
- More modern, lightweight, and efficient
- Tanks that provide better flow



Pneumatic Springs

With simple adjustments on the compressor, it is possible to regulate the pressure of all carts at once, ensuring uniform depth and homogeneous germination, avoiding dominated plants, and increasing productivity per hectare planted.



3rd Pasture Box

Optional feature developed to maximize the planting of superfine grains between the main crop rows.

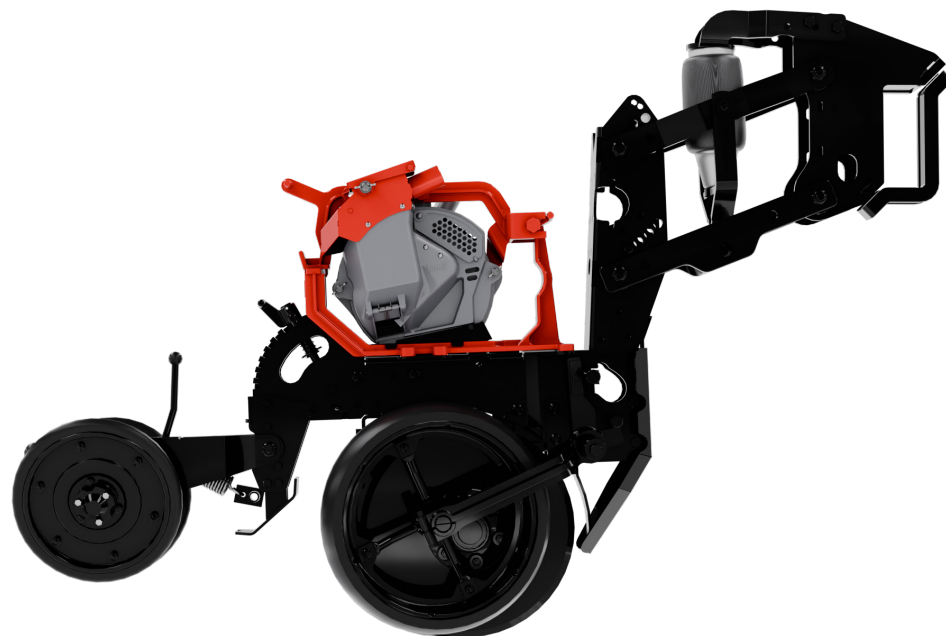
Advantages:

- Formation of a mix of ground cover or pasture: soil is better protected, preserving its physical and chemical properties.
- Planting forage species in intercropping systems for establishing ILP.
- Production of high-quality straw for no-till farming, improving soil moisture retention and reducing compaction.
- Breaking pest and disease cycles through crop rotation practices.
- Enables up to 3 harvests/year (Summer crop, second crop, and pasture).



Multi Flex Seed Line

Offers quick disassembly of the Exacta distributor for maintenance and allows easy access to the seed conductor. Equipped with a double disc with an internal organizer and optimized scrapers. A versatile line compatible with the main market dispensers, requiring no adaptation.



Pneumatic Distributor Options



**J.Assy Selenium
Elétric**

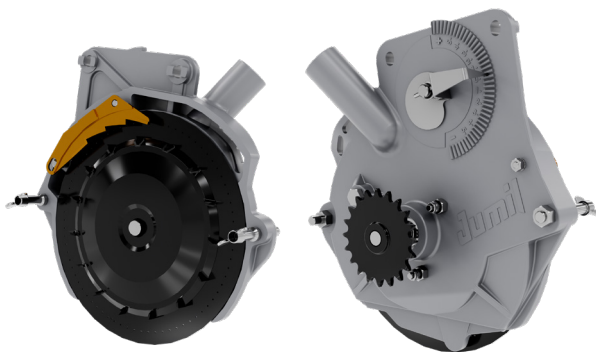
J.Assy Isobus



**Precision Planting
vSet**

Motor Vdrive

Monitor 2020



Exacta Air Pneumatic Distributor

Provides precise seed singulation, avoiding skips and doubles. Stands out as the only distributor on the market with row-by-row singulation adjustment, offering complete control over the regulation process and adjustment for various crop types.

Pneumatic distributor option: Precision Planting vSet, J.Assy Selenium Electric



**Magnum Mechanical Distributor
+ Apollo Disc**

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

Mechanical distributor option: Titanium (J.Assy)

Pantographic Bearing Line

❶ Pneumatic Springs

Regulates the pressure of all wheels, ensuring uniform depth and homogeneous germination.

❷ Bearing Pantographs

- Greater stability
- Greater durability
- Less maintenance + more machine uptime
- Better operational performance
- Better plantability

❸ Line Versatility

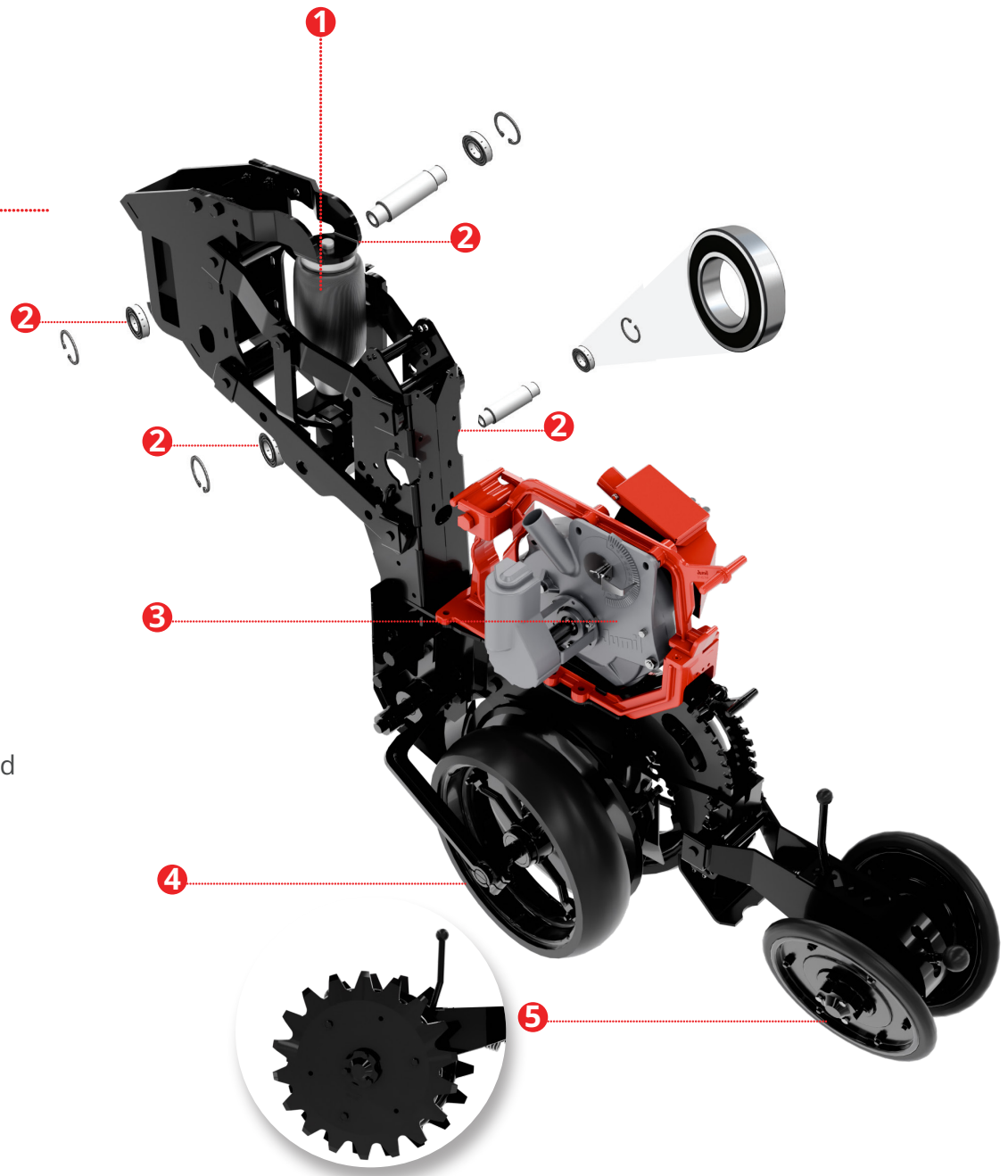
To use the main market metering systems without the need for adaptations.

❹ Depth Control Wheel

Option with or without hubcap on the rim

❺ "V" Cover

With optional toothed wheel.





Motor Bosch IPS (optional)

Statistics, variable rate, and row-by-row shutoff. Features curve compensation, sprayer track shutoff, and is the only one that allows lateral population compensation via map.



Monitor JM36 (standard)

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



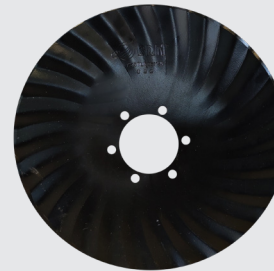
EasyTech Electric (optional)

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



Smooth (standard)

- High efficiency in cutting capacity.
- Ensures precise cuts in more compacted soils.
- Lower resistance to traction, consuming less energy..



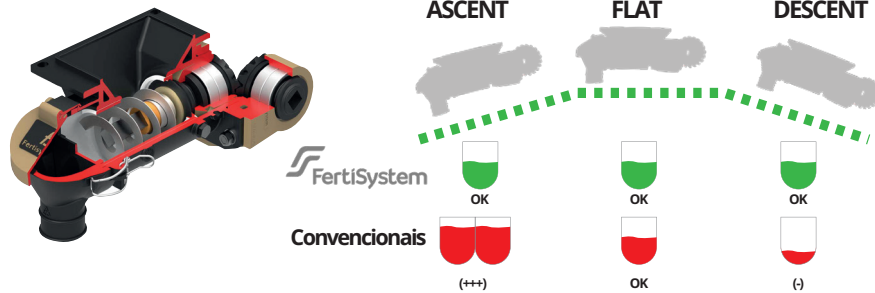
Turbo (optional)

- Greater penetration and cutting capacity in compacted soils.
- Facilitates straw displacement out of the furrow.
- Recommended for terrains with medium straw coverage or moderate residues.

20 waves: clayey soils

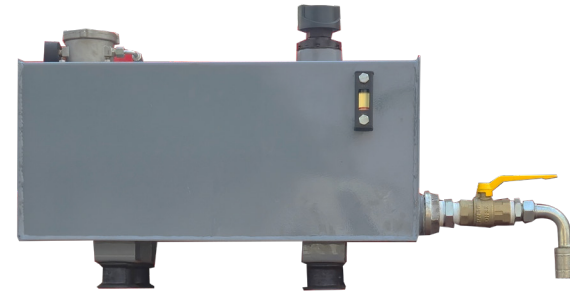
25 waves: sandy soils

Uniform Distribution



Fertisystem Fertilization System

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



Independent Hydraulic Unit (UHI) (optional)

With Jumil's hydraulic optional, even tractors with lower-capacity hydraulic systems can leverage the full potential of the planter and its accessories without performance loss, freeing the tractor for other functions. This system eliminates the use of the drive shaft and associated risks, enhances the tractor's hydraulic system, maintains constant hydraulic pressure, and reduces machine wear, resulting in lower fuel consumption.



Seed Covering Serrated Wheel (optional)

Improves efficiency in furrow coverage, contributing to better initial plant development.



Automatic Furrower Release (optional)

Ideal for planting in rocky soils or with roots.

* Unavailable for 45 cm spacing.



Rim Cap (optional)

Prevents straw from entering the seed double disc, avoiding clogging.



Guillotine Kit (optional)

Works in dense straw, providing a precise and effective cut, avoiding clogging.

Jumil Inoculant Applicator



Tank with
electric activation



Manual Controller
BTE



DROPPER 5.0
Flow controller (standard)

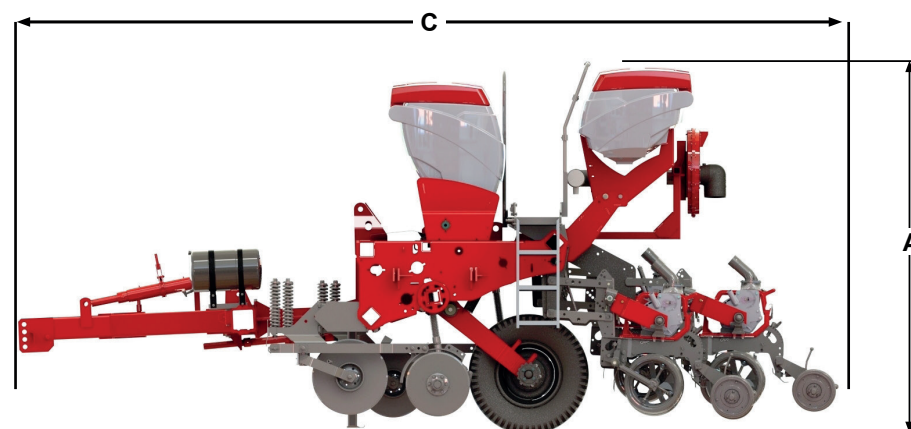
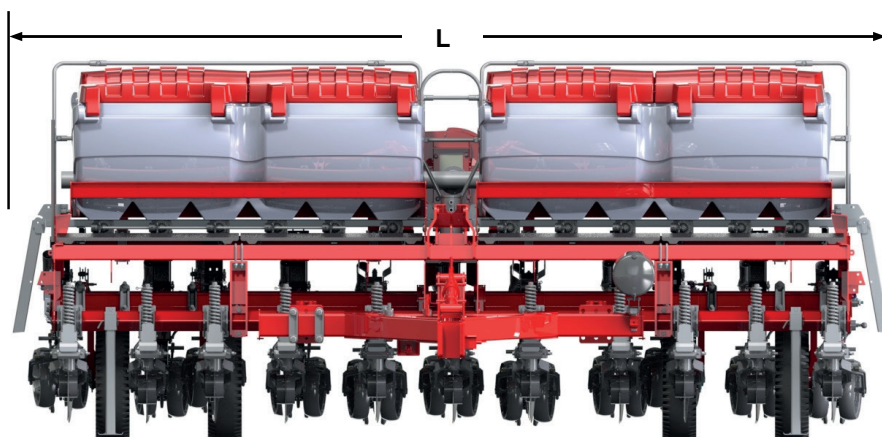


DROPPER FLOW
Flow controller +
nozzle-by-nozzle monitoring

Complete solution: optimization and inoculation, surpassing conventional seed treatment methods.



Dimensions - Machine in operation



Total dimension (mm)						
Transport Dimensions (mm)	08L	10L	12L	13L	15L	18L
Width (L)	4060	4750	5700	6300	7220	8350
Length (C)	2450	2450	2450	2450	2450	2450
Height (A)	2150	2150	2150	2150	2150	2150



Technical Specifications

Capacity of Fertilizer and Seed Deposits

Model / Number of Rows	Spacing (mm)	Effective Width (mm)	Deposit				**Machine Weight Empty (kg)	Tire 900/16 10 layers	*Minimum Power (hp) double disc	*Minimum Power (hp) shank opener
			Fertilizer		Seeds					
			Liters	Kg	Liters	Kg	3080/90			
08/08	450	3360	1180 (2-590)	1360	440	334	4480	02	80	100
08/07	400, 500 e 550				385	292	4240			
08/06	600				330	250	3980			
08/05	700, 760, 800				275	209	3730			
08/04	900				220	167	3480			
10/10	450	4050	1400 (2-700)	1610	550	418	5080	04	100	130
10/09	450, 500				495	376	4830			
10/08	500, 550				440	334	4580			
10/07	600				385	292	4320	04		
10/06	700, 760, 800				330	250	4070			
10/05	900				275	209	3820			
12/12	450	5000	1860 (2-930)	2140	660	501	5890	04	120	160
12/11	450, 500				605	460	5640			
12/10	500, 550				550	418	5390			
12/09	600				495	376	5130			
12/08	700				440	334	4880			
12/07	760				385	292	4620			
12/06	900				330	250	4400			
13/13	450	5500	2080 (2-1040)	2390	715	543	6280	04	130	170
13/12	500				660	501	6020			
13/11	550				605	460	5760			
13/10	600				550	418	5500			
13/09	600				495	376	5240			
13/08	700, 760				440	334	4880			
13/07	800, 900				385	292	4720			
15/15	450	6520	2460 (2-1230)	2830	825	627	7175	06	150	200
15/14	500				770	585	6915			
15/13	500				715	545	6615			
15/12	550				660	500	6415			
15/11	600				605	459	5905			
15/10	700				550	418	5865			
15/09	760				495	376	5645			
15/08	900				440	334	5395			
18/18	450	7650	2790 (3-930)	3210	990	750	8500	06	180	240
18/17	450				935	710	8240			
18/16	500				880	668	7980			
18/15	500				825	627	7720			
18/14	550				770	585	7460			
18/13	600				715	545	7200			
18/12	600				660	501	6940			
18/11	700				605	459	6680			
18/10	760				550	418	6420			
18/09	900				495	380	6160			

- Minimum required power (in HP engine/tractor). This indicator may vary depending on soil type, humidity, fertilizer type, and working depth.

- Fertilizer distributor FertSystem: Auger weight 2" (standard), Auger weight 1" (optional).

- Fertilizer flow rate ranging from 40 to 1400 kg/ha.

- For 450 mm spacing, the standard tire is 750/16. For spacing above 500 mm, the tires are 900/16.

- Fertilizer and seed capacities are approximate and may vary depending on density.

- Weight: 7.5 to 16.12 t.s.

- Jm 3090 - Cardan drive turbine 540 rpm (optional), hydraulic motor drive turbine (standard) - A minimum flow rate of 27 liters per minute is required for the turbine.

*The values provided are approximate and used as reference, as the machines may have varied configurations, including optional features.



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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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