EXPRESSA



High performance in the field
with the highest yield per hectare

Jumil | think planting, **think Jumil**

/The *Jm Expressa* Planter

The Jumil Expressa planter is a milestone of innovation and efficiency in the crucial process of seed deposition on the soil. Designed with cutting-edge technology to meet high productivity demands in increasingly shorter planting interval, this machine stands out in terms of plantability, having been tested under severe conditions and delivering more kilograms per hectare than major competitors.

Available in versions with 19 to 33 rows and spacing starting from 38 cm, it offers versatility and adaptability to various planting conditions. It features an exclusive weight distribution system from the center to the sides, enabling uniform straw cutting while maintaining constant pressure from the seeding unit to the soil. The cylinders on the wheels allow for height adjustment of the discs, providing precise and efficient cutting for different types of soil and crops, delivering the best planting from start to finish.

With the Jumil Expressa planter, you invest in a high-performance machine that combines technology, efficiency, and versatility to maximize your planting results and boost your Incomes.



1 Seed box with greater autonomy

- 3 central tanks, with a total capacity of up to 6,600L of seed.
- Fast refueling / higher autonomy (up to 80ha of soybeans without stops).
- Planting large areas in less time and with a better singularity.

2 Tank lid with quick closure and superior sealing

3 End-to-end planting

The load transfer from the center to the sides is controlled by hydraulic cylinders, which together with the 22" discs, allow height adjustments of the cut while maintaining uniformity across all rows according to each planting need.

4 Low soil compaction with high flotation tires

5 Best soil contouring on the market

Articulated planter with 3 bodies and independent modules from 12º to 16º, offering high capacity to follow terraces and terrains with severe topographies.

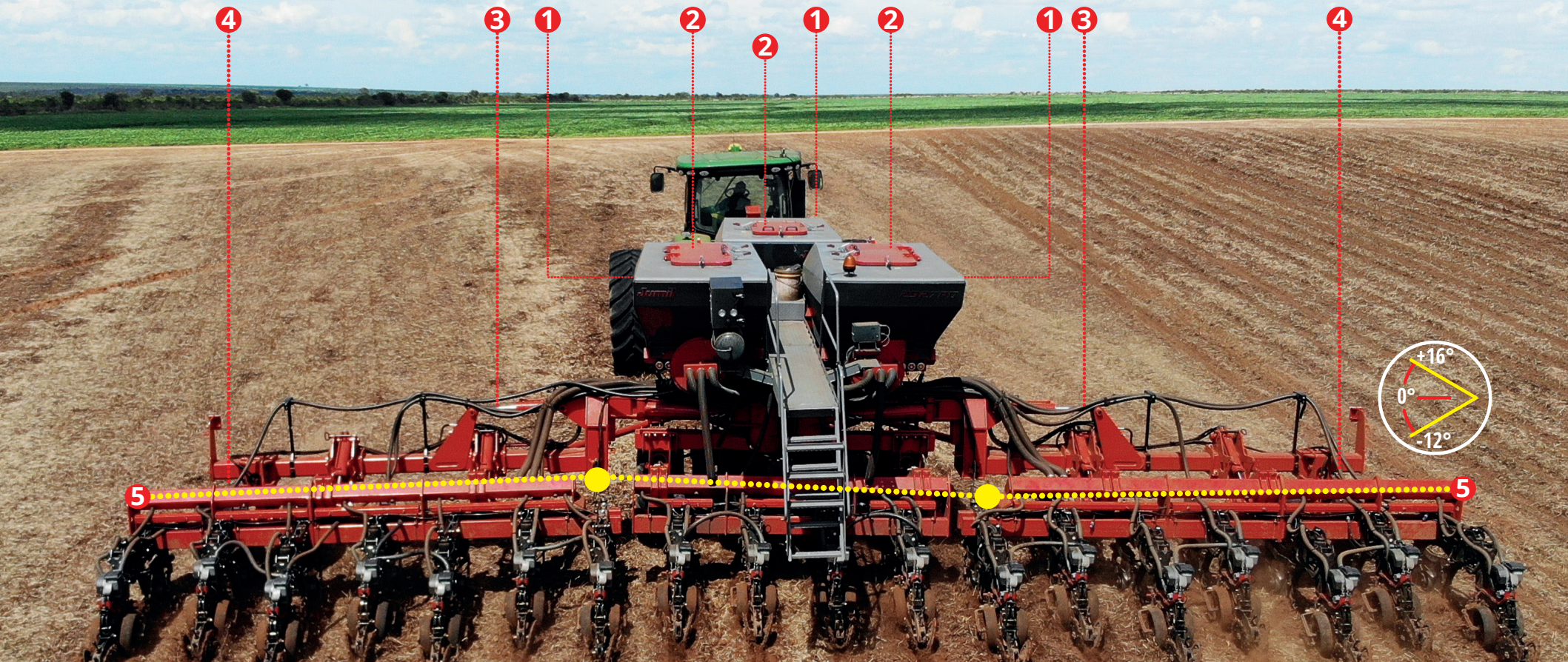
✓ Robustness

- Made of special high-strength steel + Anti-corrosive paint
- Lighter and more resistant
- New machine for longer

✓ Best plantability on the market

Delivers the best planting with a coefficient of variation (CV) below **12%***

**Tested on over 12,800ha of corn, with CVs reaching 12 to 14%*



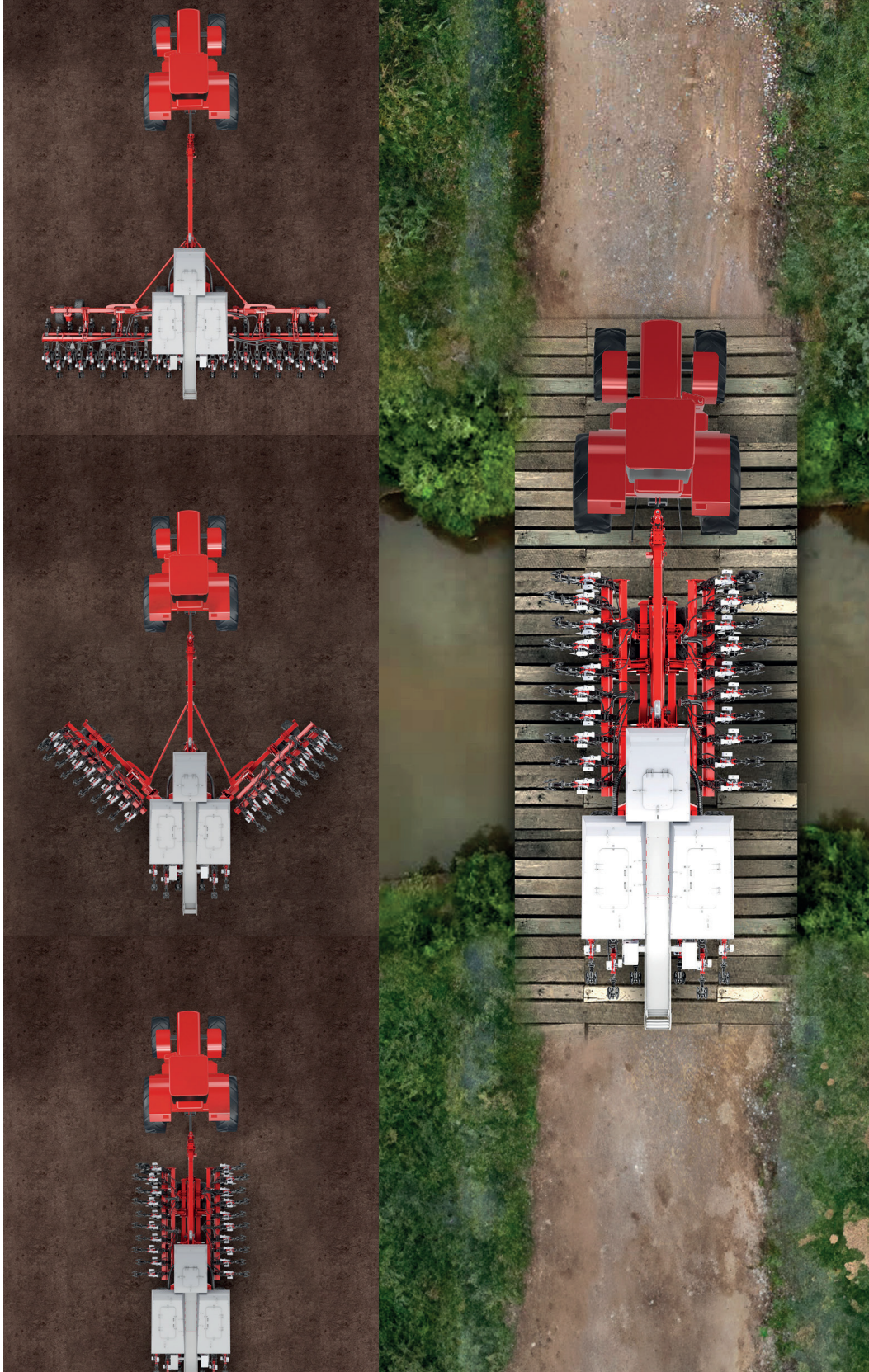
Streamlined logistics

The only planter on the market that folds to 3.20 meters without needing to remove the wheels.

Ideal for operations that require speed and practicality, the Expressa can be towed by the tractor between plots while keeping 100% of its seed load, ensuring greater efficiency and agility.

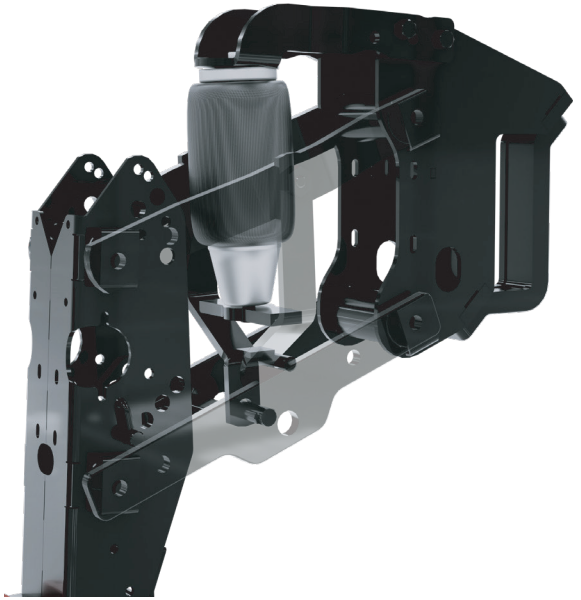


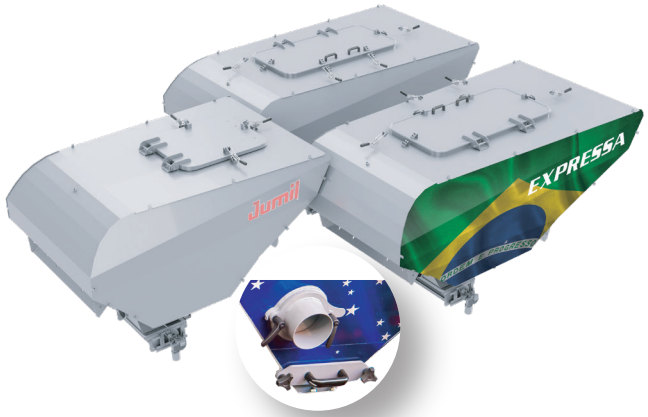
Folding for transport in just **2 minutes**



Pneumatic Springs

With a simple adjustment of the compressor, the pressure is applied to all the planting units at once, ensuring that the seeds are deposited at the correct depth regardless of soil type. This feature offers uniformity in plant emergence, enabling increased productivity per hectare planted.





Seed Deposit

Central tank with a capacity of up to 6,600L of seeds, improves distribution, and optimizes operational efficiency with autonomy of up to 80 hectares of soybean or 270 hectares of maize without stops for refueling. Equipped with seed spouts and a drawer for quick unloading and maintenance.



Load Transfer System

The Expressa features a weight transfer system from the center to the sides via hydraulic cylinder, maintaining pressure on the seeding unit throughout the machine.



Cylinders on the Wheels

Allows height adjustment of the cutting discs according to planting needs and straw density.



Central Wheels

This tool height adjustment feature, in the central wheels, can be used to increase height in transport mode and for loading on flatbeds.

Pantographic Bearing Unit

❶ Pneumatic Springs

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

❷ Bearing Pantographs

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

❸ Versatile Planting Unit

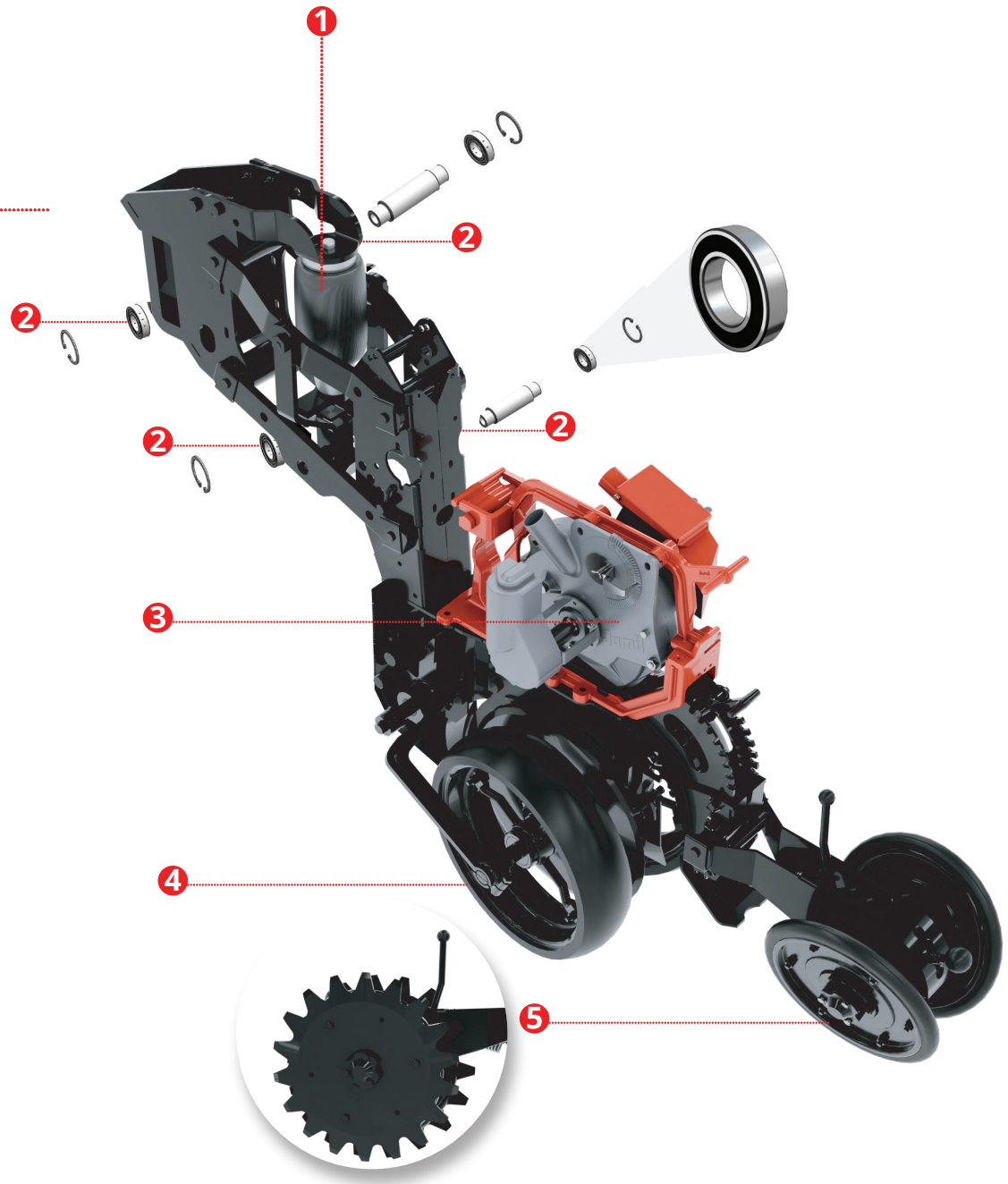
To use the main seed metering systems available on the market without the need of adaptations.

❹ Depth Control Wheel

Option with or without hubcap on the rim

❺ "V" Cover

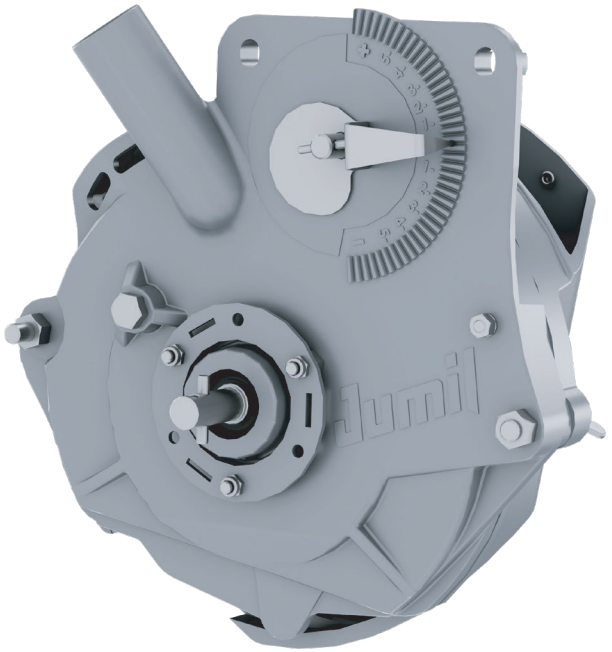
With optional toothed wheel.



Exacta Air Pneumatic Seed Singulator

Delivers the best seed singulation, with low maintenance cost and excellent plantability, considering all crops. It is also the only one available on the market that allows singulation adjustment row by row.

Compatible with electric motors: Bosch IPS and Easytech Electric



Pneumatic Distributor Options



J.Assy Selenium Elétric

J.Assy Isobus



Precision Planting vSet

Motor Vdrive

Monitor 2020



EasyTech Electric

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



Bosch IPS Electric Motor

Statistics, variable rate, row-by-row shutoff. It features curve compensation, sprayer track shutoff, and is the only one that allows lateral population compensation via a map. Through row-by-row control, the system works in planters to optimize seed dosing, resulting in higher yields for your operation.

Equipped with **22" discs,** offering high straw cutting power.



Smooth (standard)



Grooved
(optional)



Corrugated
(optional)



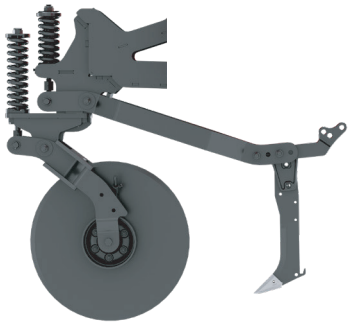
Turbo
(optional)



Notched
(optional)

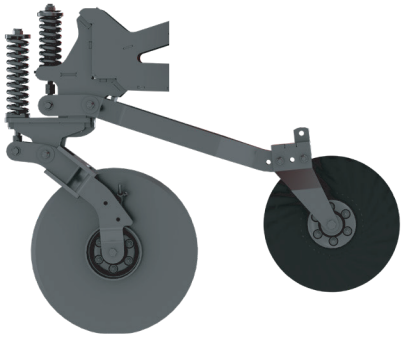
Soil Decompacto Tools

- Improvement in planting stand
- Plants with a better structure and deeper roots
- Indicated in situations of water stress.



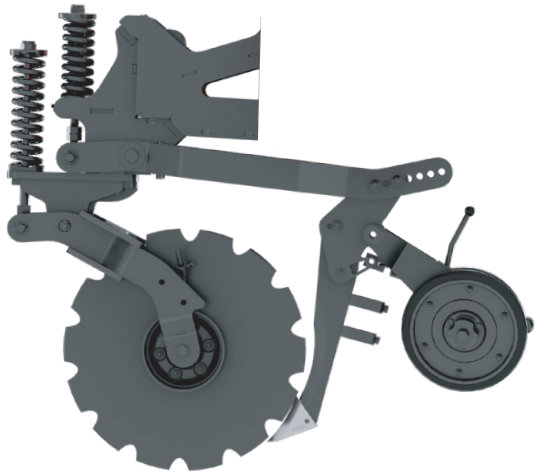
Standard Furrower

With 22" smooth disc + Furrower



Line with Turbo Disc

With 22" smooth disc + 18" turbo disc



Self-Cleaning Furrower *(Patent pending)*

With 22" notched disc + grooved furrower + coverer. Optional feature that offers the best decompaction with the least soil removal. It performs the cut avoiding seed wrapping and straw clogging. It is estimated that this differential generates gains of 2 more plants per meter (soy) and up to 1 more plant per meter (cotton)*

Tests conducted on soy and cotton during demonstrations in the state of Bahia. (planted on more than 1,200ha)

Jumil Inoculant Applicator



Tank with
850L capacity
For models with 19 to 21 rows



Tank with
1200L capacity
For models with 23 to 31 rows



Tank with
1500L capacity
For models with 33 rows



Manual Controller
BTE



DROPPER 5.0
Standard flow controller

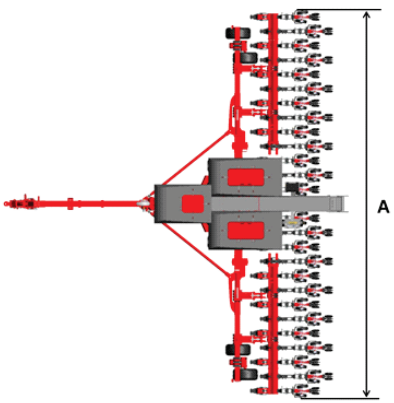


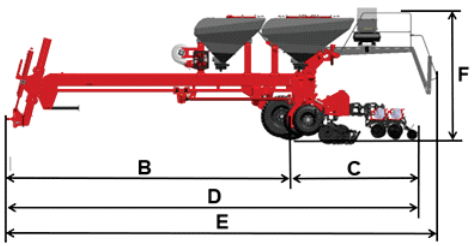
DROPPER FLOW
Flow controller + nozzle-by-nozzle monitoring

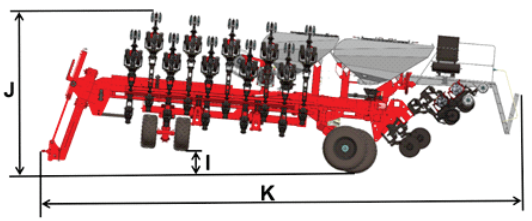
Complete solution: optimization and inoculation, surpassing conventional seed treatment methods.

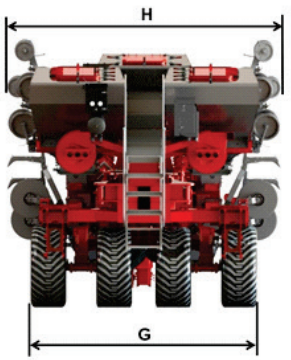


Machine dimensions









MODEL	NO OF ROWS	SPACING (mm)	A	B	C	D	E	F mín.	F máx.	G	H	I	J	K
EXPRESSA 2119PD	19	500	10200	7010	3840	10850	11220	3400	3700	3200	3800	390	4400	11575
	21	450	10200	7010	3840	10850	11220	3400	3700	3200	3800	370	4380	11575
EXPRESSA 2523PD	23	500	12460	7805	3840	11645	12015	3400	3700	3200	3800	480	4130	12365
	25	450	12460	7805	3840	11645	12015	3400	3700	3200	3800	510	4160	12365
EXPRESSA 2725PD	25	500	13500	7805	3840	11645	12015	3400	3700	3200	3800	560	4200	12365
EXPRESSA 2927PD	27	500	13500	7805	3840	11645	12015	3400	3700	3200	3800	560	4200	12365
	29	450	13250	7805	3840	11645	12015	3400	3700	3200	3800	580	4230	12365
EXPRESSA 3129PD	31	450	15200	8805	3840	12645	13015	3400	3700	3200	3800	615	3970	13375
	29	500	15500	8805	3840	12645	13015	3400	3700	3200	3800	630	3960	13375
EXPRESSA 3331PD	31	500	15500	8805	3840	12645	13015	3400	3700	3200	3800	630	3960	13375
	33	450	15200	8805	3840	12645	13015	3400	3700	3200	3800	615	3970	13375
*EXPRESSA 3335PD	35	380	15150	8805	4255	13060	13195	3700	4000	3200	3800	610	4375	13355

Note: Some dimensions may vary depending on the hitch height.
The Expressa 3335PD has 35 rows with 380 mm spacing, mounted on the main frame of the 33L.

Expressa Technical Characteristics

Seed Deposit Capacity

Model / Number of rows		Spacings (mm)	Useful width (mm)	Single seed		Number of wheels	*Power (HP) per row			Empty machine weight (kg)
				Liters	Kg		Incorporator	Furrower	Cutting disc	
2119PD	19L	500	10200							14.820
2121PD	21L	450	10200							15.220
2523PD	23L	500	12460							16.000
2525PD	25L	450	12460							16.400
2725PD	25L	500	13500							16.600
2927PD	27L	450	13500	6600	5280	8	10-15	13-15	10-12	17.000
2929PD	29L	500	13250							17.400
3129PD	29L	500	15000							17.910
3131PD	31L	450	15200							18.360
3331PD	31L	500	15000							18.310
3333PD	33L	450	15200							18.760
3335PD	35L	380	15150							19.260

ADDITIONAL INFORMATION:

- The required power varies depending on the soil type, moisture, type of furrower, and working depth.
- The seed capacity values are approximate and may vary depending on density.
- In case of configurations with numbers of rows and spacings not specified, the technical assistance department should be consulted.

***The indicated values are approximate and used as a reference since the machines may have varied configurations and options. The indicated values were estimated to meet challenging soil conditions.**

think planting,
think Jumil

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