



Drilor



Technology
and Versatility.

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Main Features



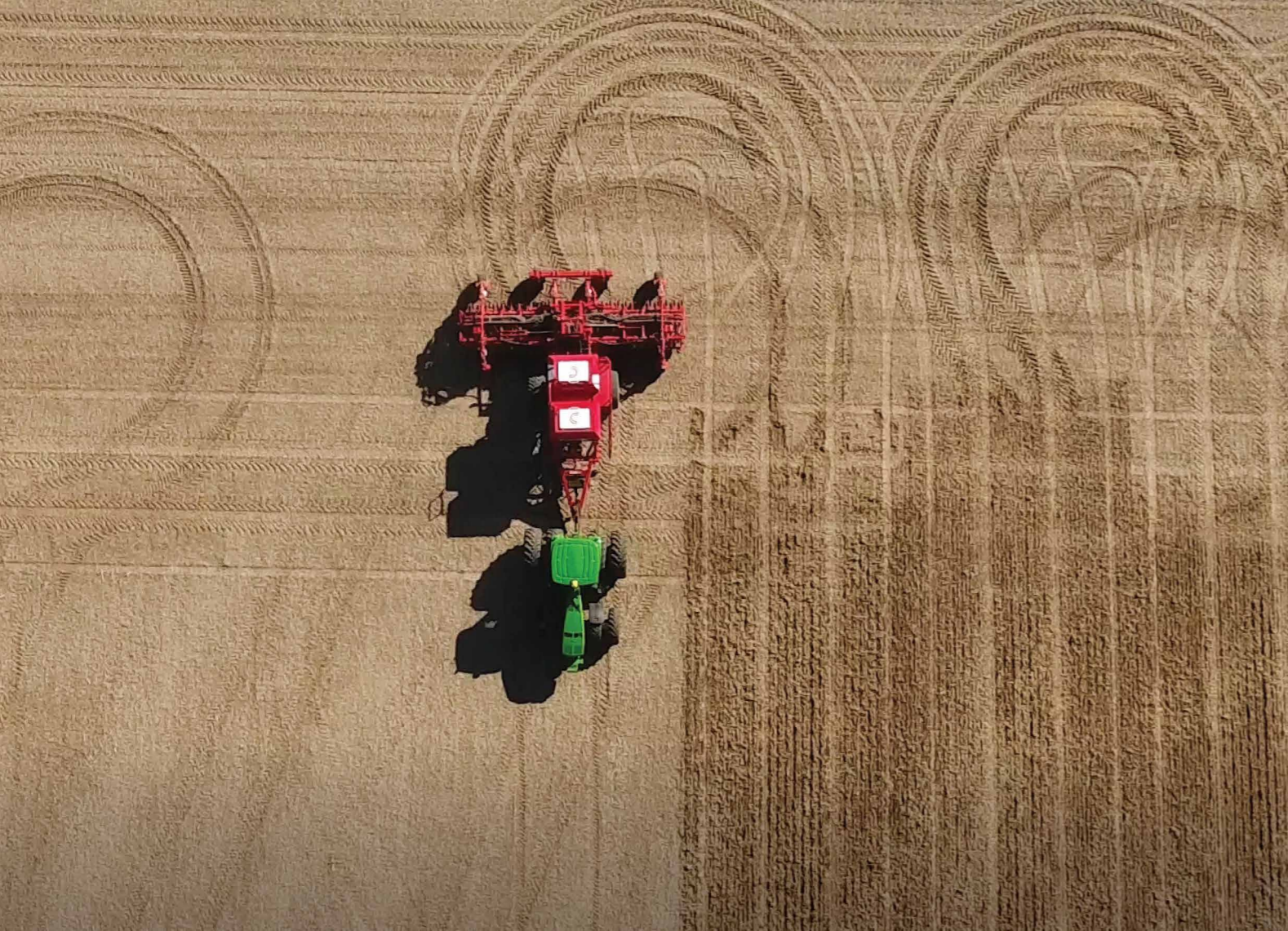
Drilor is a **multipurpose seeder** designed for sowing fine seeds at different row spacings of 17.5, 19, 21, and 26.25 cm, or 35, 38, 42, and 52.5 cm through chevron dosing with working widths ranging from 8.5 m to 10 m. It can also be used for sowing coarse seeds by deactivating unused rows, resulting in different row spacings of 35, 42, and 52.5 cm, with the option of mechanical or pneumatic dosing. Seed and fertilizer distribution is carried out through independent conduits, feeding each chevron with only 2 rows and dividing them using a "Y" divider, ensuring uniform distribution. It is the only machine in the market with an optional **alfalfa hopper**.



From transport position to work position

Its folding system, controlled by a single operator in the tractor cabin, transforms the seeder from transport position to the 10 m working width in less than 4 minutes.





From transport position to work position

Wider working width. Versatility and maneuverability. Secure transportation.

Due to the connection between the hopper cart and the sowing chassis, with a single attachment to the tractor, it allows for a reduced turning radius, on the plot's perimeter or corners. With its versatility, maneuverability, and track width of 2.8 m, it allows for good transport speed on roads. It does not need to be disassembled for transport on a trailer.



Technical Specifications

Models (working width)	8.2 m	9.6 m
Quantity of rows / row spacing (cm)	47 / 17.5	55 / 17.5
	39 / 21	47 / 21
	33 / 26.2	37 / 26.2
	24 / 35	28 / 35
	20 / 42	24 / 42
	17 / 52.5**	19 / 52.4**
	15 / 52.5*	19 / 52.5*
	12 / 70	14 / 70
Transport width on trailer (m)	3.9	
Transport width on road (m)	4.2	
Ground clearance during transport (mm)	320	
Seed hopper capacity (liters)	9500	
Seed/Fertilizer hopper capacity (liters)	5700 / 3800	
Optional alfalfa hopper capacity (liters) (##)	550	
Approximate weight for maximum number of rows (Kg)	12400	13480
Tires	750/60-30.5" Radial -- 400/60x15.5" -- 400/55x22.5"	
Approximate power for maximum number of rows (HP requirement)	210	250

Hydraulic Requirements

Hydraulic Requirements:

Closed center hydraulic system
3 pairs of hydraulic couplers (#)
Minimum flow rate: 135 l/min (#) Pressure: 180 Bar

Notes:

* Combined machine (Front bar - Rear bar).

** Non-combined machine (Rear bar).

(#) If equipped with a coarse grain kit, it requires a total of 4 pairs of couplers and a minimum flow rate of 160 l/min.

(#) If equipped with pneumatic GG Kit, it comes with an independent hydraulic unit (##).
The alfalfa hopper is optional.

Detailed hydraulic requirements:

Hydraulic Outlet 1 (priority)

Machine lifting: 70 l/min

Hydraulic Outlet 2

Machine folding: 70 l/min (#)

Hydraulic Outlet 3

1 Blower turbine: 55-60 l/min

Hydraulic Outlet 4

Planting motor 20-25 l/min (#)

Coarse grain kit (optional) Only during the transition to transport mode.

Hoppers

Main features

The seeder has **2 large central hoppers** for seed and fertilizer, providing it with great autonomy and reducing the number of refilling stops.

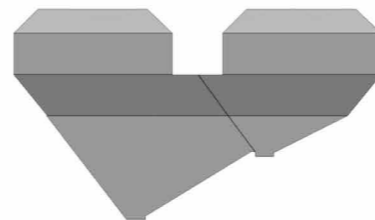


**Different possibilities
for the central hopper
combinations**



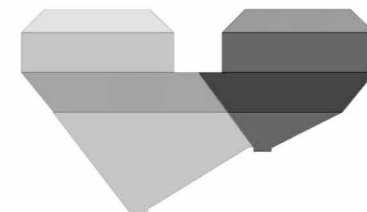
Only seeds

With a capacity of 9500 liters
(Maximum autonomy)



Seed and Fertilizer

The hopper can be divided in 60% seed
(5700 liters) and 40% fertilizer (3800 liters)



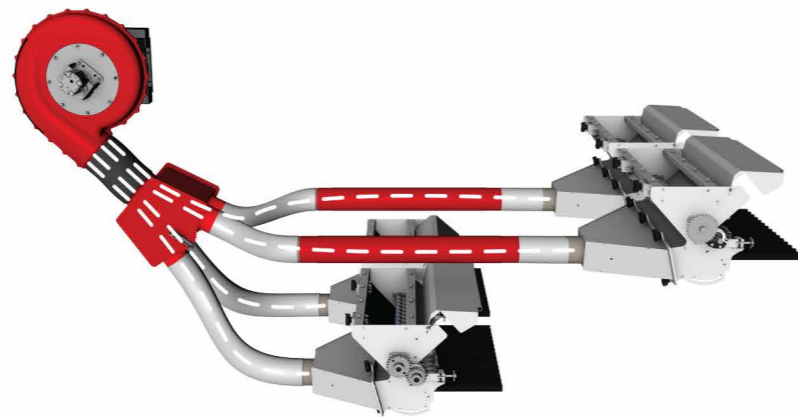
Optional: Alfalfa hopper capacity is 550 liters



Dual System

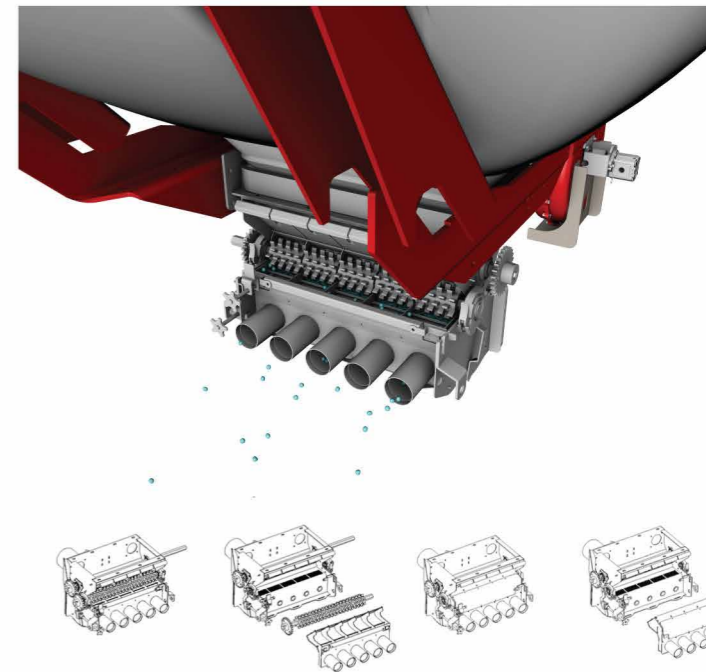
Sowing and Fertilizing

One of the most important differentiators of our Drilor seeder is its patented and award-winning Dual Dosing and Supply System, which maximizes the loading autonomy of its 2 individual hoppers so that they can be used for seeds or fertilizers.



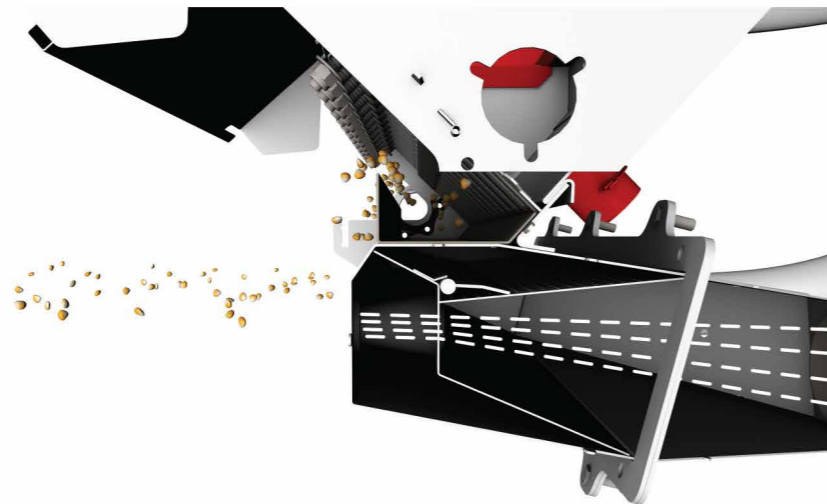
Interchangeability

In a practical way, with the interchange of some components and without tools, we can transform the dosing system into a supplying module or vice versa.



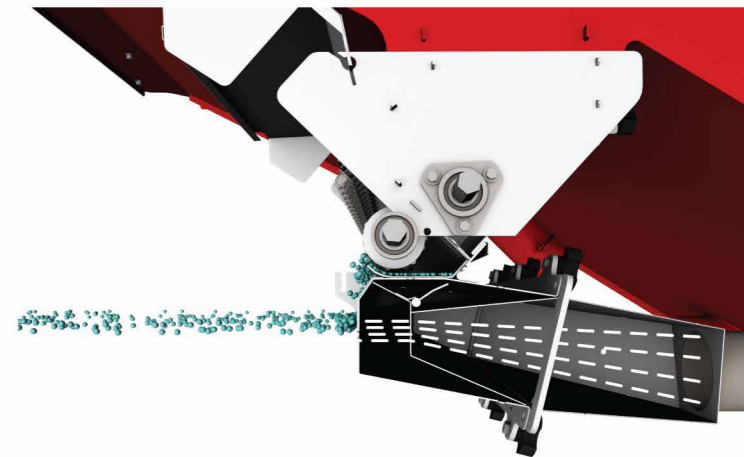
Seed Supply System on Demand

It transports the seed from the hopper to the single-grain dosers of the sowing line.



Granular Fertilizer or Fine Seed Dosing System

This system is responsible for dosing fertilizers by rotating a chevron and delivering them to a material divider, reaching the seed row.



Coulter blade set and row unit

The first component in the sowing set is the coulter blade, which can be of different types depending on the soil conditions. It is used to cut crop residue (stubble) and remove a small portion of the soil to facilitate sowing. Next is the row unit, consisting of a 16" double disc with a double 2 1/8" x 15 leveling wheel. It also has a plastic pressing tail to ensure seed-soil contact. Finally, there are the double closing wheels, responsible for covering the seed for optimal sowing. The entire row unit is articulated with the chassis through parallelograms.



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- A. Double closing wheels
 - B. Plastic pressing tail
Optional: Press wheels
 - C. 16" Double disc
 - D. 2 1/8" x 15 Double leveling wheel
 - E. Coulter blade
 - F. Parallelograms
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Accessories

Types of coultter blades

- 18" Turbo Blade with 18 waves
- 18" Straight Blade with 18 waves
- 18" Turbo Blade with 33 waves
- 18" Tango Smooth Edge Blade
- 18" Smooth Blade



Precision Agriculture



Electro-mechanical variable seed rate.

Electro-mechanical variable fertilizer rate.

Hydraulic variable seed rate in mechanical
and pneumatic coarse grain kit.

Row-by-row seed placement with pneuma-
tic coarse grain kit.



LEAF
AGROTRONICS

Who we are

Born in the town of **Armstrong**, Santa Fe, Crucianelli S.A. is now a group of companies that leads the seeder market in Argentina, with great national coverage that includes more than 70 dealerships and products present all over the world.



Foreign trade

Crucianelli seeders and planters are present worldwide, with sales agents in Brazil, Russia, and the Caribbean. Currently, we export to 15 countries, positioning the Argentine Industry as a quality industry in the international market.



The Crucianelli Group today

The company was founded more than six decades ago by Nazareno Crucianelli continues to grow nonstop.

- **Talleres Metalúrgicos Crucianelli S.A.** has a plant of 30,000 square meters covered with the latest technology.
- **Crucianelli Fabril** has a surface area of 2,500 square meters.
- **Leaf Agtronics**, a precision agriculture company, has an industrial warehouse of 2,400 square meters.
- **Crucianelli Do Brasil** through the association with Piccin Group, it is a key player in the development of foreign trade goals.
- **Raíz** provides credit for the Argentine farmers. It is the first national company dedicated to the sale of agricultural machinery.
- **Nazareno Crucianelli Foundation** is a nonprofit organization dedicated to providing help and solutions to the community.
- **Metallo** is a company dedicated to industrial processes. Currently, it has an industrial warehouse of 6,000 square meters.



We are a **leading company** in the national market and our goal is to firmly establish ourselves internationally, supported by our experience and trajectory. With our mind set on constant innovation, we reinvent ourselves to continue providing our clients with the best results.

Due to our past, experience, and future vision, we are the technology that makes you grow.