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Notes



Curious to discover the best overseeder for your situation?
Visit www.vredo.com/overseeders-agri or scan the QR-code



A Vredo overseeder for every situation

Agri

Mechanically driven, dosed seeder in two working widths of 2.47 metres and 2.85 metres. The unrivalled iconic Vredo overseeder.



Agri Air

Pneumatic overseeder with hydraulic drive, in one working width of 2.85 metres. Extremely suitable for hilly conditions.



Agri Twin

Pneumatic overseeder with hydraulic drive, in two working width of 5.70 metres. Optimal for large scale use.





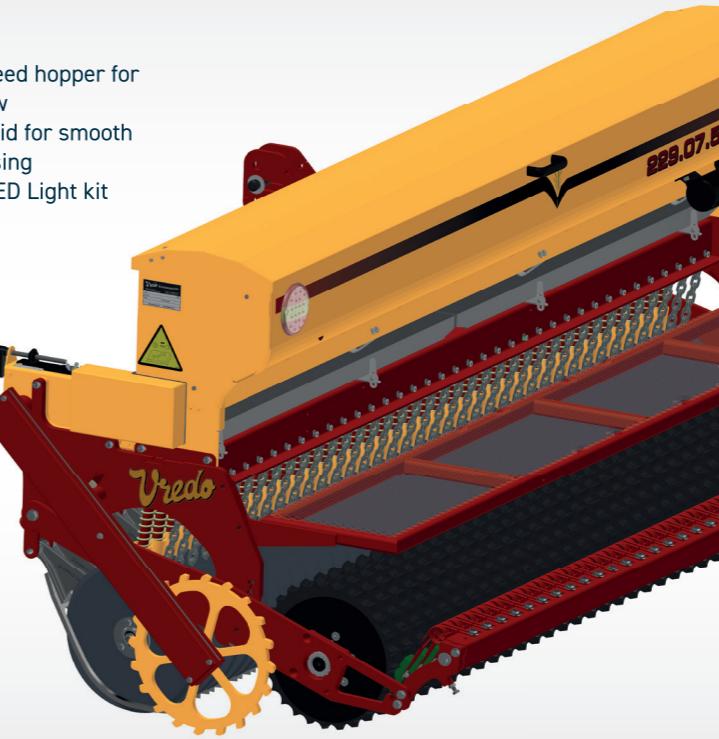
DZ4 Agri 250 and 290 Overseeder

Seed hopper

- Round shaped seed hopper for smooth seed flow
- Gas cylinder on lid for smooth opening and closing
- Round shaped LED Light kit
- Level gauge

Ease of operation

- Loading platform provides a safe standing position (optional)
- Hectare counter (standard)
- Second hectare counter with cover and lock for rental use (optional)
- Easy access seed tray with a clear level indicator



Elements

- Sharp, self-sharpening V-shaped double disc system
- Progressive coil spring double discs adapt perfectly to soil contours
- Row distance 7.5 cm
- Adjustable turfguards prevents grass build-up and ensures a constant working width

Dosing

- Mechanically driven
- Variable dosing
- Spindle for precise seed dosing
- Special cam wheels enable high precision
- Calibration tray in two parts

Pressure roller

- Smooth pressure roller (standard)
- Packing roller (optional)
- Scraper packing roller (optional)

DZ5 Agri Air 290 Over/Direct Seeder

Control

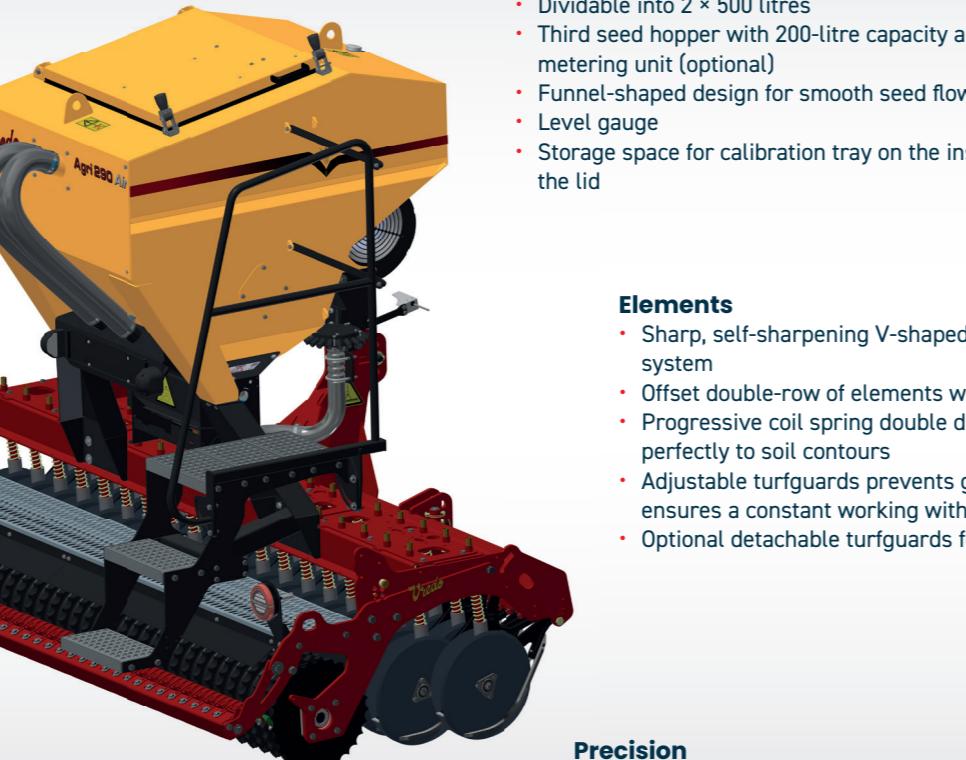
- Easy-to-use 5" colour display with magnetic holder
- Continuously variable electric dosing system
- GPS sensor
- Tank level sensor
- Daily and total overview
- ISOBUS-compatible (optional)

Dosing

- Hydraulically driven blower
- Pneumatic seed distribution
- Two individually adjustable metering units dosing per disc row
- Three individually adjustable metering units dosing per disc row in combination with third seed hopper (optional)
- Compatible with multiple cam wheels, dosing rates from 1 to 350 kg/ha

Pressure roller

- Packer ring roller
- Scraper packer ring roller (optional)



Ease of operation

- Loading platform with steps provide a safe standing position for filling the machine
- Gas cylinder on lid for smooth opening and closing
- LED lighting

Seed hopper

- Hopper capacity: 1000 litres
- Dividable into 2 x 500 litres
- Third seed hopper with 200-litre capacity and metering unit (optional)
- Funnel-shaped design for smooth seed flow
- Level gauge
- Storage space for calibration tray on the inside of the lid

Elements

- Sharp, self-sharpening V-shaped double disc system
- Two individually adjustable metering units dosing per disc row
- Offset double-row of elements with discs
- Progressive coil spring double discs adapt perfectly to soil contours
- Adjustable turfguards prevents grass build-up and ensures a constant working width
- Optional detachable turfguards for direct seeding

Precision

- DDS (Dual Depth System) allows different seeds to be sown precisely at the optimal germination depth according to their seed strength.
- CDS (Crop Drill System) enables hydraulic switching between 7.5 cm and 15 cm row spacing, making the machine suitable for both overseeding grassland and direct drilling of crops.

DZ5 Agri Twin 580 Over-/Direct Seeder

Seed hopper

- Hopper capacity: 1000 litres
- Dividable into 2 x 500 litres
- Third seed hopper with 200-litre capacity and metering unit (optional)
- Funnel-shaped design for smooth seed flow
- Level gauge
- Storage space for calibration tray on the inside of the lid



Control

- Easy-to-use 5" colour display with magnetic holder
- Continuously variable electric dosing system
- GPS sensor
- Tank level sensor
- Daily and total overview
- ISOBUS-compatible (optional)

Dosing

- Hydraulically driven blower
- Pneumatic seed distribution
- Two individually adjustable metering units dosing per disc row
- Three individually adjustable metering units dosing per disc row in combination with third seed hopper (optional)
- Compatible with multiple cam wheels, dosing rates from 1 to 350 kg/ha

Pressure roller

- Packer ring roller
- Scraper packer ring roller (optional)

Precision

- DDS (Dual Depth System) allows different seeds to be sown precisely at the optimal germination depth according to their seed strength.
- CDS (Crop Drill System) enables hydraulic switching between 7.5 cm and 15 cm row spacing, making the machine suitable for both overseeding grassland and direct drilling of crops.

Ease of operation

- Loading platform with steps provide a safe standing position for filling the machine
- Gas cylinder on lid for smooth opening and closing
- LED lighting

Elements

- Sharp, self-sharpening V-shaped double disc system
- Offset double-row of elements with discs
- Progressive coil spring double discs adapt perfectly to soil contours
- Adjustable turfguards prevents grass build-up and ensures a constant working width
- Optional detachable turfguards for direct seeding



Rejuvenate your grass and save money

The Vredo Agri series has an excellent reputation in the worldwide agricultural sector. Every contractor should have the robust, but very precise machine ready to use in the spring, after the first cut or in the autumn, to provide the pastures with lush grass.

Renew bare patches, strengthen paths, prevent erosion, repair wildlife damage and sow additional clover, restricting the grow of weeds - these are the reasons to use a Vredo.

The Agri series has a standard row distance of 7.5 cm. This is perfect to provide the meadow with a closed grass yield, without waste. The grass seed is placed for optimal germination, because it is enclosed in the fertile soil and protected from birds and drought. Overseeding can be done in one pass and saves up to 80% time and fuel, compared to renovation through ploughing, cultivating, levelling, sowing and rolling.



Plot stays in use

A major advantage of overseeding is that the field can stay in operation. The machine is equipped with durable discs and individually suspended seeding elements, ensuring consistent performance and precise seed placement throughout the process.

always gets deposited at the correct depth in the ground and the discs are protected. Optionally, the Agri Series is available with a packing roller. This roller, with movable cast iron rings, undulates on rough terrain, meaning plots with stones or ditches can be worked.

Unique features

- Adjustable seed dosage ensures no over- or under-seeding.
- The desired seed rate is easily set using the practical keypad and seed chart, which includes the most common grass types and mixtures.
- Precise regulation of the seed flow is achieved via the cam wheel and bottom flap – consistent from start to finish.
- Adjustable to achieve the best results in every situation and soil type.
- Calibration tray and detailed seed chart make dosing simple and highly accurate.
- Built from robust, high-quality materials – an investment for life.



Ready for the future of farming

As European farmers face increasing demands for sustainability and efficiency, the Vredo DZ5 Agri offers a practical and future-proof solution. The DZ5 Agri Overseeder combines sustainability, versatility, and profitability – helping farmers boost productivity, reduce costs, and meet environmental standards, while improving both milk and soil quality. “The DZ5 Agri Overseeder is more than a machine – it’s a tool for sustainable farming,” says Hans de Vree, Managing Director at Vredo.

“By investing in smarter seeding, farmers gain healthier meadows, stronger cows, and better returns per hectare – all while saving on feed costs.”

Precision and versatility in a single pass



More milk, higher returns, and greater biodiversity – all in a single pass

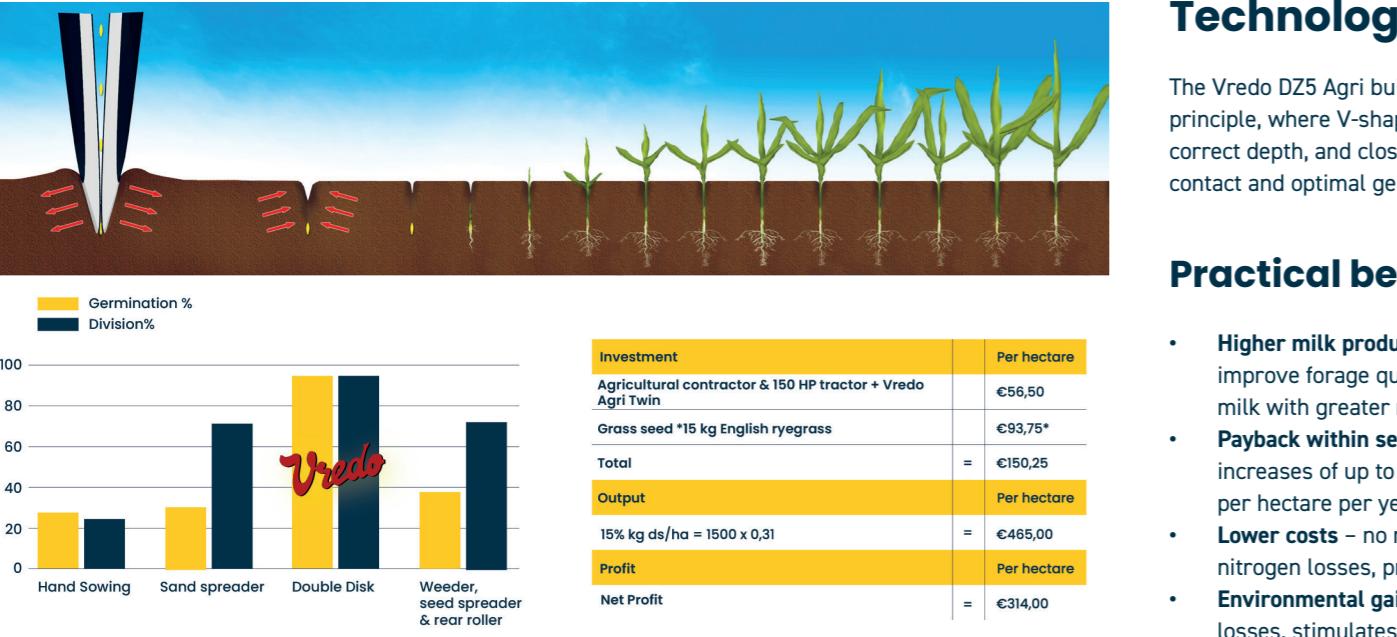
The Vredo DZ5 Agri Overseeder. This new generation overseeder is the first on the market that can be used for both overseeding and direct seeding while simultaneously digging and sowing up to three different seed types in a single pass. By combining grasses, herbs, and legumes in one efficient operation, farmers can establish herb-rich meadows that not only enhance the nutritional value of cows' milk but also contribute to greater biodiversity and healthier soils.

Precision and versatility in a single pass

With a row spacing of 7.5 cm for grassland (overseeding) and 15 cm for arable land (direct seeding), the DZ5 Agri combines precision with versatility. This makes it ideally suited for:

- Overseeding grass;
- Sowing herb-rich mixtures; and
- Direct drilling of green manures, cover crops, or stubble fields without prior cultivation.

All operations – opening, seeding, and pressing – are completed in a single pass, saving both time and fuel.



*Figures based on average Dutch prices from a contractor with a 5.8 Vredo Agri Twin seeder and grass seed (amount suitable for 15 kg per hectare).



Technology designed for impact

The Vredo DZ5 Agri builds on the company's proven double-disc seeding principle, where V-shaped discs open the soil, place the seed precisely at the correct depth, and close the slot with a press roller to ensure maximum soil contact and optimal germination.

Practical benefits

- Higher milk production** – diverse swards with legumes and herbs improve forage quality, leading to healthier cows, higher milk yields, and milk with greater nutritional value.
- Payback within seasons** – independent field trials show forage yield increases of up to 10-15%, corresponding to an average net gain of €314 per hectare per year.
- Lower costs** – no need for soil preparation and fewer passes prevent nitrogen losses, preserve soil structure, and save time, diesel, and labor.
- Environmental gains** – precise seed placement minimizes nitrogen losses, stimulates soil life, and supports biodiversity.

Designed in practice, for practice

The DZ5 Agri is fully ISOBUS-compatible and can also be operated with a Vredo control unit. With simple calibration, quick seed switching, and minimal maintenance, it reduces operator workload while ensuring consistent results.

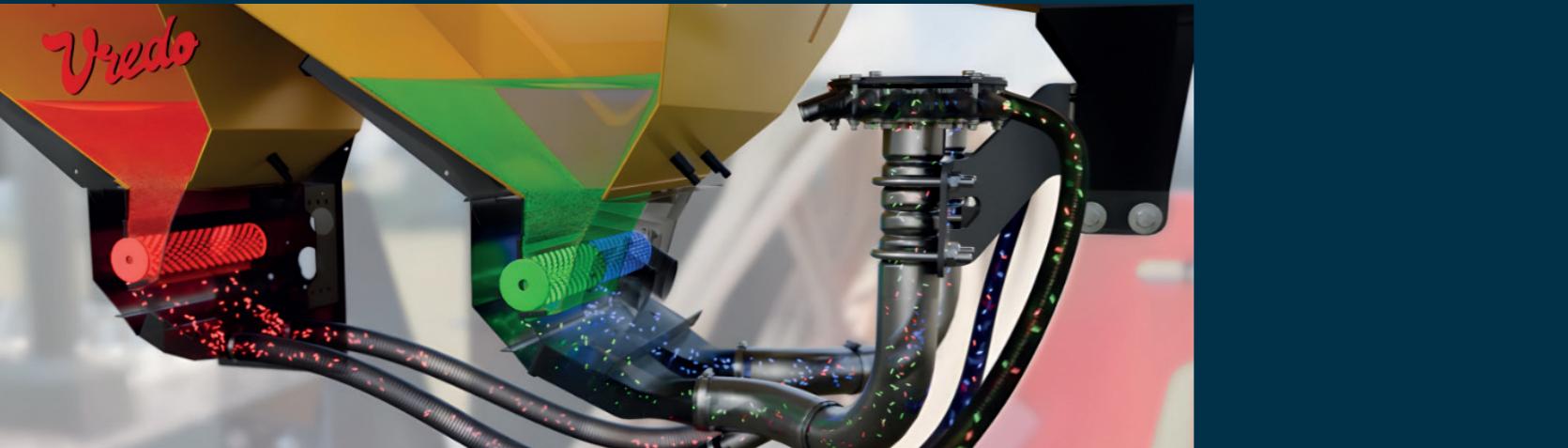
Ready for the future of agriculture



Key innovations are:

- Triple Dosing Unit** – enabling simultaneous application of up to three different seed types. Each seed type is assigned to a specific disc row, with individual dosing and sowing depth via the DDS system.
- DDS (Dual Depth System)** – ensures each seed type is sown at the ideal germination depth.
- CDS (Crop Drill System)** – hydraulic switching between 7.5 cm and 15 cm row spacing, making the machine suitable for both overseeding and direct drilling.
- Front cultivators** – optional front tools that cut, scrap, and clear crop residues or create light surface disturbances. This optimizes seed placement and suppresses competition from existing vegetation.

Cultivators: optional pre-cultivator cut, scrap, and clear away grass and crop residues, or open shallow disturbances in the soil. This creates the optimal conditions for seed germination and reduces competition from existing vegetation.



Seed hopper – capacity, control, and flexibility

The newly developed Vredo seed hopper offers a standard capacity of 1000 litres, allowing you to carry more seed and work longer without refilling. The hopper can be divided into two 500-litre compartments, each driven by its own Krummenacher metering unit.

Both sides can be equipped with different metering rollers – ideal for sowing two seed types simultaneously at different rates. The left hopper supplies the front disc row, while the right hopper feeds the rear row.

For additional flexibility, the system can be fitted with an optional third seed hopper featuring its own metering unit. This additional unit can add seed to both disc rows or to either the front or rear row only, depending on the desired seeding mix. This makes the machine ideal for combining grass, clover, or herb mixtures – each with its own perfectly calibrated dosage.



CDS

CDS (Crop Drill System) – CDS (Crop Drill System) CDS allows hydraulic switching between 7.5 cm and 15 cm row spacing, making the machine suitable for both overseeding grassland and direct drilling of crops.

The Vredo DZ5 Agri Air unit is equipped with an innovative feature called CDS, which enables arable crops to be sown directly into stubble fields with firm soil structure without prior cultivation.

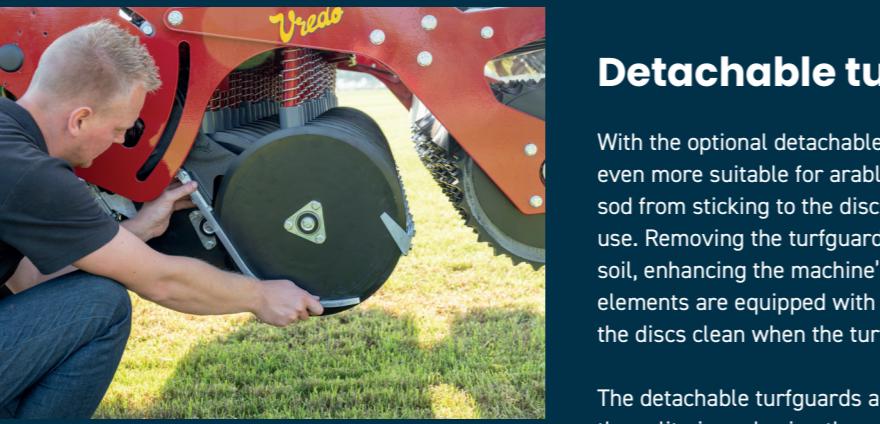
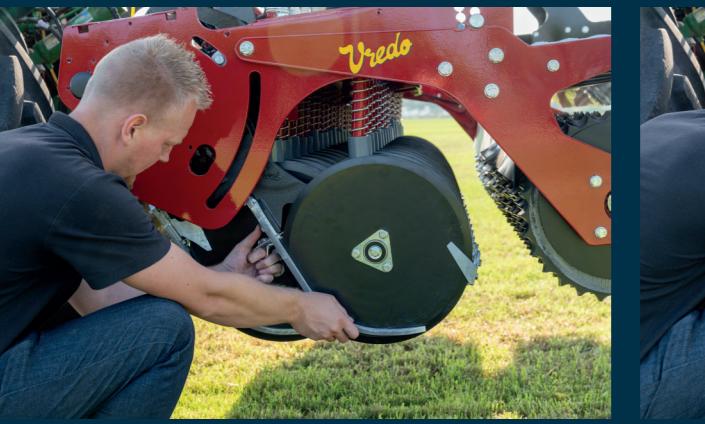
The machine retains its proven grassland overseeding performance, making it perfectly suited for both grassland and arable applications.

When sowing arable crops, every second disc pair can be hydraulically lifted, creating a 15 cm row spacing while doubling the pressure on the remaining discs. This also improves the flow of crop residues and soil between the elements, preventing blockage and ensuring long-term operation.

The metering unit can easily be switched off for overseeding, ensuring that no seed is distributed to the lifted elements. The CDS system does not till the soil but only creates a narrow slit.

Advantages

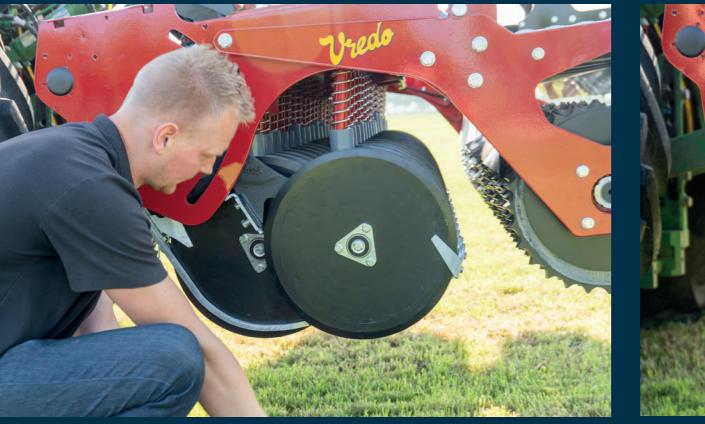
- Multifunctional** – The machine for grass, arable crops, cover crops, and protein crops.
- No soil cultivation** – Preserves soil structure, moisture, and organic matter; reduces the need for fertilizers and chemicals.
- Cost efficiency** – More operating hours per machine and higher overall efficiency.
- Environmental benefits** – Precise seed placement minimizes nitrogen losses, stimulates soil life, and supports biodiversity.



Detachable turfguards

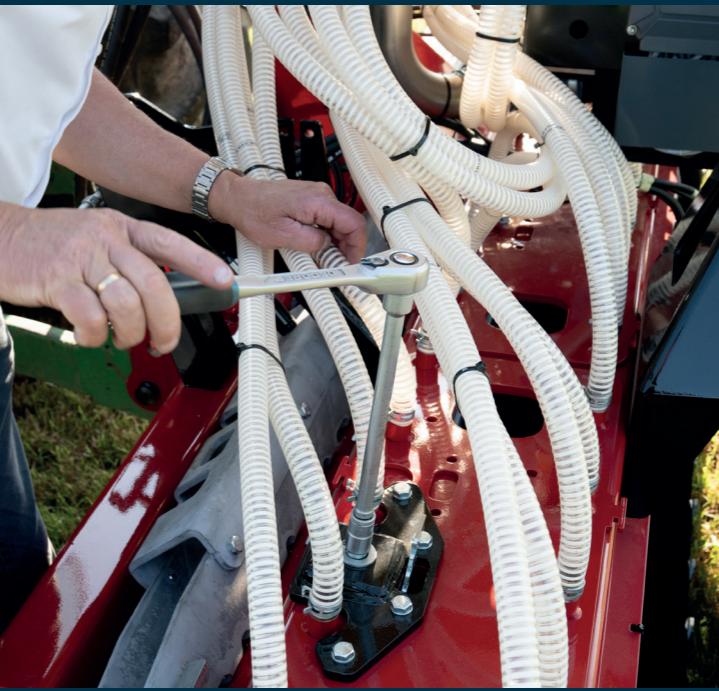
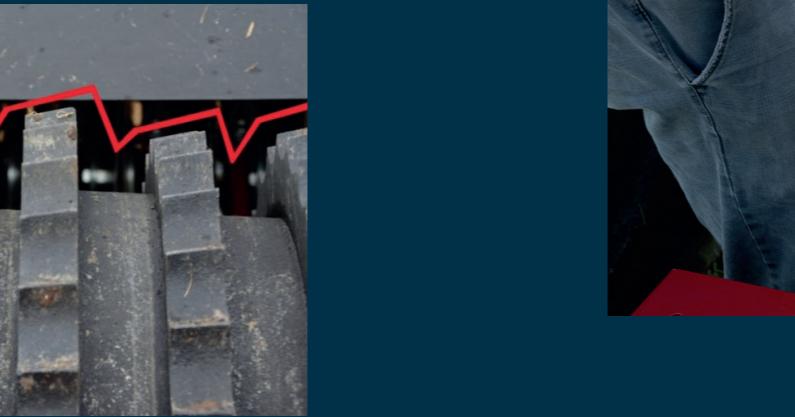
With the optional detachable turfguards, the machine becomes even more suitable for arable land. Designed to prevent grass sod from sticking to the discs, they are unnecessary for arable use. Removing the turfguards, more space is created for loose soil, enhancing the machine's performance on arable land. The elements are equipped with an additional disc scraper to keep the discs clean when the turfguards are removed.

The detachable turfguards are simple to remove by taking out the split pin and using the provided tool.



Packer ring roller

- Perfectly follows ground contours (up to 5 cm).
- The high weight promotes optimal seed germination.
- Individual rings press the seed slots firmly closed sideways for improved seed-to-soil contact.
- Suppresses weed growth and stimulates tillering of desirable grasses.



DDS (Dual Depth System)

Thanks to the DDS system (Dual Depth System), both rows of discs can sow independently at different depths. This enables precise placement of various seeds, tailored to their germination strength and root development. It allows two different seed types to be sown in a single pass, each with its own dosage and at different depths.

When using the DDS system, the poro-load of the front disc row is adjusted via two tensions.

- **Two seeding depths** – Sow two different seeds in one pass, each at its ideal depth.
- **Optimal adjustment** – Higher pressure for deep grass seeding, lower pressure for shallow sowing of herbs or clover.
- **Efficient and versatile** – Multiple seeds in one pass, with greater precision and time savings.



Control

Vredo standard control

- Easy-to-use 5" colour display with magnetic holder
- Continuously variable electric dosing system
- GPS sensor
- Tank level sensor
- Daily and total overview
- Calibration via the display
- Supports up to 2 seed types



Control

Vredo ISOBUS (optional)

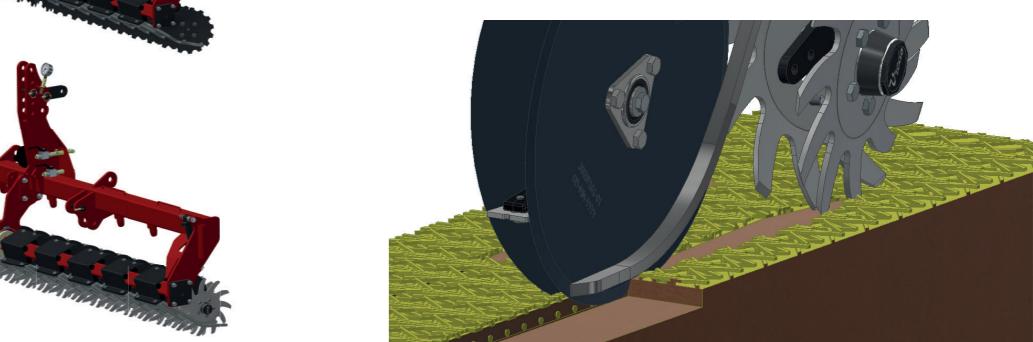
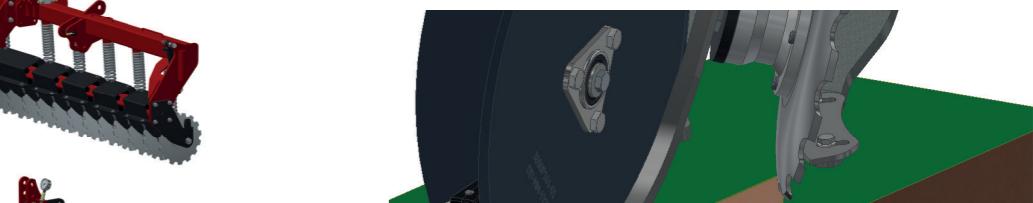
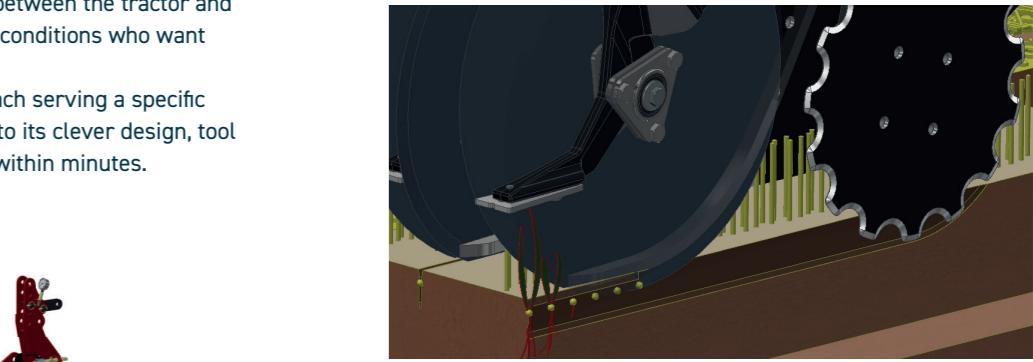
- Continuously variable electric dosing system
- GPS sensor
- Tank level sensor
- Daily and total overview
- Calibration via the display
- Supports up to 3 seed types
- Required when equipped with the optional third seed hopper

DZ5 Agri Pre-cultivator

Soil preparation: the perfect start for every soil type

The Vredo DZ Agri Air 290 can be equipped with a front cultivator bar that easily connects between the tractor and the machine. This front cultivator is the ideal addition for operators working under varying conditions who want maximum control over the seeding process.

Depending on the conditions, the bar can be fitted with three interchangeable front tools, each serving a specific purpose, from removing crop residues to opening the soil for optimal germination. Thanks to its clever design, tool changes are quick and effortless, making the machine ready for a different crop or season within minutes.



Pre-cutting disc

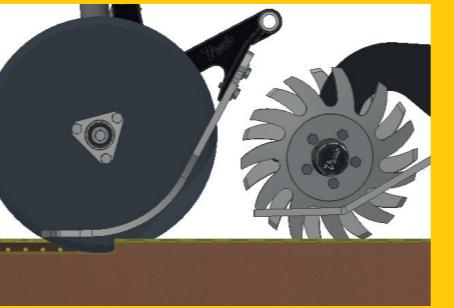
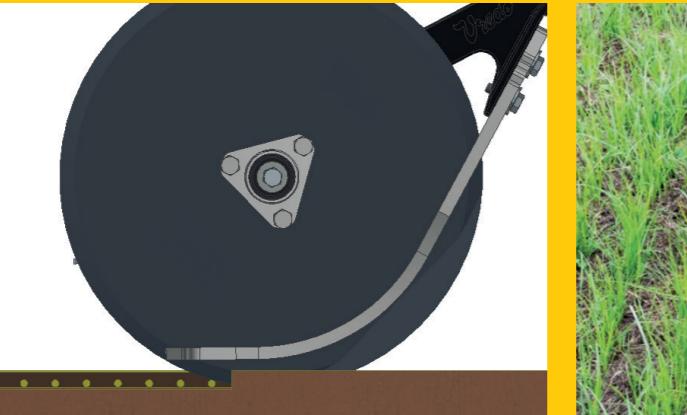
- Row spacing: 15 cm
- Cuts deeper than the seeding depth, creating space for root development
- Cuts crop residues
- Provides additional soil aeration

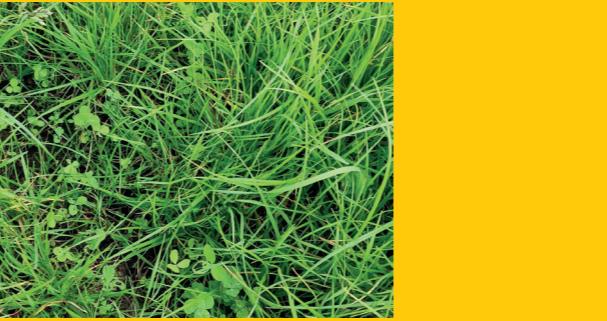
Pre-cultivator

- Row spacing: 15 cm
- Scrapes away grass and crop residues
- Opens the upper soil layer
- Creates optimal germination conditions and suppresses competition from existing crops

Rowcleaner

- Row spacing: 15 cm
- Moves crop residues to the side
- Clears the row so the disc can cut properly into the soil and place the seed optimally





				• 20cm
				• 20cm
				• 80cm

	GPS working width (cm)	Row spacing (mm)	Capacity seed hopper (l)	Weight (KG) Smooth Roller (smooth/roller)	Total weight incl. frame/seed Hopper (KG)	L (cm)	B (cm)	H (cm)	L (cm)	B (cm)	H (cm)
DZ Agri 290	285	75	473	1490 / 1980		1358	3000	1310			
DZ Agri Air 290	285	75	1000	1980 / 2280	+800	1780	2950	2270	1780	2950	2270
DZ Agri Air 290	285	75	1200	2080 / 2480	+900	1780	2950	2270	1780	2950	2270
DZ Agri Air Twin 580	570	75	1000	4000 / 4300	+800	2090	5800	2360	2090	3000	2896
DZ Agri Air Twin 580	570	75	1200	4100 / 4400	+900	2090	5800	2360	2090	3000	2896





Your fields,
our passion